

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085670.D
 Acq On : 05 Feb 2025 12:23
 Operator : JC\MD
 Sample : VN0205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2025
 Supervised By : Mahesh Dadoda 02/07/2025

Quant Time: Feb 06 00:38:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	240036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	410471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	359771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	185109	47.774	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.540%		
35) Dibromofluoromethane	8.165	113	157451	55.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.580%		
50) Toluene-d8	10.565	98	577376	57.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	114.140%#		
62) 4-Bromofluorobenzene	12.847	95	193977	56.046	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	77021	23.699	ug/l	97
3) Chloromethane	2.359	50	66656	18.942	ug/l	100
4) Vinyl Chloride	2.518	62	80712	22.820	ug/l	97
5) Bromomethane	2.965	94	51719	24.208	ug/l	97
6) Chloroethane	3.124	64	48257	21.520	ug/l	100
7) Trichlorofluoromethane	3.501	101	105129	20.485	ug/l	96
8) Diethyl Ether	3.959	74	34031	19.195	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	62774	21.717	ug/l	98
10) Methyl Iodide	4.589	142	78682	23.769	ug/l	98
11) Tert butyl alcohol	5.518	59	37575	84.690	ug/l	100
12) 1,1-Dichloroethene	4.342	96	56475	21.922	ug/l	89
13) Acrolein	4.183	56	27649	45.651	ug/l	99
14) Allyl chloride	5.030	41	68221	16.320	ug/l #	94
15) Acrylonitrile	5.712	53	123137	87.377	ug/l	99
16) Acetone	4.424	43	100882	80.580	ug/l	93
17) Carbon Disulfide	4.712	76	167970	21.177	ug/l #	95
18) Methyl Acetate	5.024	43	59734	15.691	ug/l #	89
19) Methyl tert-butyl Ether	5.789	73	171099	20.454	ug/l	100
20) Methylene Chloride	5.277	84	63776	20.578	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	59663	21.671	ug/l	92
22) Diisopropyl ether	6.671	45	167167	18.017	ug/l	97
23) Vinyl Acetate	6.600	43	587466	90.473	ug/l	95
24) 1,1-Dichloroethane	6.565	63	108738	19.220	ug/l	98
25) 2-Butanone	7.477	43	151049	81.987	ug/l	91
26) 2,2-Dichloropropane	7.488	77	97850	21.392	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	70676	21.795	ug/l	90
28) Bromochloromethane	7.806	49	38301	14.551	ug/l #	84
29) Tetrahydrofuran	7.836	42	101086	86.542	ug/l	89
30) Chloroform	7.959	83	111885	19.135	ug/l	100
31) Cyclohexane	8.253	56	94870	19.293	ug/l #	90
32) 1,1,1-Trichloroethane	8.165	97	103207	20.122	ug/l	93
36) 1,1-Dichloropropene	8.365	75	82112	20.545	ug/l	99
37) Ethyl Acetate	7.553	43	64797	16.063	ug/l #	94
38) Carbon Tetrachloride	8.359	117	91901	20.086	ug/l	97
39) Methylcyclohexane	9.600	83	83019	22.105	ug/l	95
40) Benzene	8.600	78	254842	21.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33716	16.065	ug/l	90
42) 1,2-Dichloroethane	8.665	62	81634	18.049	ug/l	98
43) Isopropyl Acetate	8.683	43	112796	17.450	ug/l	95
44) Trichloroethene	9.347	130	61005	21.824	ug/l	100
45) 1,2-Dichloropropane	9.618	63	60388	19.688	ug/l	96
46) Dibromomethane	9.706	93	43437	19.626	ug/l	97
47) Bromodichloromethane	9.882	83	89049	19.749	ug/l	100
48) Methyl methacrylate	9.677	41	48974	16.836	ug/l	87
49) 1,4-Dioxane	9.688	88	17270	352.553	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	324686	86.562	ug/l	95
52) Toluene	10.629	92	156364	22.472	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	86707	20.348	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	94993	20.870	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	57876	21.018	ug/l	97
56) Ethyl methacrylate	10.871	69	80678	18.652	ug/l	90
57) 1,3-Dichloropropane	11.159	76	97119	20.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	102750	58.801	ug/l	96
59) 2-Hexanone	11.194	43	228317	86.508	ug/l	91
60) Dibromochloromethane	11.353	129	69325	20.853	ug/l	98
61) 1,2-Dibromoethane	11.465	107	55881	20.387	ug/l	99
64) Tetrachloroethene	11.100	164	56446	23.014	ug/l	98
65) Chlorobenzene	11.888	112	169728	21.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	59123	20.439	ug/l	99
67) Ethyl Benzene	11.959	91	282676	22.021	ug/l	97
68) m/p-Xylenes	12.065	106	220977	46.578	ug/l	96
69) o-Xylene	12.394	106	104039	22.947	ug/l	95
70) Styrene	12.406	104	173992	23.188	ug/l	97
71) Bromoform	12.576	173	43430	20.983	ug/l #	100
73) Isopropylbenzene	12.694	105	258421	22.016	ug/l	100
74) N-amyl acetate	12.488	43	91186	17.284	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	79196	19.101	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	70733m	20.010	ug/l	
77) Bromobenzene	12.976	156	64716	21.103	ug/l	91
78) n-propylbenzene	13.029	91	303326	21.829	ug/l	98
79) 2-Chlorotoluene	13.123	91	187008	20.794	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	215002	22.175	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	26132m	20.001	ug/l	
82) 4-Chlorotoluene	13.218	91	189269	21.137	ug/l	96
83) tert-Butylbenzene	13.435	119	175926	21.607	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	217418	22.499	ug/l	97
85) sec-Butylbenzene	13.612	105	252270	22.355	ug/l	100
86) p-Isopropyltoluene	13.723	119	207627	21.959	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	117964	20.887	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	116944	19.977	ug/l	100
89) n-Butylbenzene	14.053	91	171576	21.194	ug/l	99
90) Hexachloroethane	14.329	117	40121	18.676	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	111801	19.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12688	16.758	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	52841	20.182	ug/l	98
94) Hexachlorobutadiene	15.494	225	26518	19.077	ug/l	97
95) Naphthalene	15.635	128	146471	18.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	50135	18.924	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

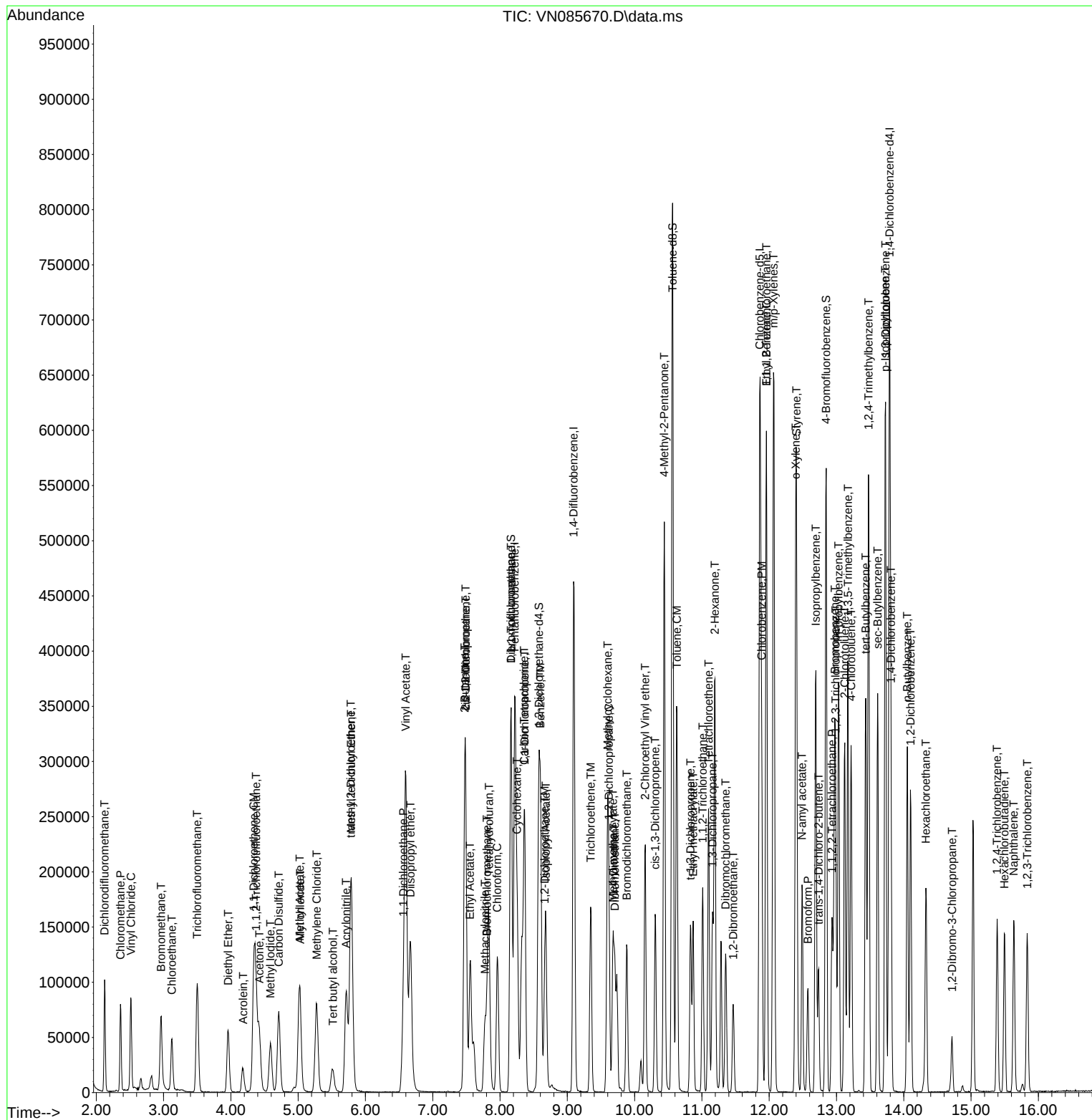
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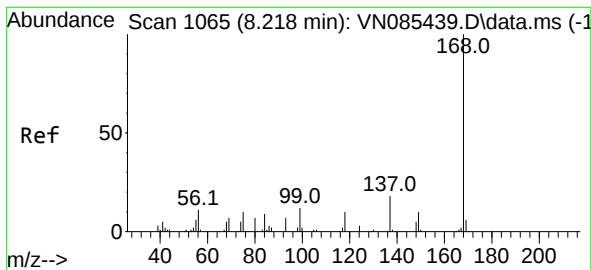
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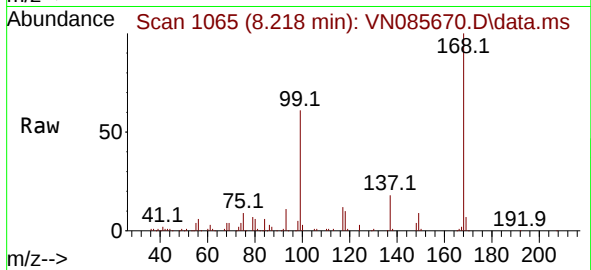
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

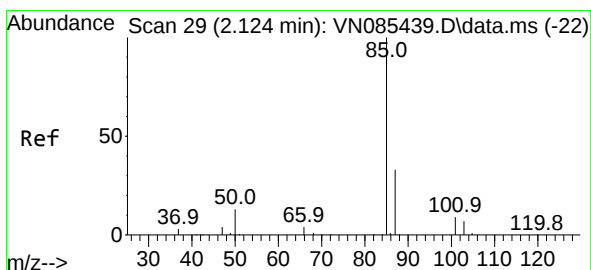
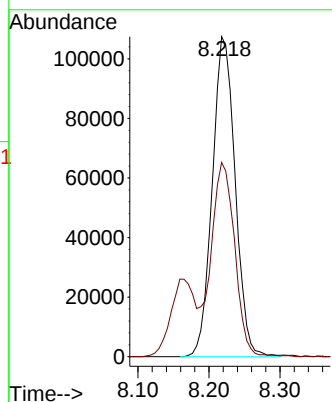
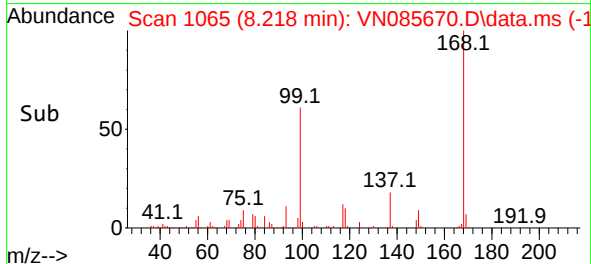
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 240030
Ion Ratio Lower Upper
168 100
99 60.4 53.6 80.4

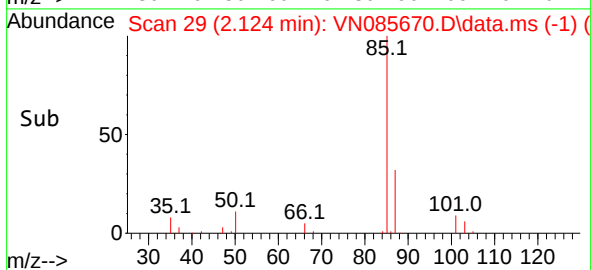
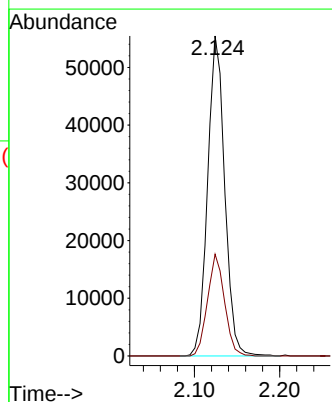
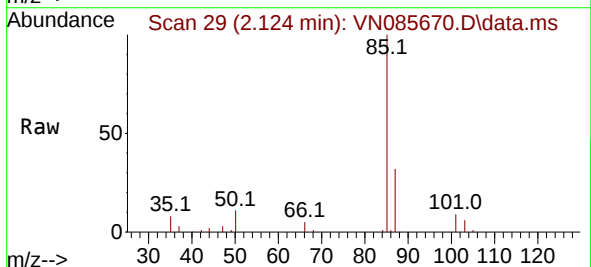
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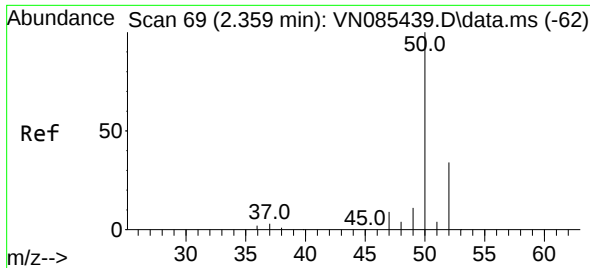
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#2
Dichlorodifluoromethane
Concen: 23.699 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

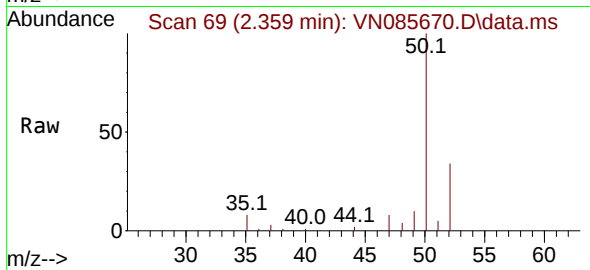
Tgt Ion: 85 Resp: 77021
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





#3
Chloromethane
Concen: 18.942 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

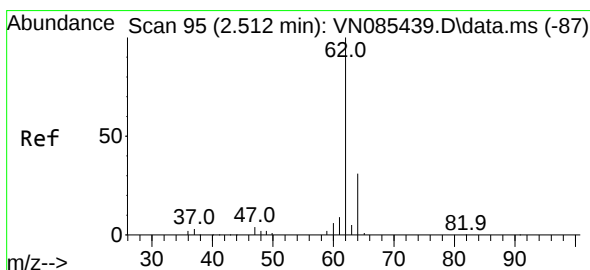
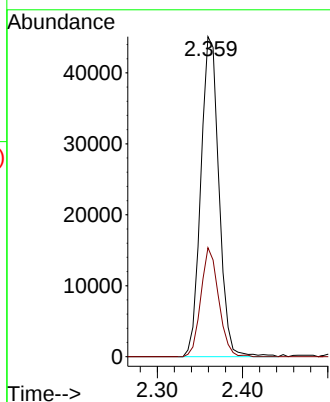
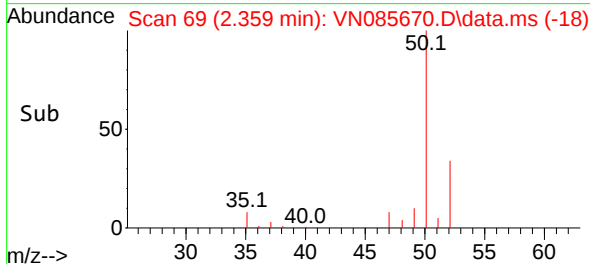
Instrument :
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Tgt Ion: 50 Resp: 66650
Ion Ratio Lower Upper
50 100
52 34.0 27.0 40.6

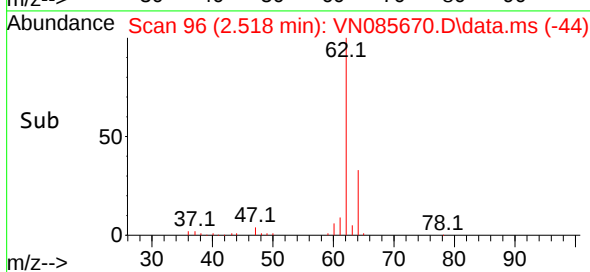
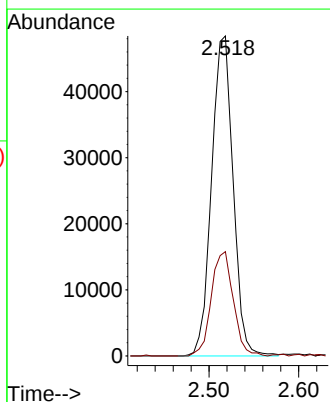
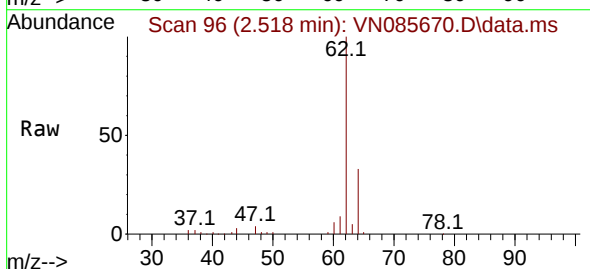
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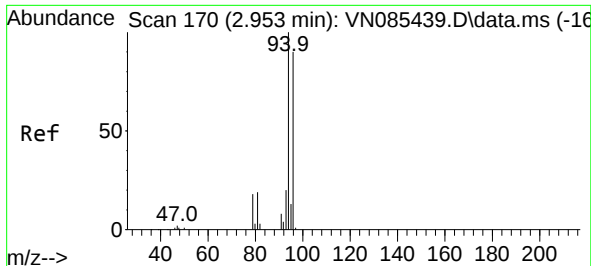
Reviewed By :John Carlone 02/07/2025
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#4
Vinyl Chloride
Concen: 22.820 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

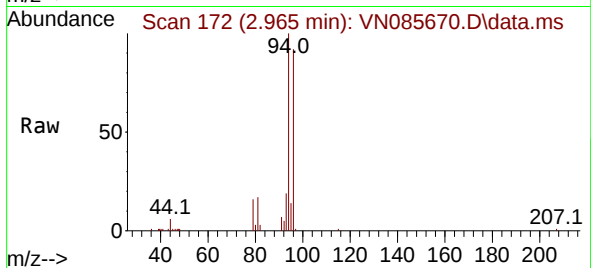
Tgt Ion: 62 Resp: 80712
Ion Ratio Lower Upper
62 100
64 32.6 24.8 37.2





#5
Bromomethane
Concen: 24.208 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

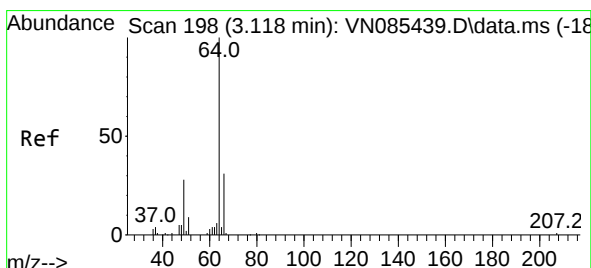
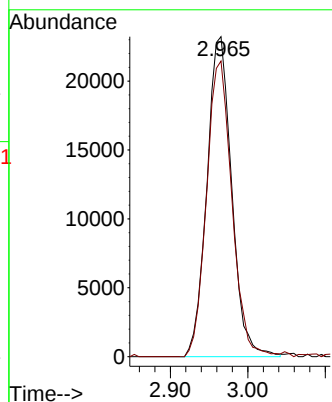
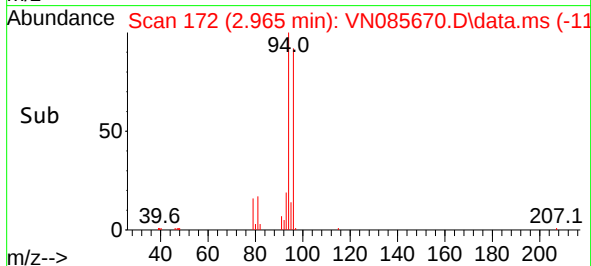
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Tgt Ion: 94 Resp: 51719
Ion Ratio Lower Upper
94 100
96 92.4 71.8 107.6

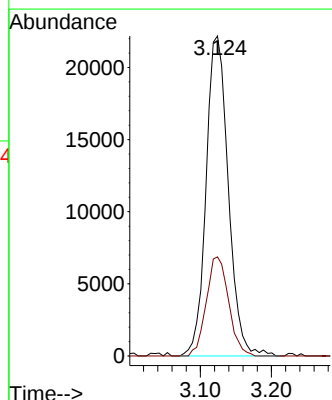
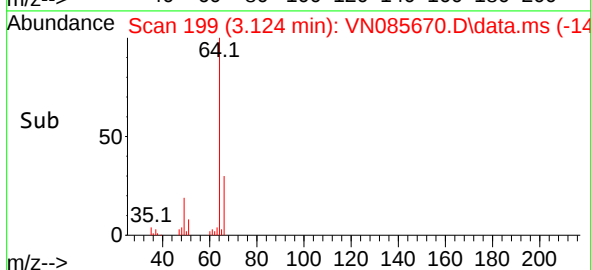
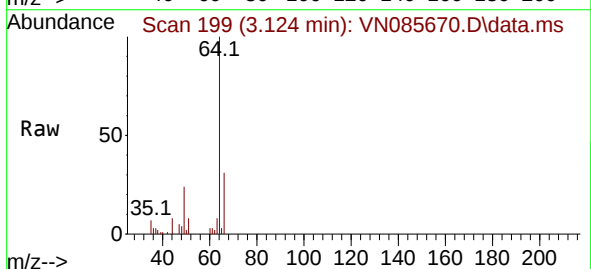
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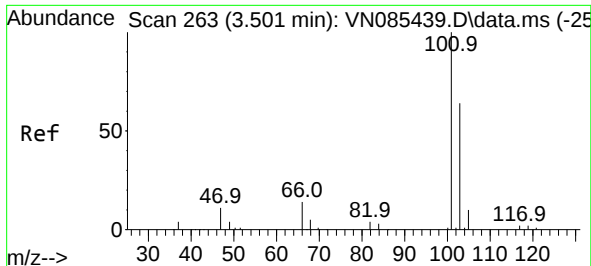
Reviewed By :John Carlone 02/07/2025
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#6
Chloroethane
Concen: 21.520 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

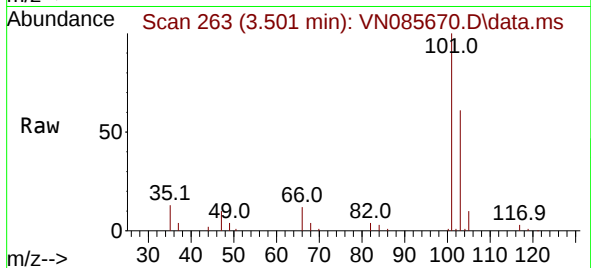
Tgt Ion: 64 Resp: 48257
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.485 ug/l
 RT: 3.501 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

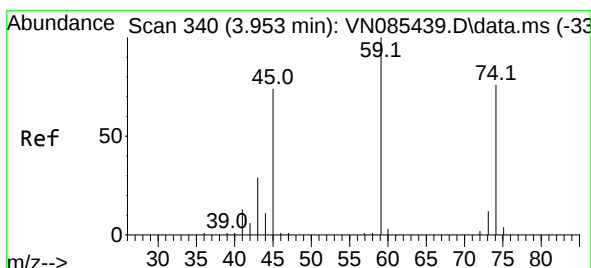
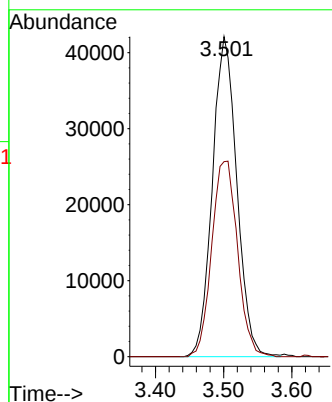
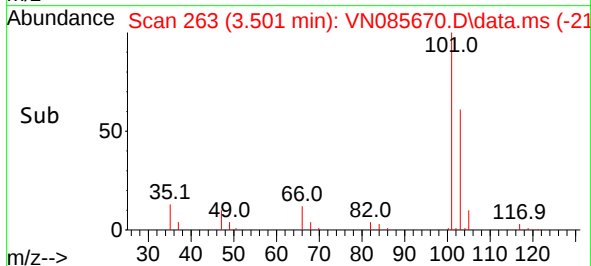
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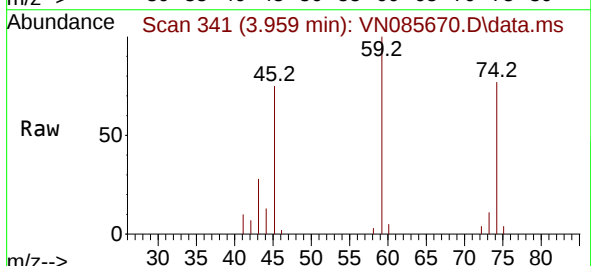
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 Ion Ratio Lower Upper
 101 100
 103 61.0 51.4 77.2

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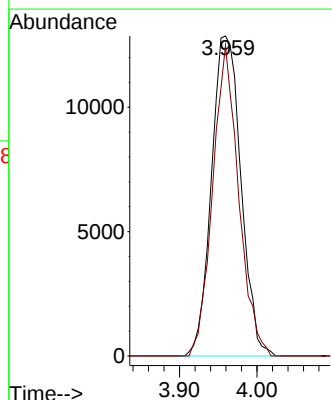
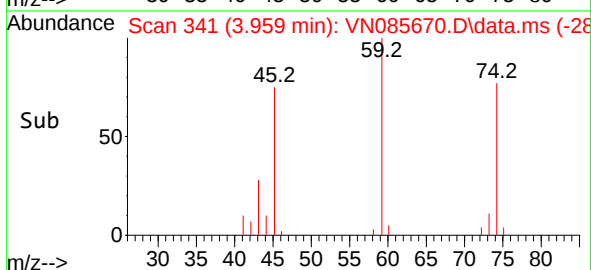
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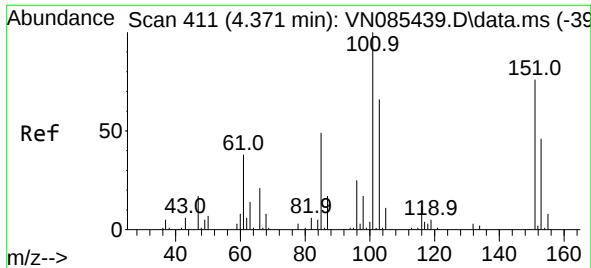


#8
 Diethyl Ether
 Concen: 19.195 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23



Tgt Ion: 74 Resp: 34031
 Ion Ratio Lower Upper
 74 100
 45 85.4 49.7 149.1





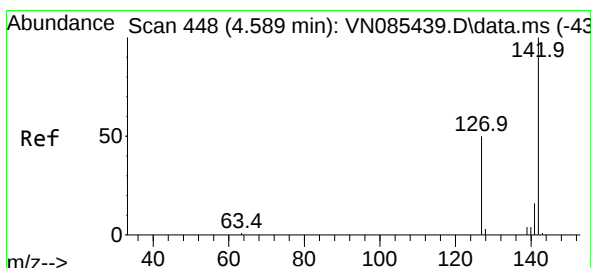
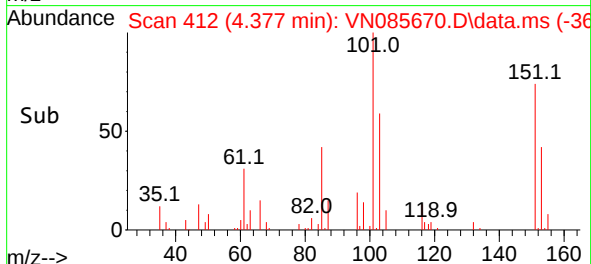
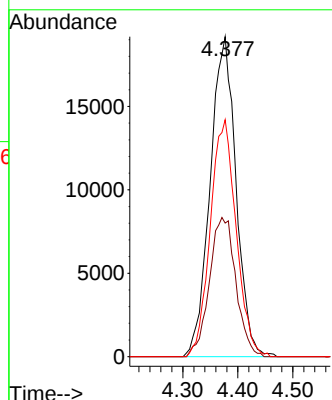
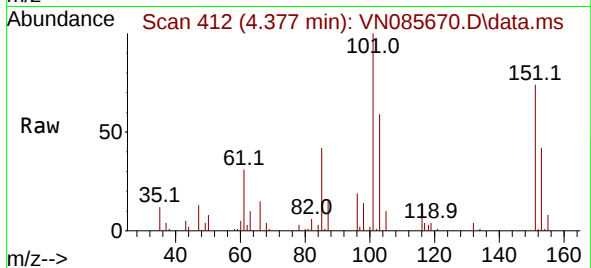
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.717 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Tgt Ion:101 Resp: 62774
Ion Ratio Lower Upper
101 100
85 44.5 37.8 56.8
151 73.9 58.8 88.2

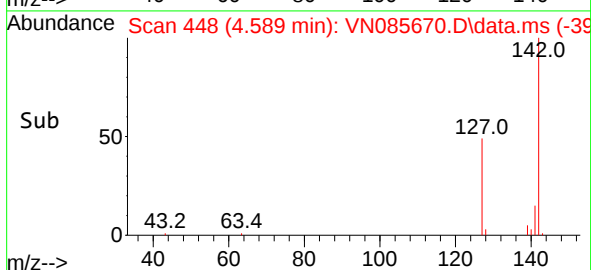
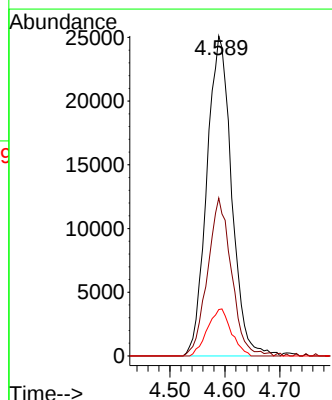
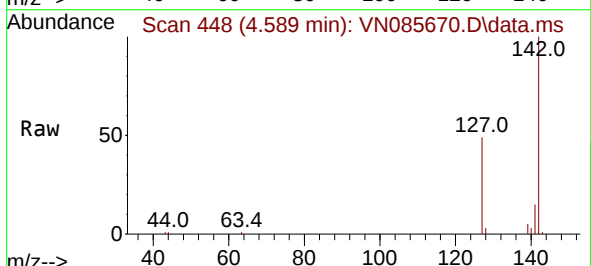
Manual Integrations
APPROVED

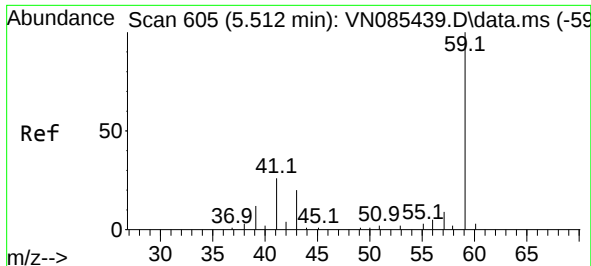
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#10
Methyl Iodide
Concen: 23.769 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

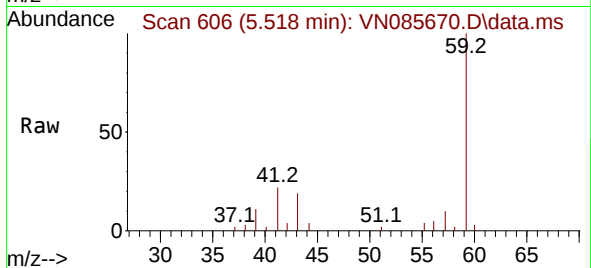
Tgt Ion:142 Resp: 78682
Ion Ratio Lower Upper
142 100
127 49.4 40.3 60.5
141 14.5 12.8 19.2





#11
Tert butyl alcohol
Concen: 84.690 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

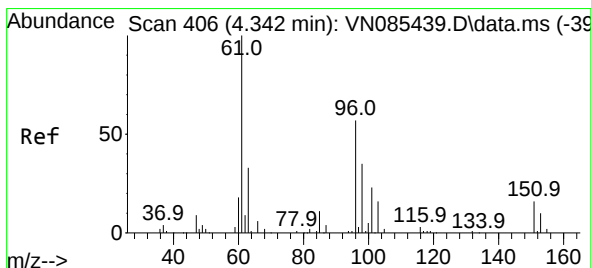
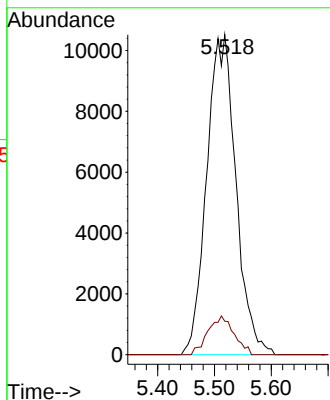
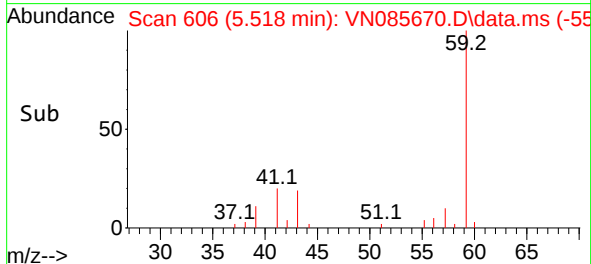
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



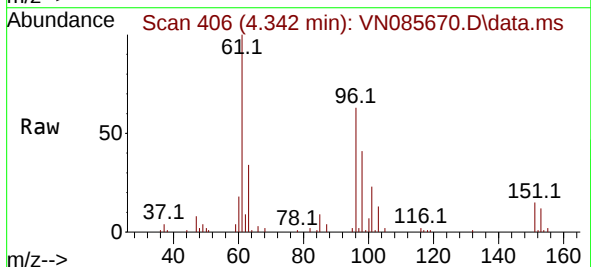
Tgt Ion: 59 Resp: 3757
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0

Manual Integrations
APPROVED

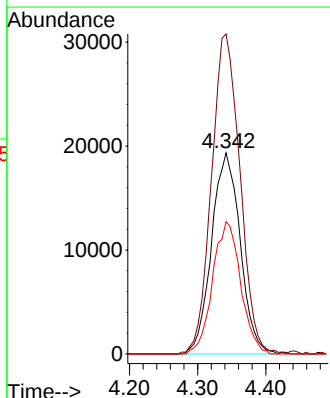
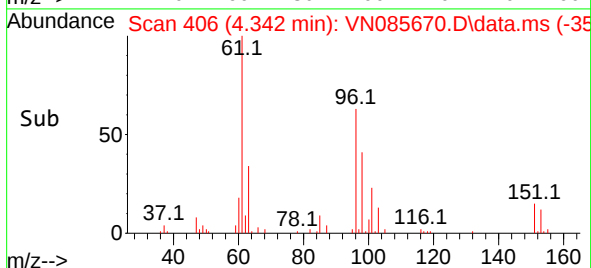
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

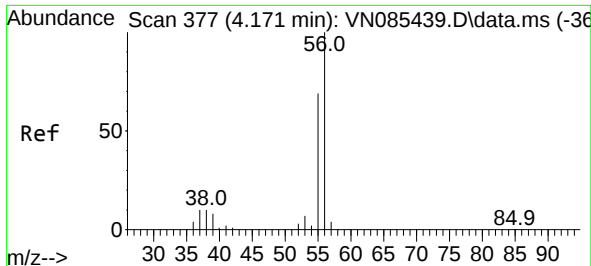


#12
1,1-Dichloroethene
Concen: 21.922 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



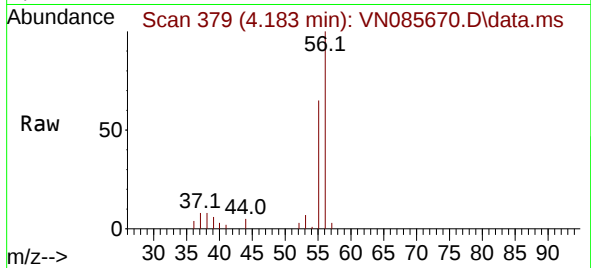
Tgt Ion: 96 Resp: 56475
Ion Ratio Lower Upper
96 100
61 159.2 141.0 211.4
98 65.8 49.0 73.6





#13
Acrolein
Concen: 45.651 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

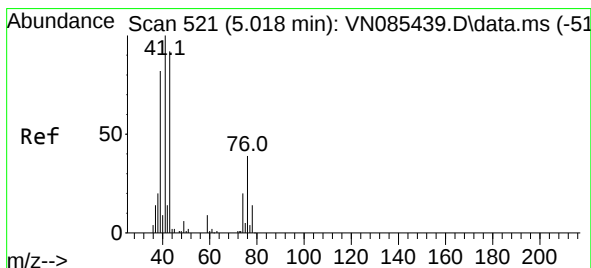
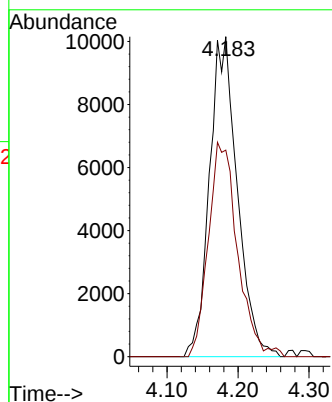
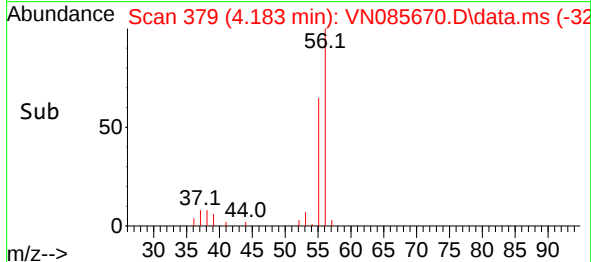
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



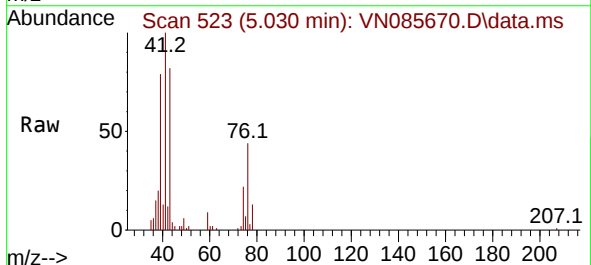
Tgt Ion: 56 Resp: 27649
Ion Ratio Lower Upper
56 100
55 69.4 56.3 84.5

Manual Integrations
APPROVED

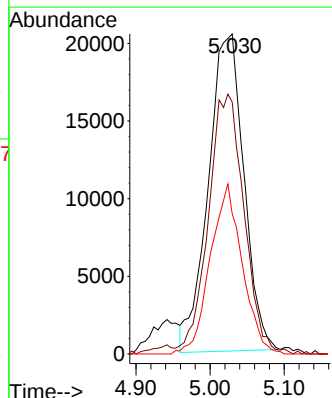
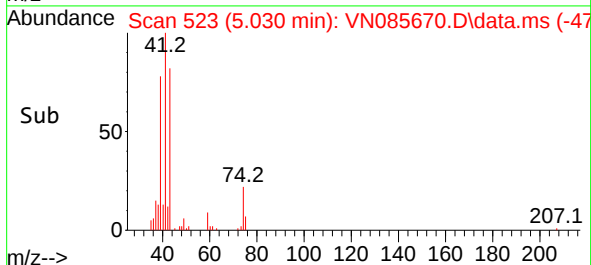
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

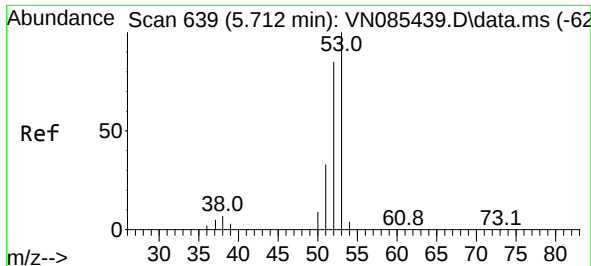


#14
Allyl chloride
Concen: 16.320 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



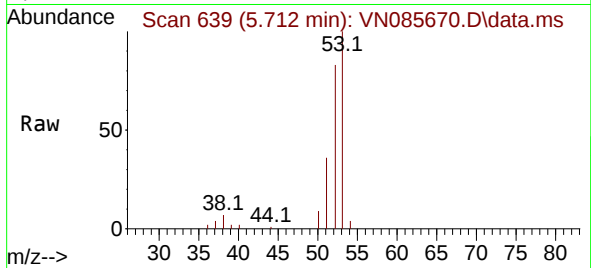
Tgt Ion: 41 Resp: 68221
Ion Ratio Lower Upper
41 100
39 82.0 64.4 96.6
76 48.1 30.5 45.7#





#15
Acrylonitrile
Concen: 87.377 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

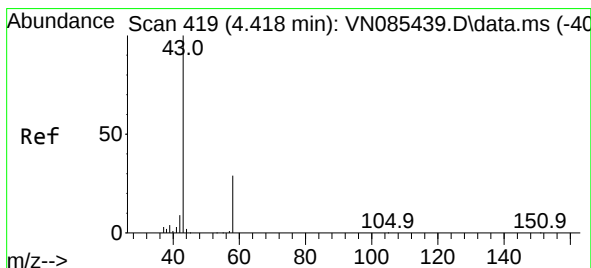
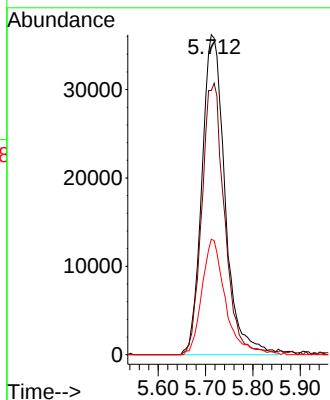
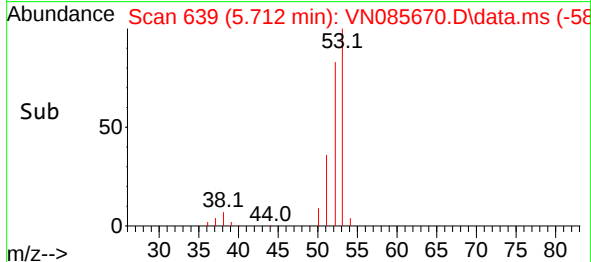
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 53 Resp: 12313
Ion Ratio Lower Upper
53 100
52 83.2 65.5 98.3
51 36.7 29.8 44.8

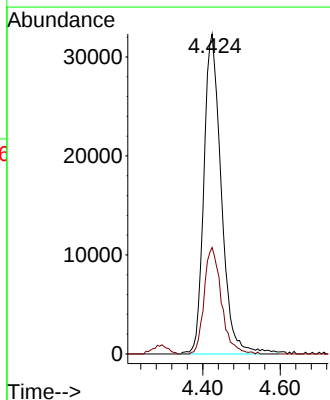
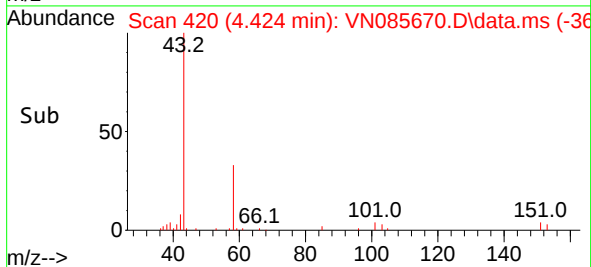
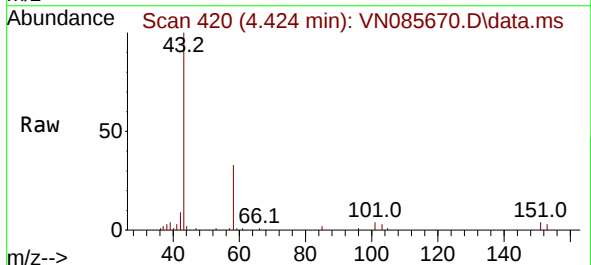
Manual Integrations
APPROVED

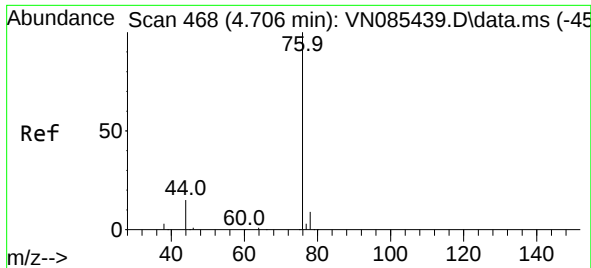
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#16
Acetone
Concen: 80.580 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

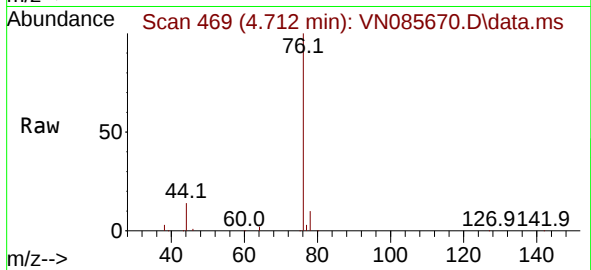
Tgt Ion: 43 Resp: 100882
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.6





#17
Carbon Disulfide
Concen: 21.177 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

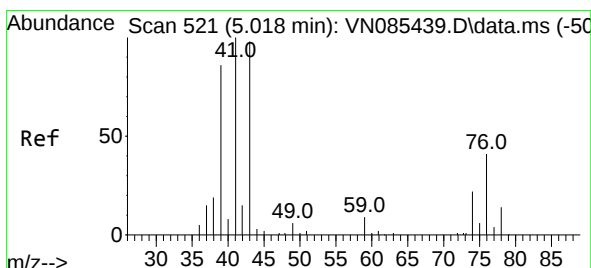
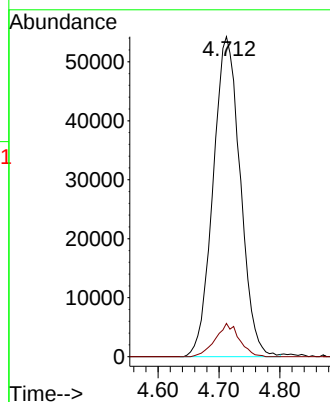
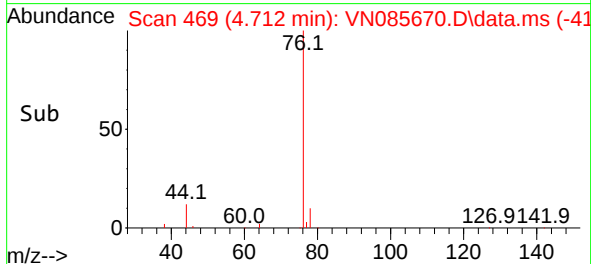
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 76 Resp: 167970
Ion Ratio Lower Upper
76 100
78 10.4 6.9 10.3

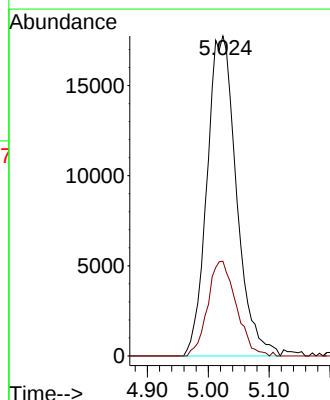
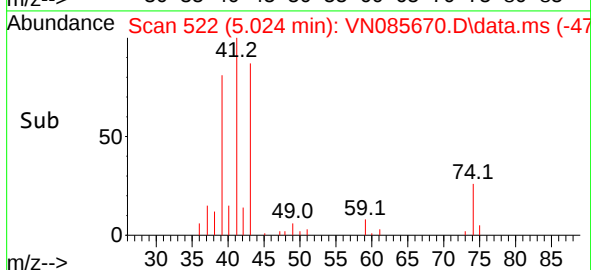
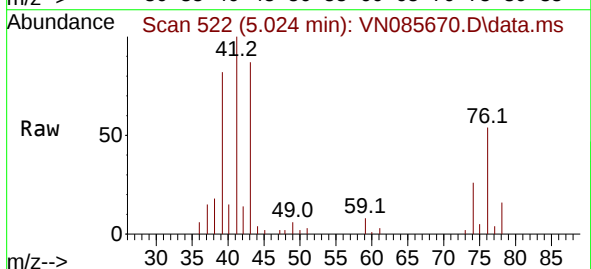
Manual Integrations
APPROVED

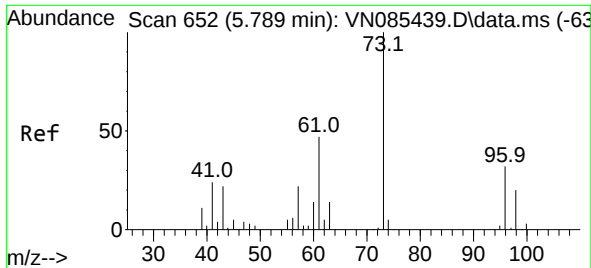
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#18
Methyl Acetate
Concen: 15.691 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Tgt Ion: 43 Resp: 59734
Ion Ratio Lower Upper
43 100
74 28.6 18.6 28.0





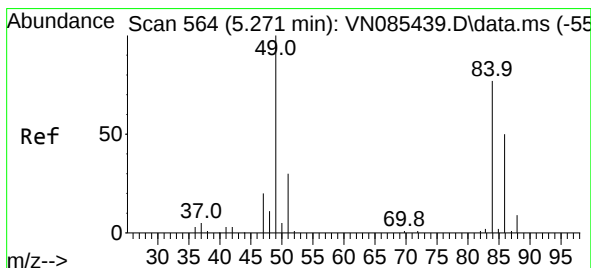
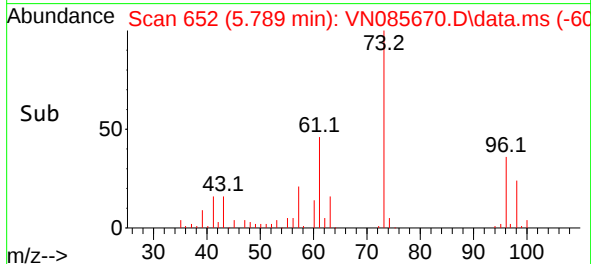
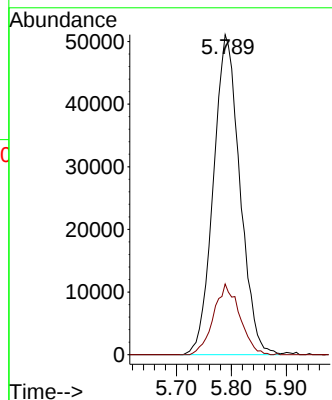
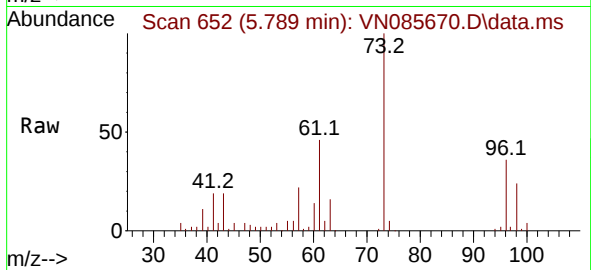
#19
Methyl tert-butyl Ether
Concen: 20.454 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Tgt Ion: 73 Resp: 171099
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

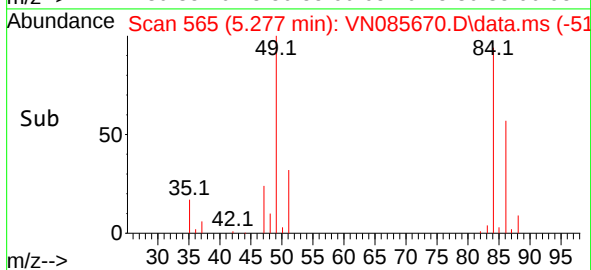
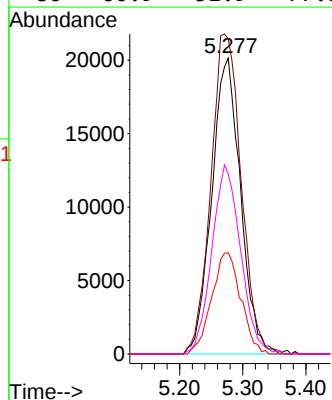
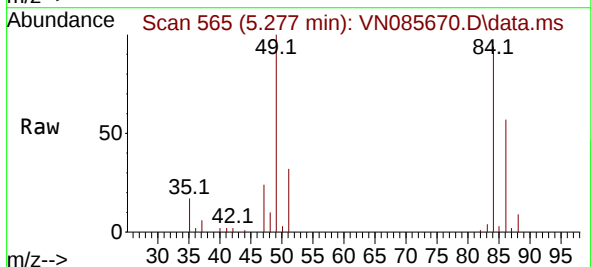
Manual Integrations
APPROVED

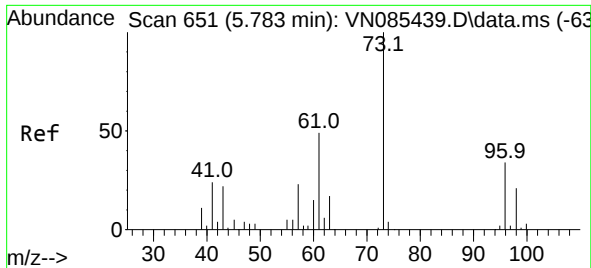
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#20
Methylene Chloride
Concen: 20.578 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

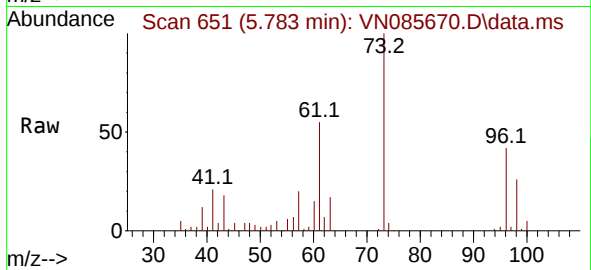
Tgt Ion: 84 Resp: 63776
Ion Ratio Lower Upper
84 100
49 106.6 104.1 156.1
51 34.2 31.0 46.4
86 60.9 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 21.671 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

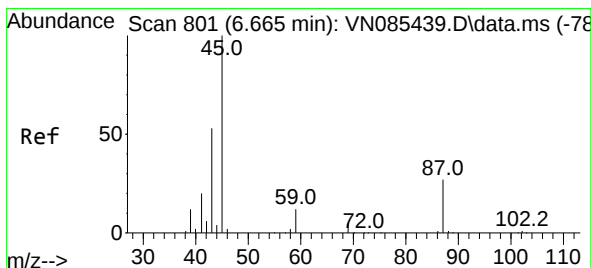
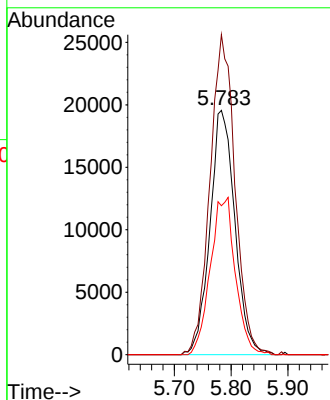
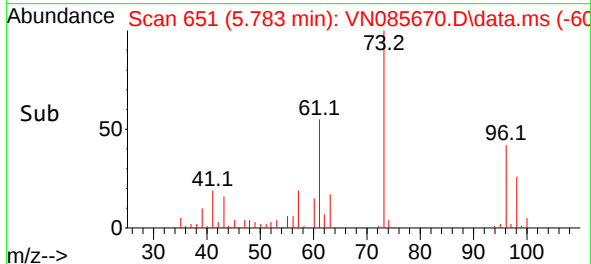
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 96 Resp: 5966
Ion Ratio Lower Upper
96 100
61 131.0 115.7 173.5
98 61.0 49.8 74.8

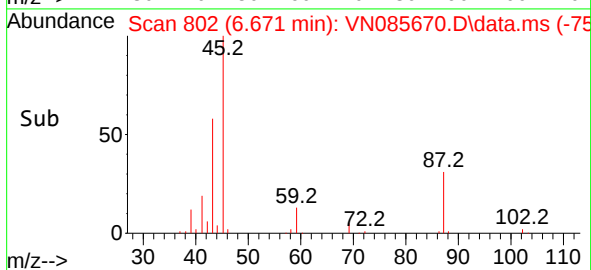
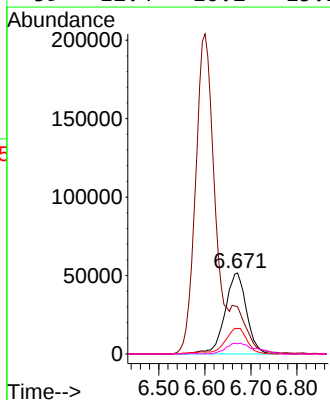
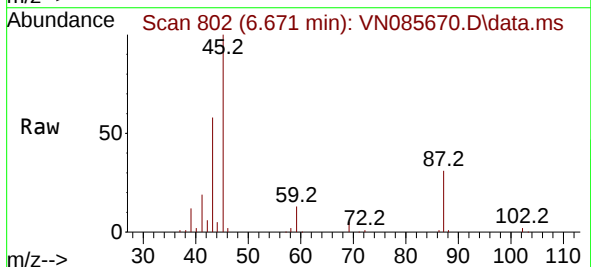
Manual Integrations
APPROVED

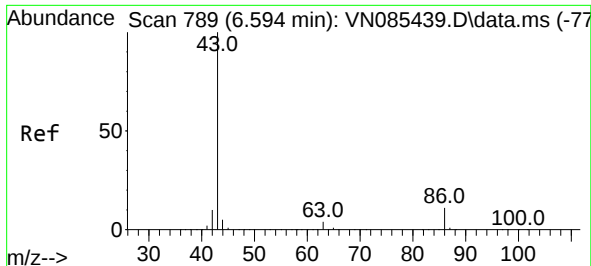
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#22
Diisopropyl ether
Concen: 18.017 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Tgt Ion: 45 Resp: 167167
Ion Ratio Lower Upper
45 100
43 56.7 45.0 67.6
87 31.5 21.8 32.8
59 12.4 10.2 15.2





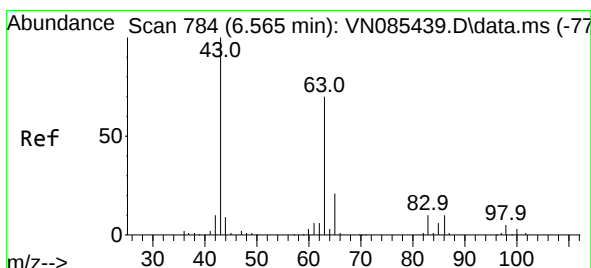
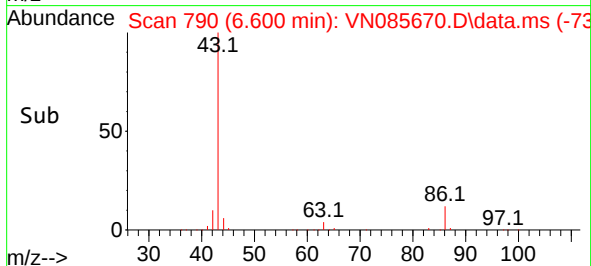
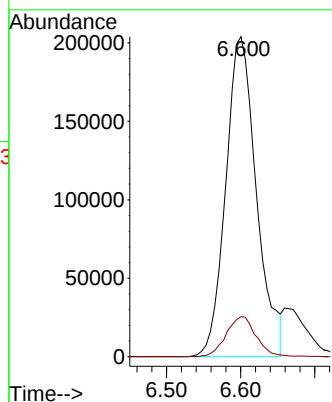
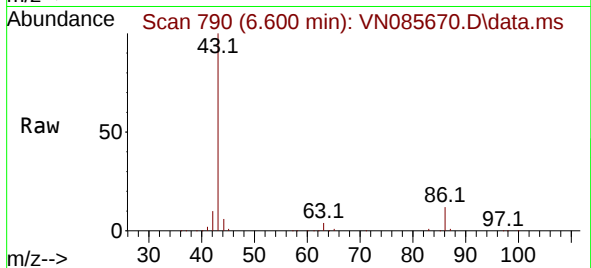
#23
 Vinyl Acetate
 Concen: 90.473 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

Tgt Ion: 43 Resp: 587460
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.4 12.6

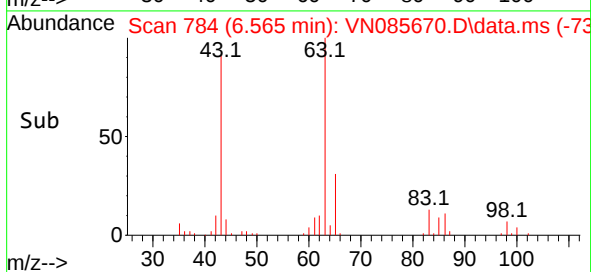
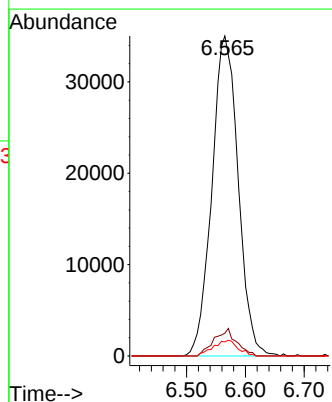
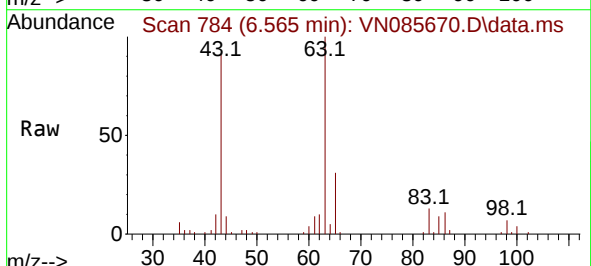
Manual Integrations
 APPROVED

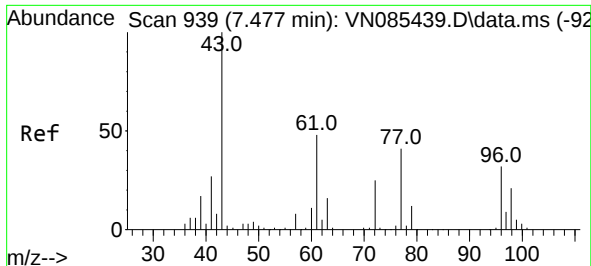
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025



#24
 1,1-Dichloroethane
 Concen: 19.220 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

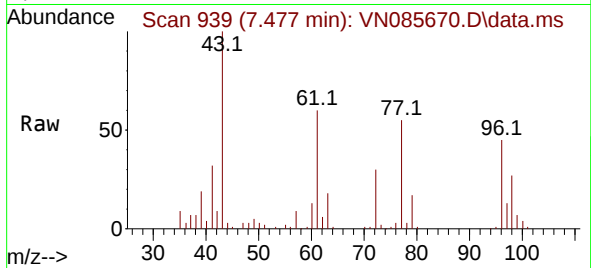
Tgt Ion: 63 Resp: 108738
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 81.987 ug/l
RT: 7.477 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

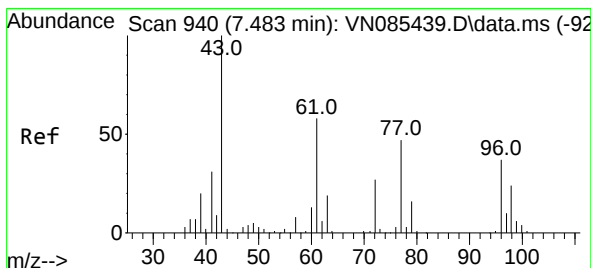
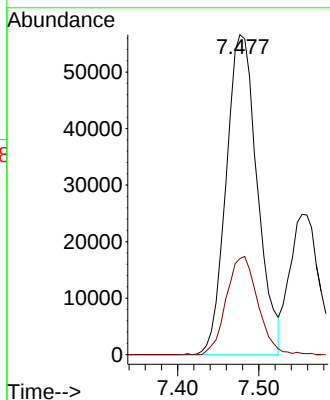
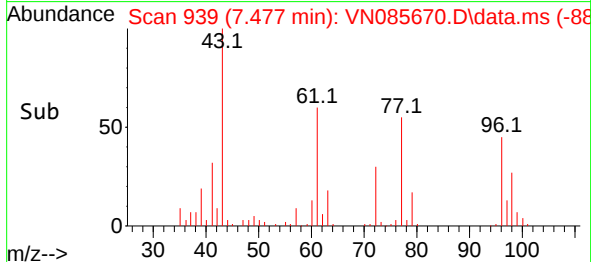
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



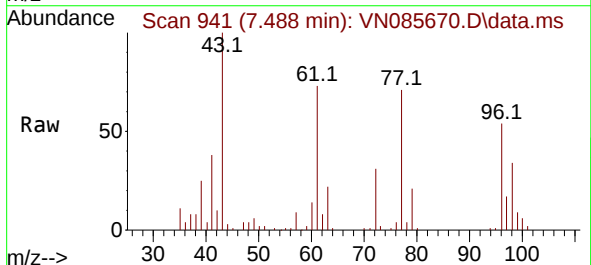
Tgt Ion: 43 Resp: 151049
Ion Ratio Lower Upper
43 100
72 30.1 20.2 30.4

Manual Integrations
APPROVED

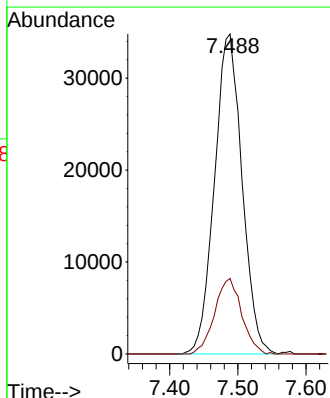
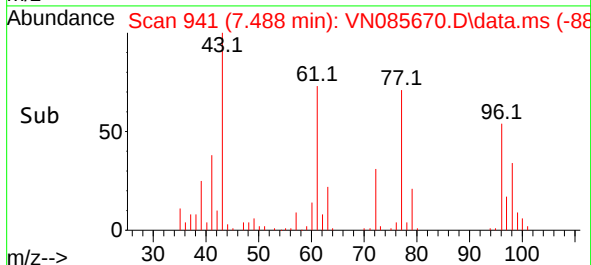
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

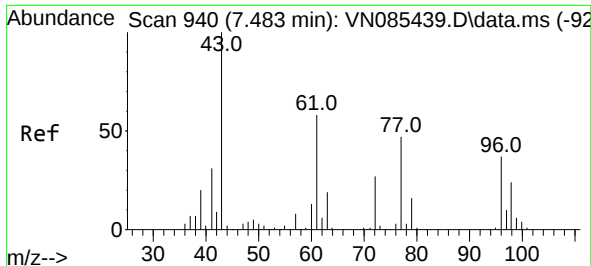


#26
2,2-Dichloropropane
Concen: 21.392 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



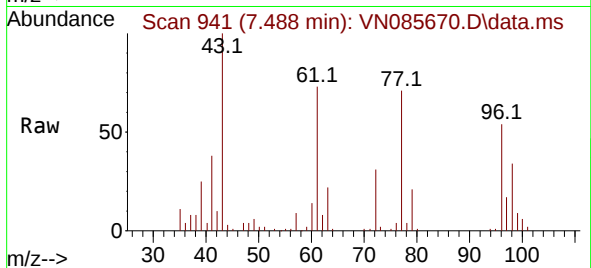
Tgt Ion: 77 Resp: 97850
Ion Ratio Lower Upper
77 100
97 23.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.795 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

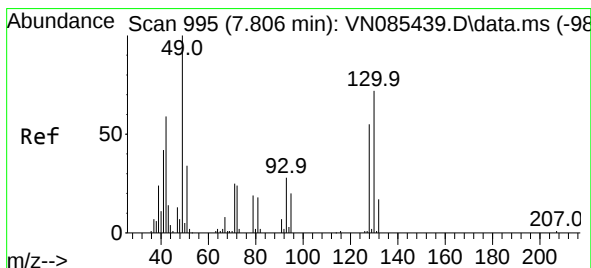
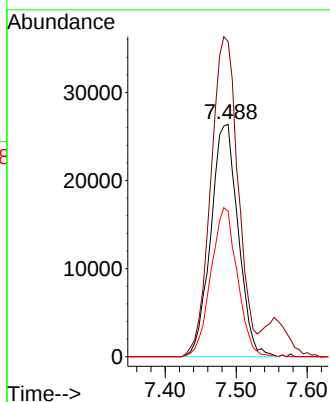
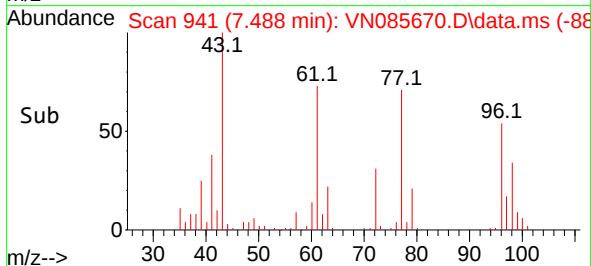
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01



Tgt Ion: 96 Resp: 70670
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 311.8
 98 61.8 0.0 126.0

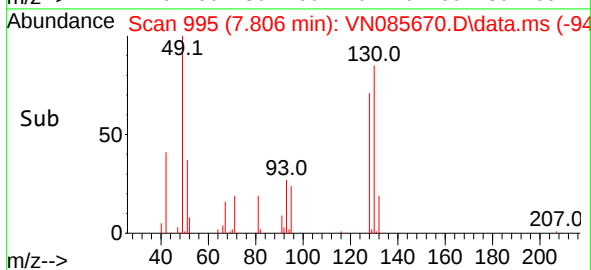
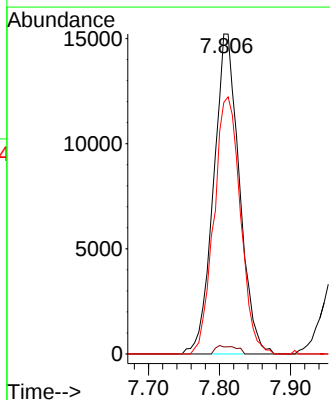
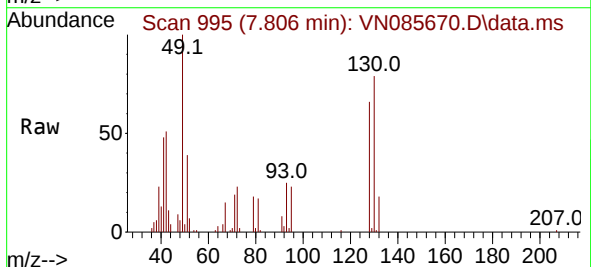
Manual Integrations
 APPROVED

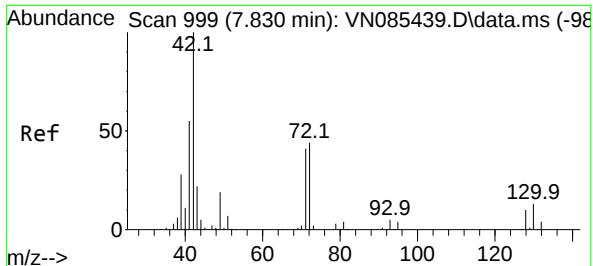
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025



#28
 Bromochloromethane
 Concen: 14.551 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

Tgt Ion: 49 Resp: 38301
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 82.5 55.0 82.4#





#29

Tetrahydrofuran

Concen: 86.542 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

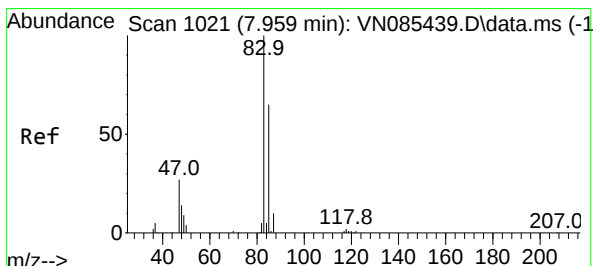
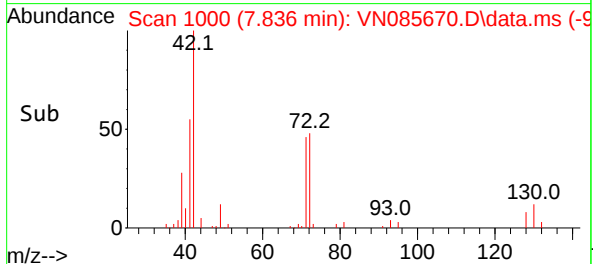
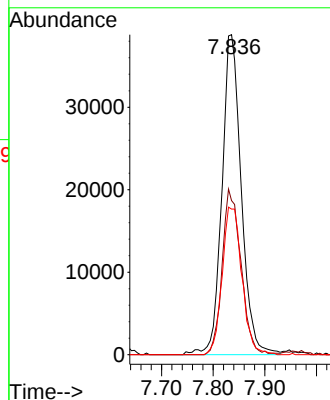
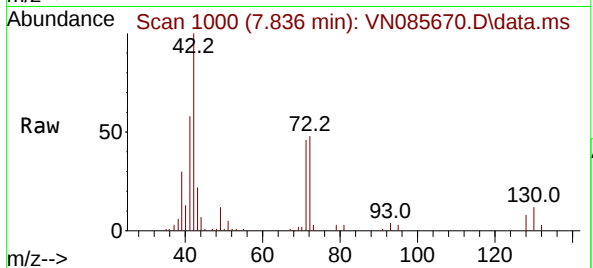
Tgt Ion: 42 Resp: 101086
 Ion Ratio Lower Upper
 42 100
 72 49.9 34.2 51.2
 71 46.9 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#30

Chloroform

Concen: 19.135 ug/l

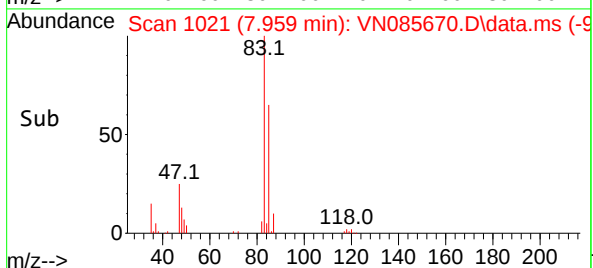
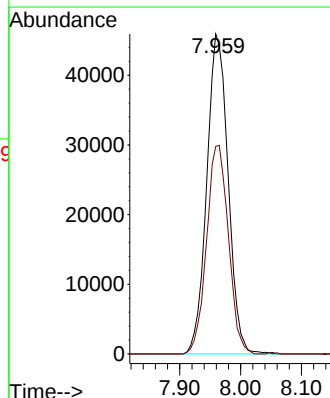
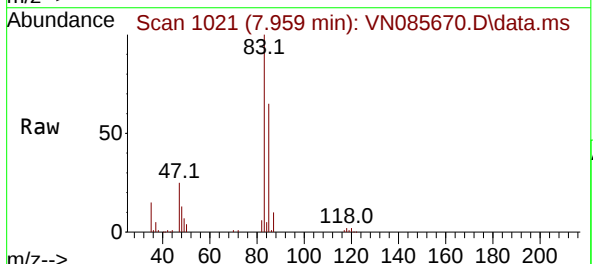
RT: 7.959 min Scan# 1021

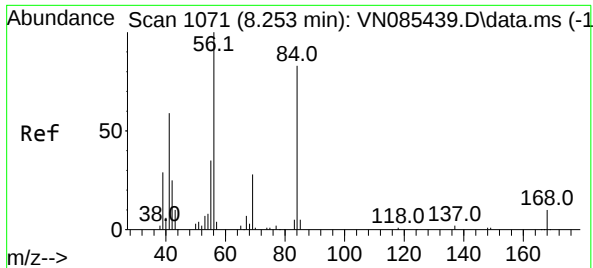
Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

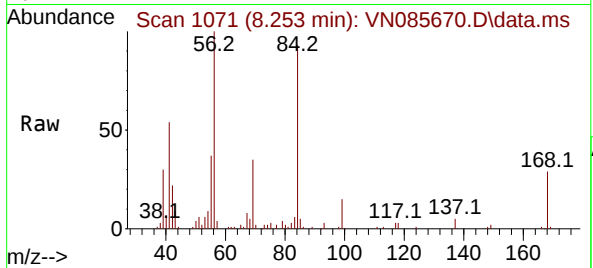
Tgt Ion: 83 Resp: 111885
 Ion Ratio Lower Upper
 83 100
 85 64.9 51.8 77.6





#31
Cyclohexane
Concen: 19.293 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

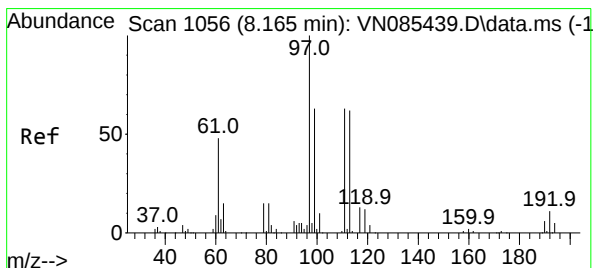
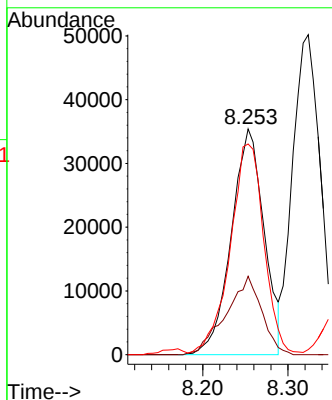
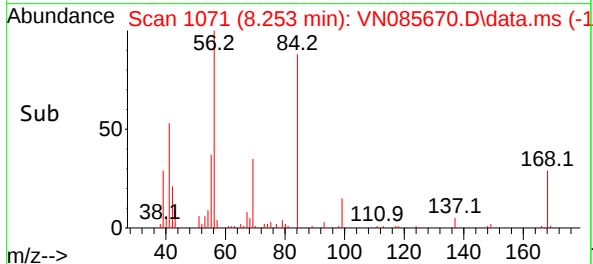
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



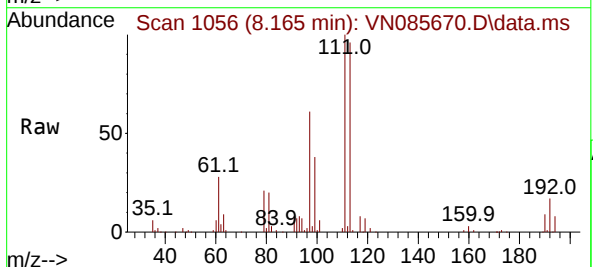
Tgt Ion: 56 Resp: 94870
Ion Ratio Lower Upper
56 100
69 34.7 22.2 33.4
84 90.7 66.4 99.6

Manual Integrations
APPROVED

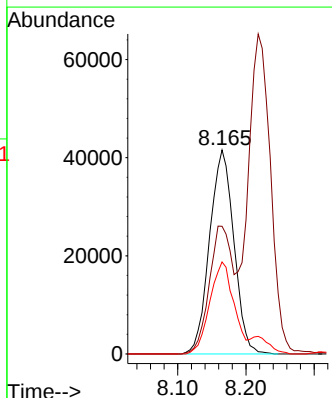
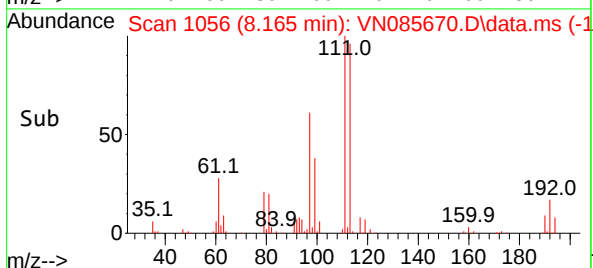
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

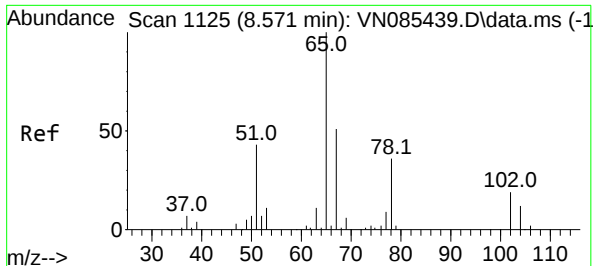


#32
1,1,1-Trichloroethane
Concen: 20.122 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



Tgt Ion: 97 Resp: 103207
Ion Ratio Lower Upper
97 100
99 58.1 49.8 74.6
61 45.7 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 47.774 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

Tgt Ion: 65 Resp: 185109

Ion Ratio Lower Upper

65 100

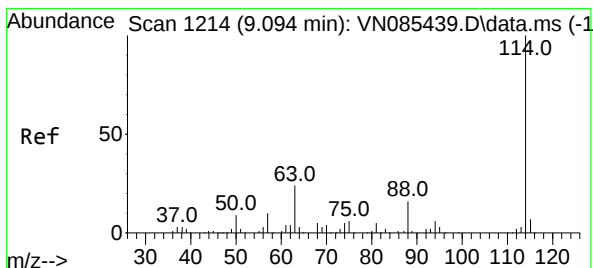
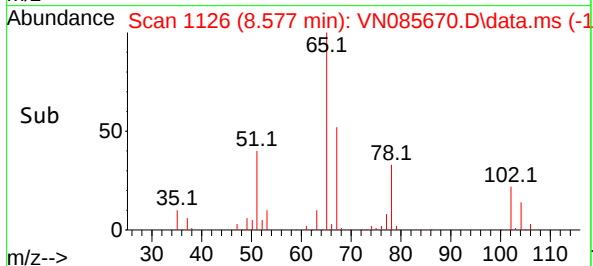
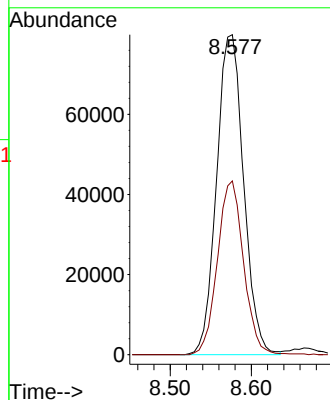
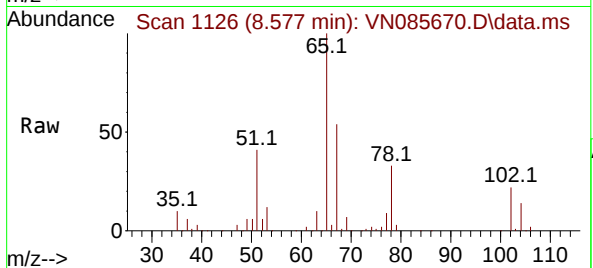
67 52.5 0.0 101.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

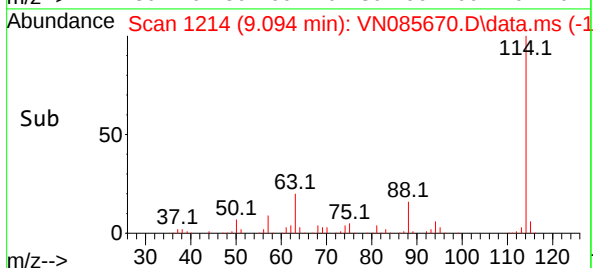
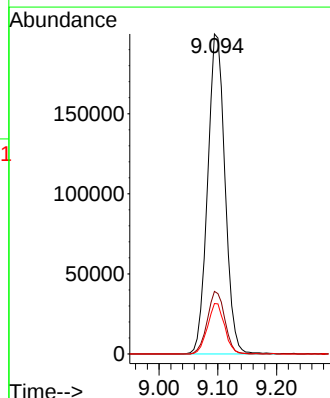
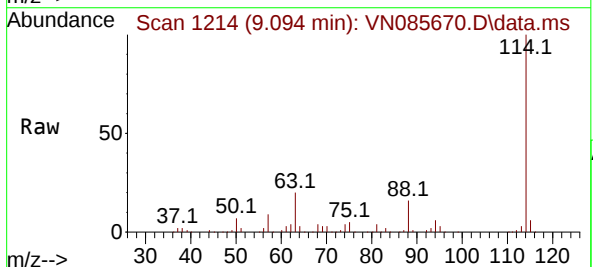
Tgt Ion:114 Resp: 410471

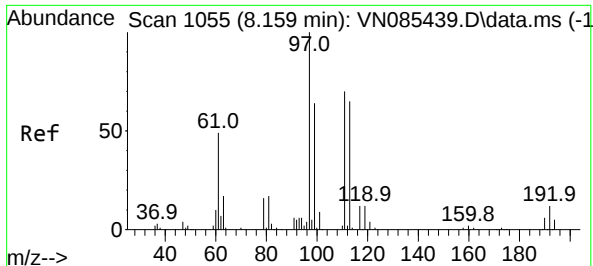
Ion Ratio Lower Upper

114 100

63 19.5 0.0 47.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.291 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

Tgt Ion:113 Resp: 15745

Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

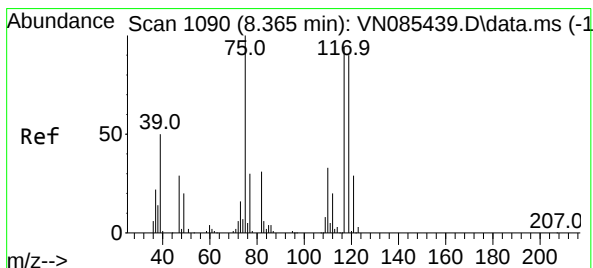
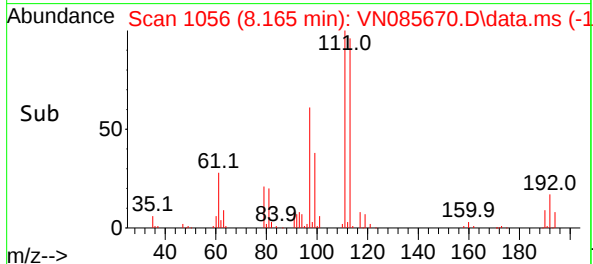
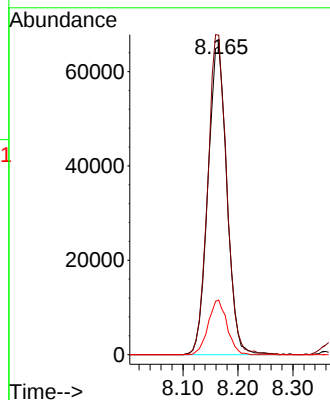
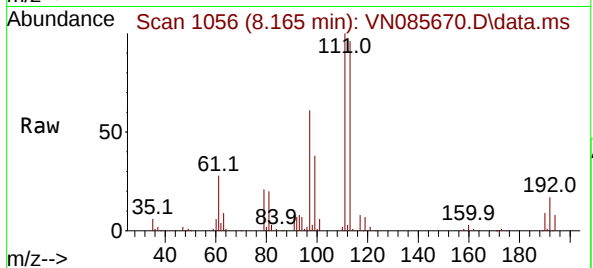
192 17.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#36

1,1-Dichloropropene

Concen: 20.545 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

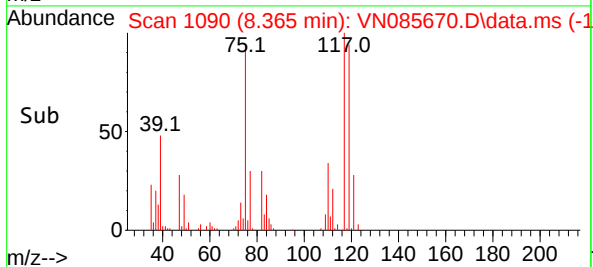
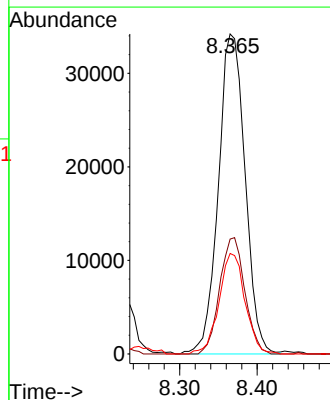
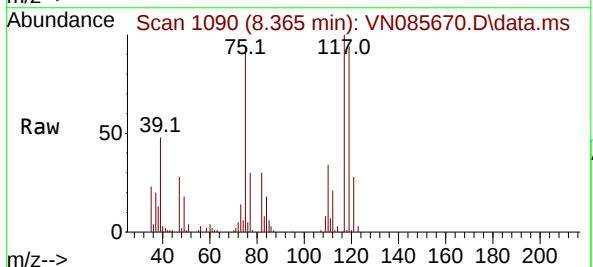
Tgt Ion: 75 Resp: 82112

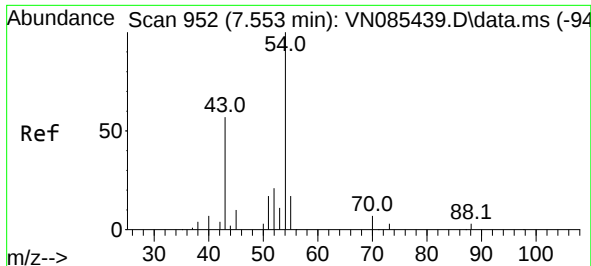
Ion Ratio Lower Upper

75 100

110 34.2 16.5 49.5

77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 16.063 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

Tgt Ion: 43 Resp: 6479

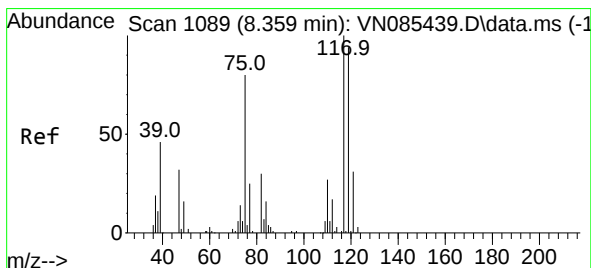
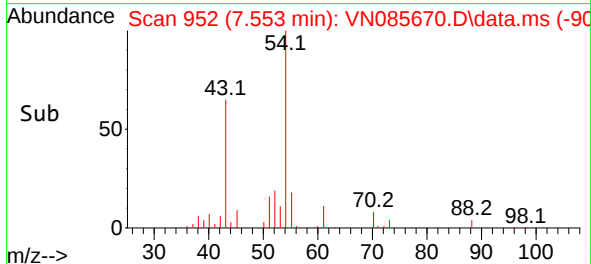
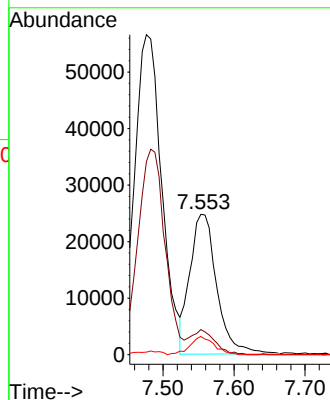
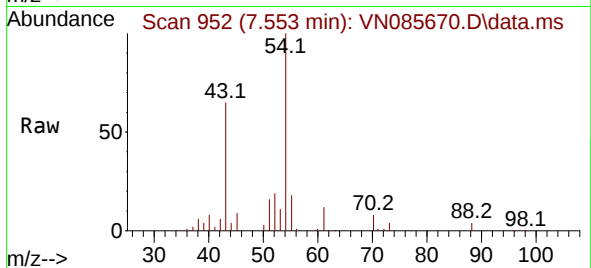
Ion	Ratio	Lower	Upper
43	100		
61	16.2	10.9	16.3
70	11.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#38

Carbon Tetrachloride

Concen: 20.086 ug/l

RT: 8.359 min Scan# 1089

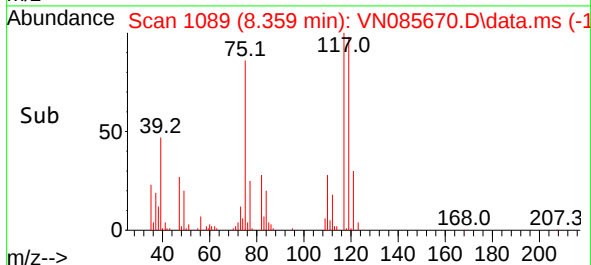
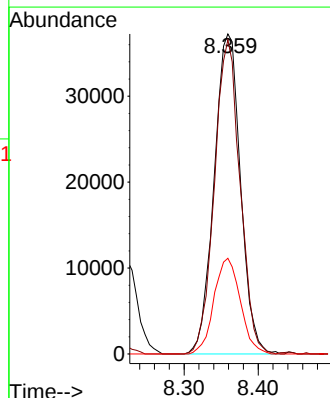
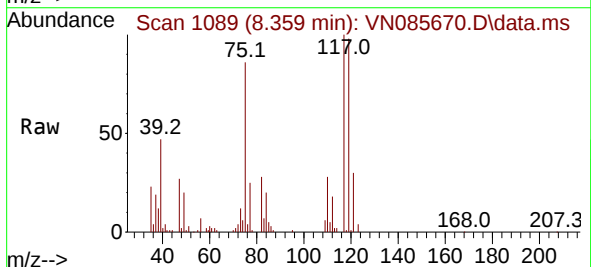
Delta R.T. 0.000 min

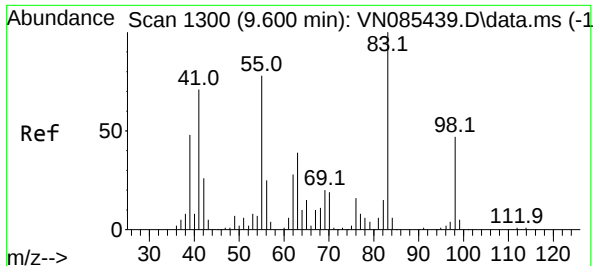
Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Tgt Ion:117 Resp: 91901

Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.4	113.2
121	29.9	24.6	37.0





#39

Methylcyclohexane

Concen: 22.105 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

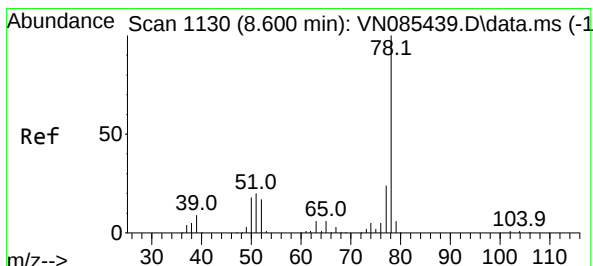
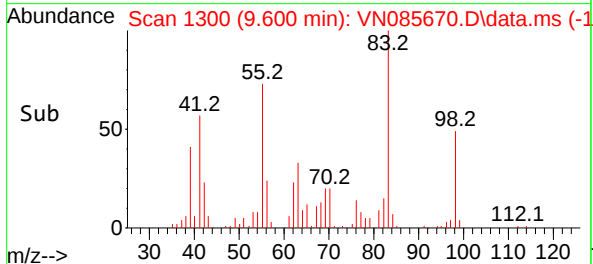
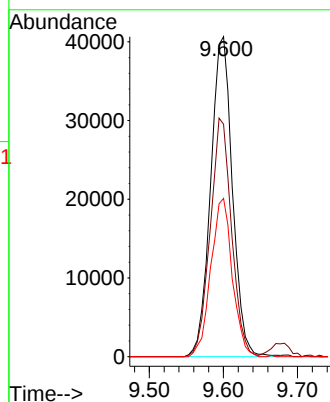
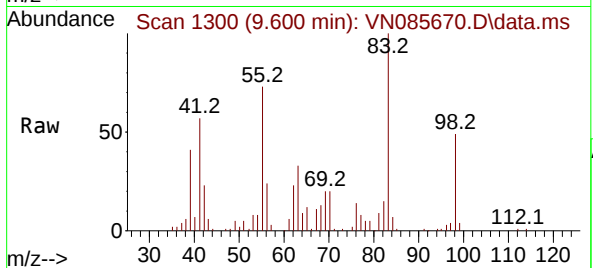
Tgt Ion: 83	Resp: 83019
Ion Ratio	Lower Upper
83	100
55	72.7 62.6 94.0
98	49.4 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#40

Benzene

Concen: 21.222 ug/l

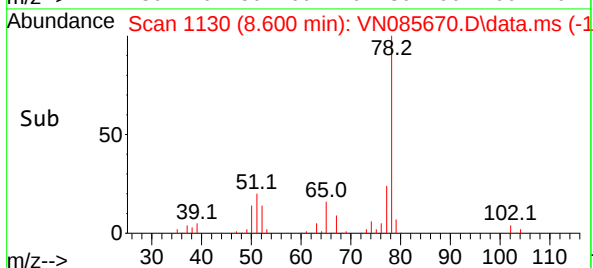
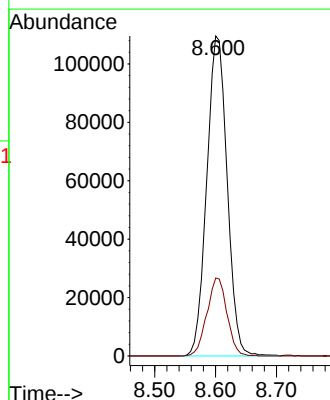
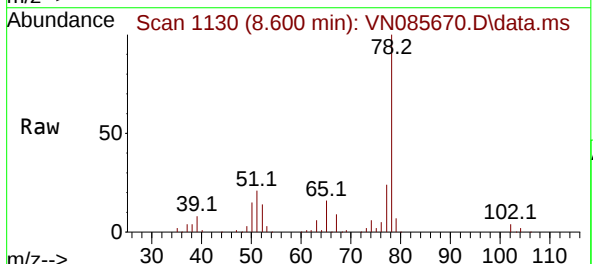
RT: 8.600 min Scan# 1130

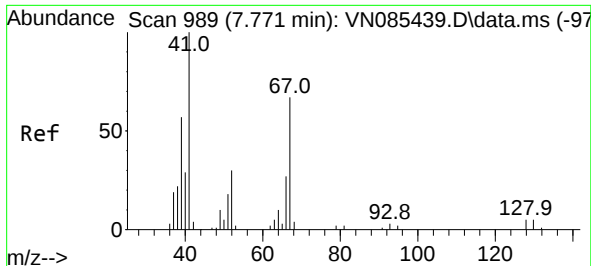
Delta R.T. -0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

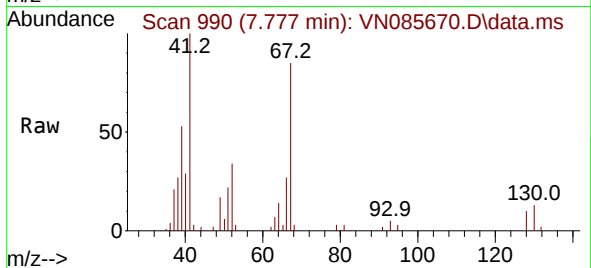
Tgt Ion: 78	Resp: 254842
Ion Ratio	Lower Upper
78	100
77	24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 16.065 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

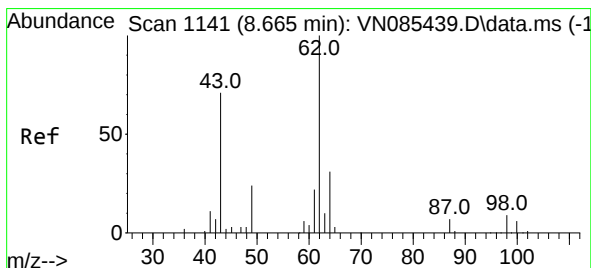
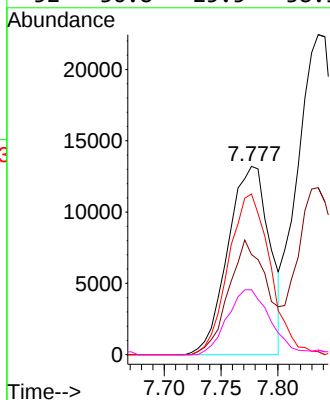
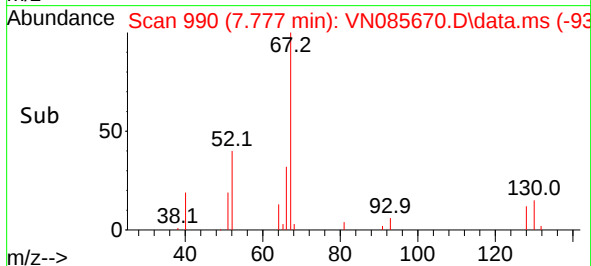
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 41 Resp: 33710
Ion Ratio Lower Upper
41 100
39 56.0 46.0 69.0
67 85.7 57.4 86.2
52 36.8 25.5 38.3

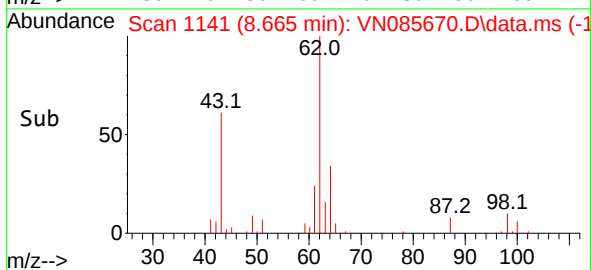
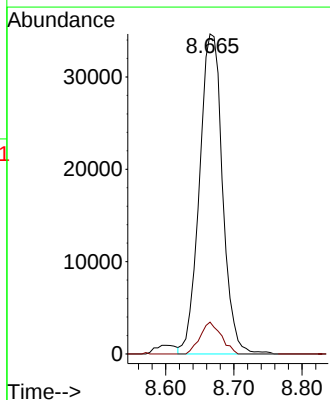
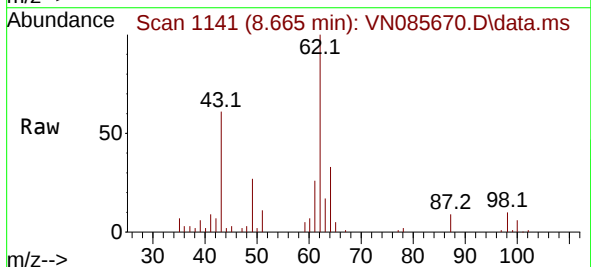
Manual Integrations
APPROVED

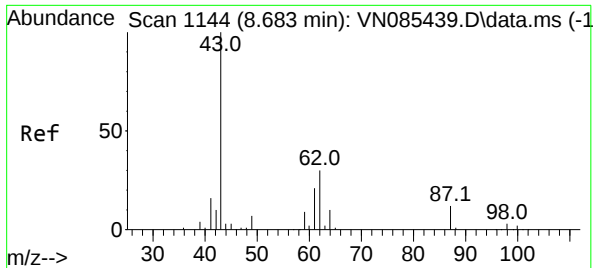
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#42
1,2-Dichloroethane
Concen: 18.049 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

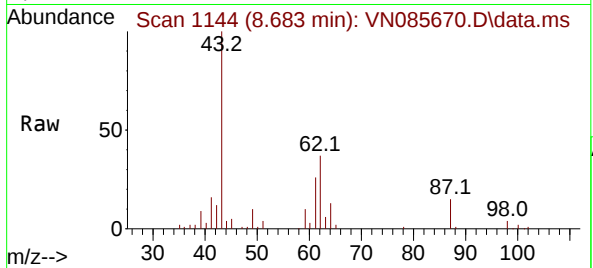
Tgt Ion: 62 Resp: 81634
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.0





#43
Isopropyl Acetate
Concen: 17.450 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

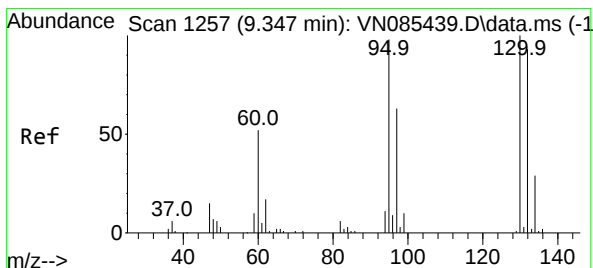
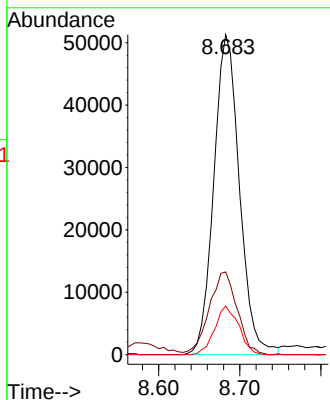
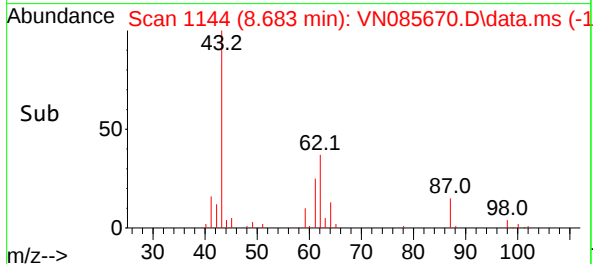
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



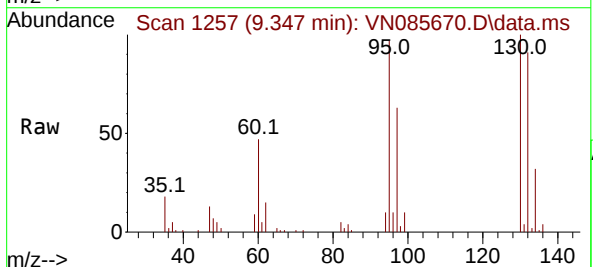
Tgt Ion: 43 Resp: 112790
Ion Ratio Lower Upper
43 100
61 28.2 20.7 31.1
87 14.2 9.8 14.8

Manual Integrations
APPROVED

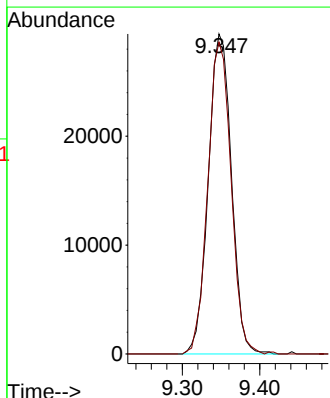
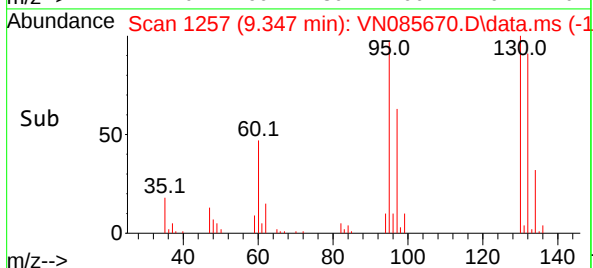
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

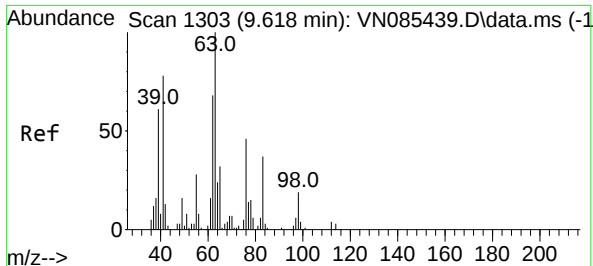


#44
Trichloroethene
Concen: 21.824 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



Tgt Ion:130 Resp: 61005
Ion Ratio Lower Upper
130 100
95 97.4 0.0 195.8





#45

1,2-Dichloropropane

Concen: 19.688 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

Tgt Ion: 63 Resp: 6038

Ion Ratio Lower Upper

63 100

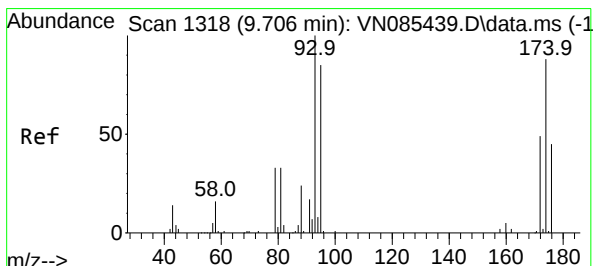
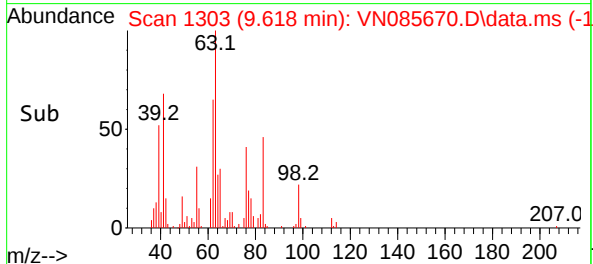
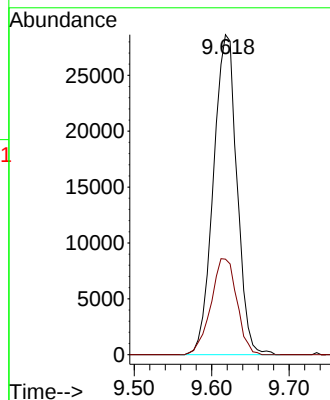
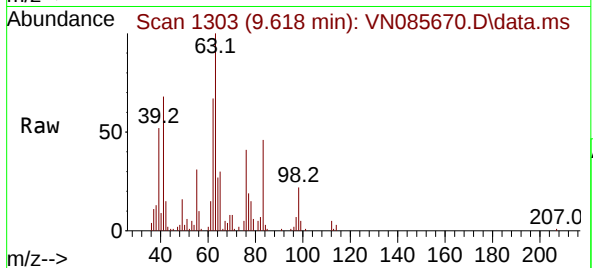
65 29.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#46

Dibromomethane

Concen: 19.626 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

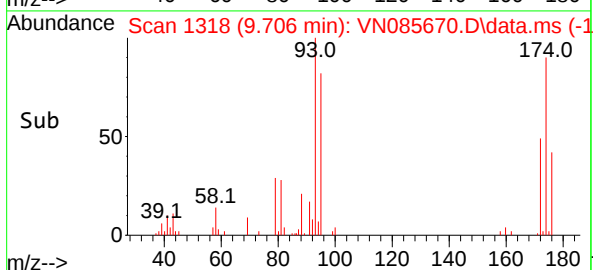
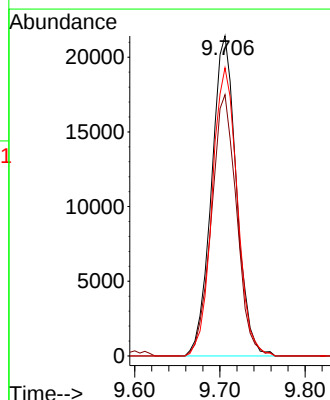
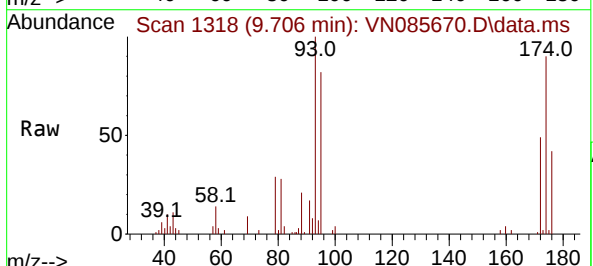
Tgt Ion: 93 Resp: 43437

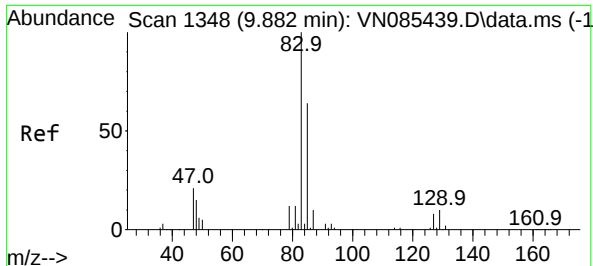
Ion Ratio Lower Upper

93 100

95 82.6 64.7 97.1

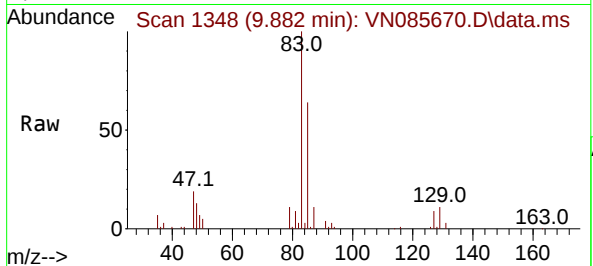
174 90.7 69.0 103.4





#47
Bromodichloromethane
Concen: 19.749 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

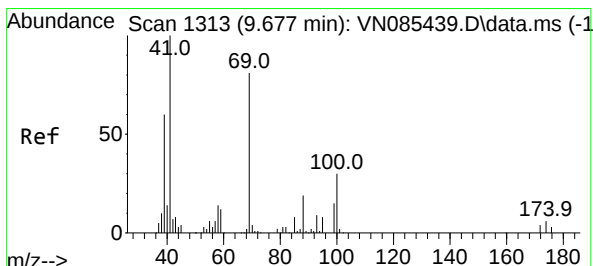
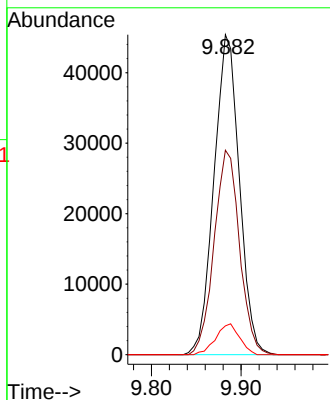
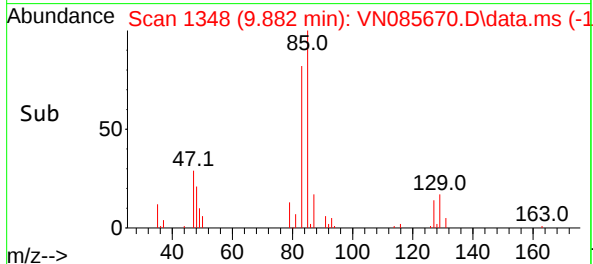
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



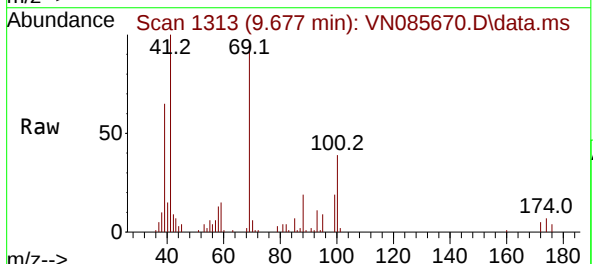
Tgt Ion: 83 Resp: 89049
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8
127 9.0 6.5 9.7

Manual Integrations
APPROVED

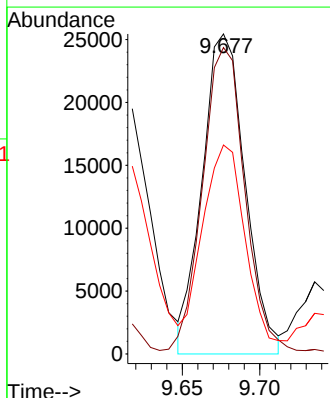
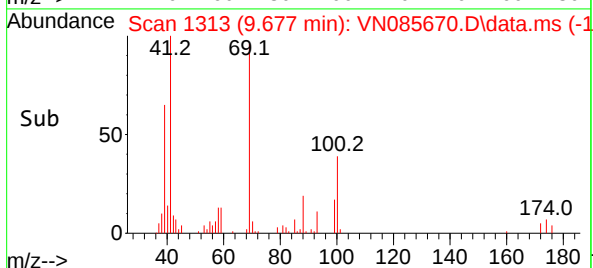
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

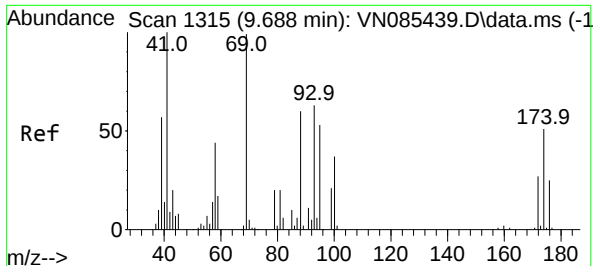


#48
Methyl methacrylate
Concen: 16.836 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



Tgt Ion: 41 Resp: 48974
Ion Ratio Lower Upper
41 100
69 96.1 64.7 97.1
39 67.3 49.0 73.6





#49

1,4-Dioxane

Concen: 352.553 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085670.D

Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01

Tgt Ion: 88 Resp: 17270

Ion Ratio Lower Upper

88 100

43 28.7 26.6 39.8

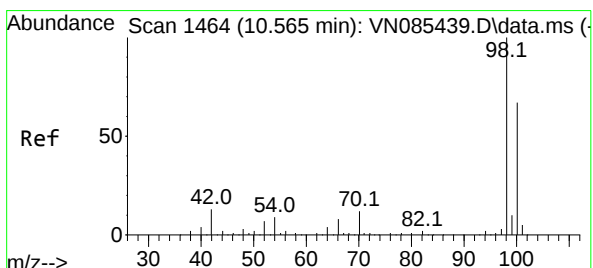
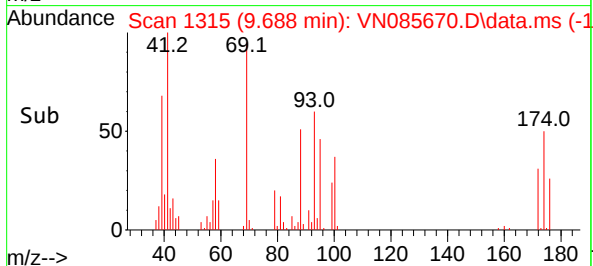
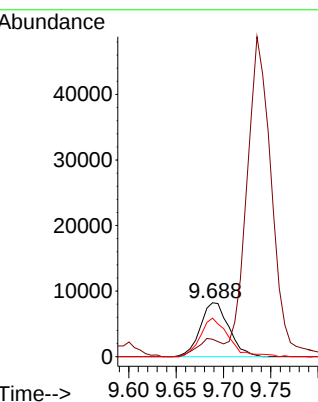
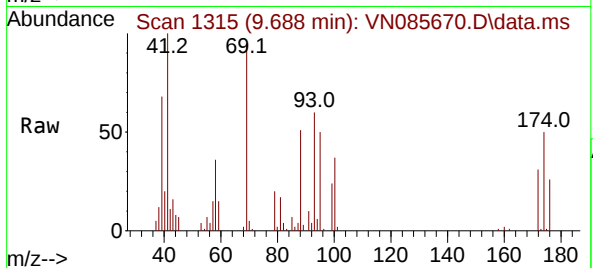
58 70.9 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2025

Supervised By :Mahesh Dadoda 02/07/2025



#50

Toluene-d8

Concen: 57.066 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085670.D

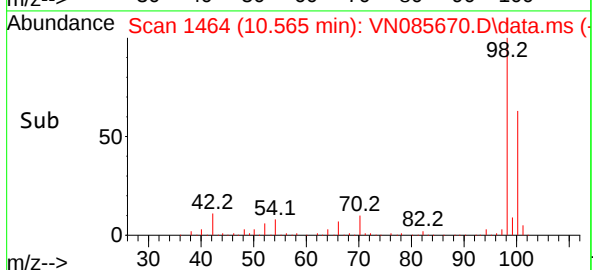
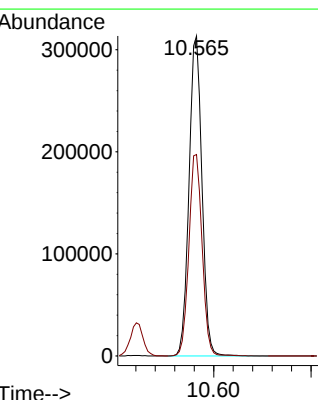
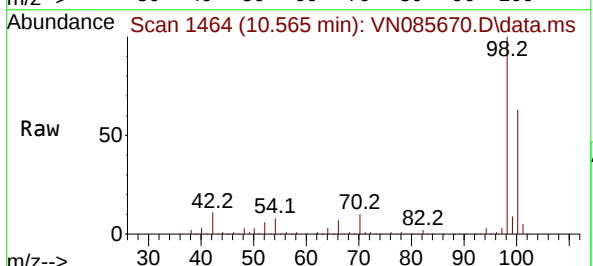
Acq: 05 Feb 2025 12:23

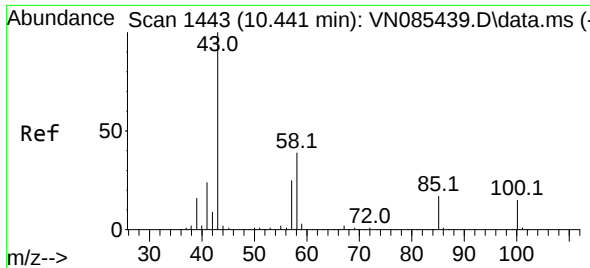
Tgt Ion: 98 Resp: 577376

Ion Ratio Lower Upper

98 100

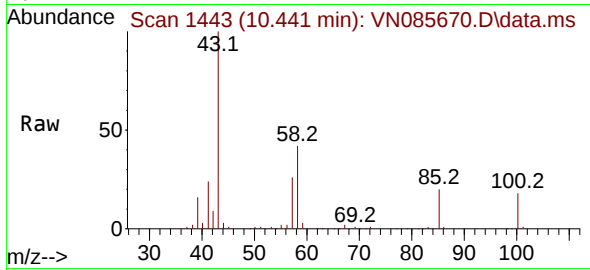
100 64.5 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 86.562 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

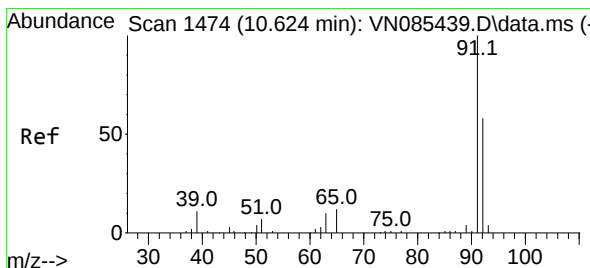
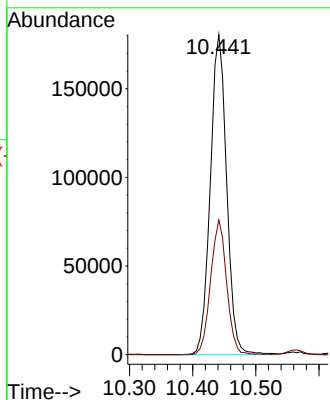
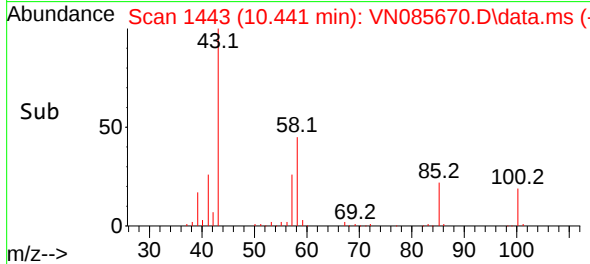
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



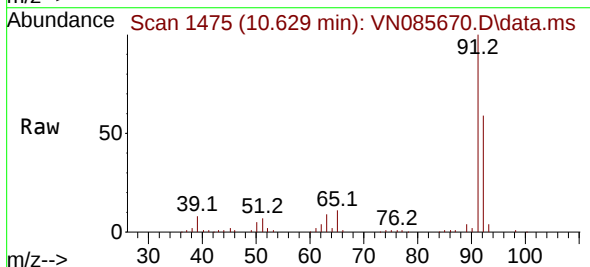
Tgt Ion: 43 Resp: 324680
Ion Ratio Lower Upper
43 100
58 41.3 30.5 45.7

Manual Integrations
APPROVED

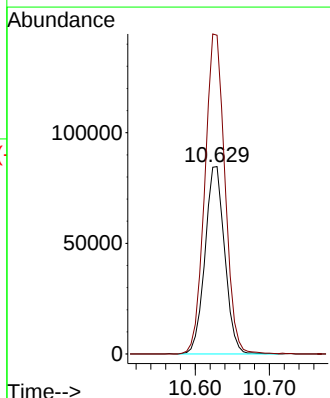
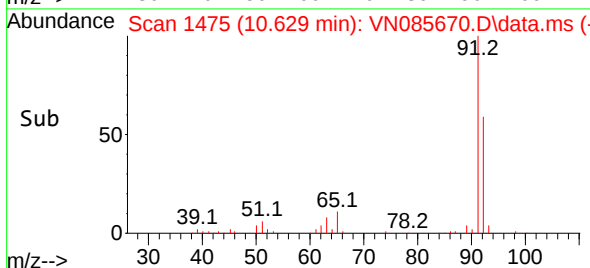
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

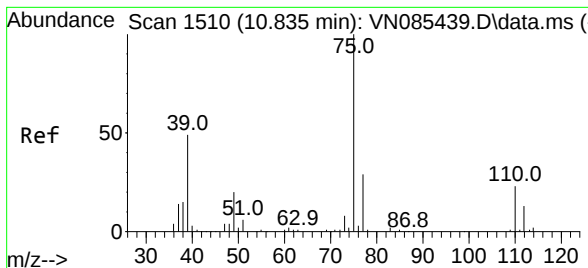


#52
Toluene
Concen: 22.472 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



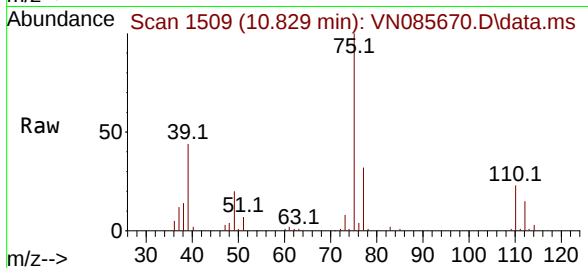
Tgt Ion: 92 Resp: 156364
Ion Ratio Lower Upper
92 100
91 174.4 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 20.348 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

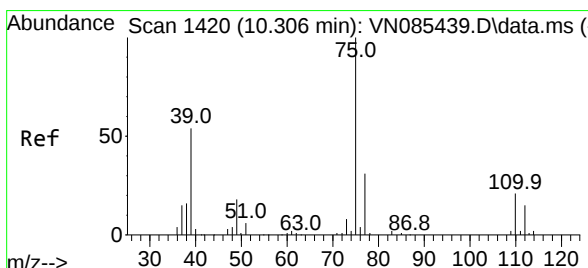
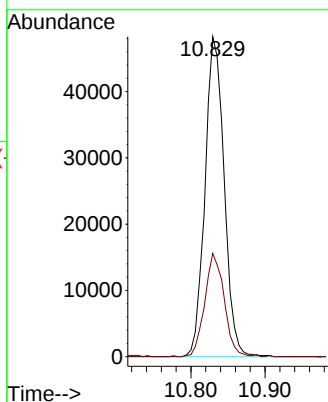
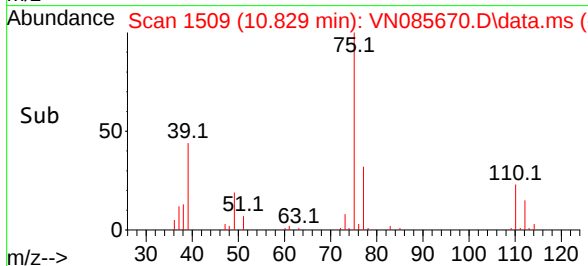
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 75 Resp: 8670
Ion Ratio Lower Upper
75 100
77 32.2 23.5 35.3

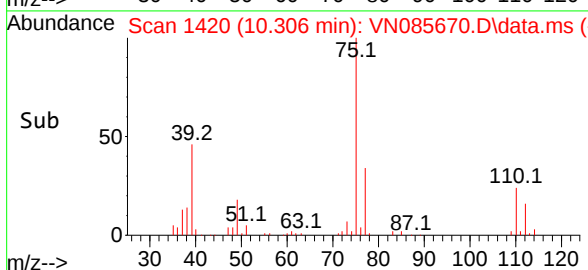
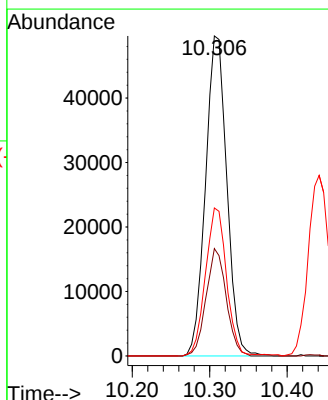
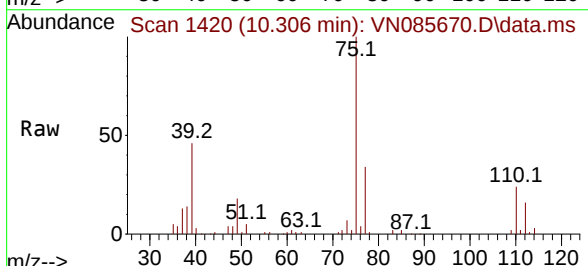
Manual Integrations
APPROVED

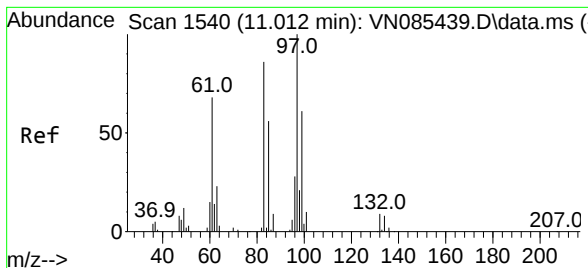
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#54
cis-1,3-Dichloropropene
Concen: 20.870 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

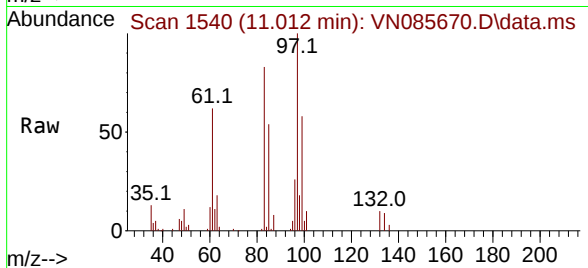
Tgt Ion: 75 Resp: 94993
Ion Ratio Lower Upper
75 100
77 33.6 25.0 37.4
39 46.2 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 21.018 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

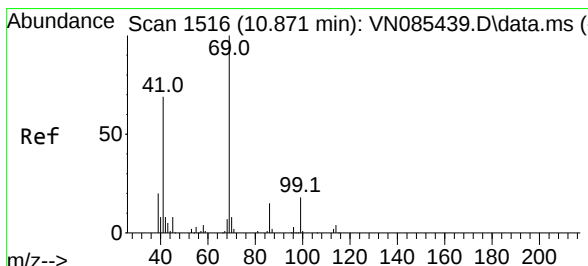
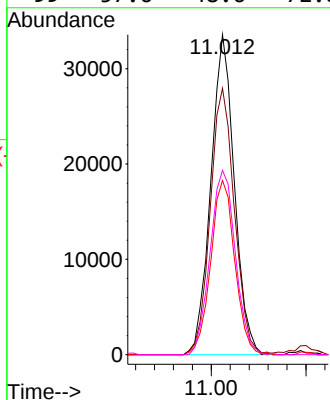
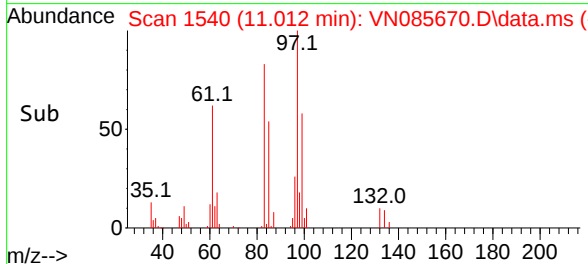
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



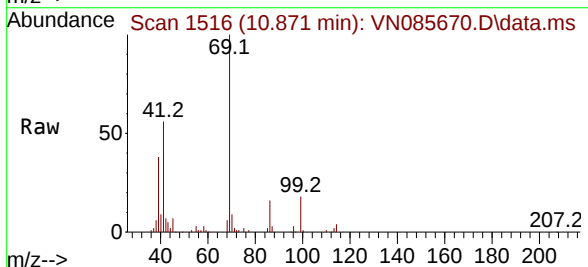
Tgt Ion: 97	Resp: 57870
Ion Ratio	Lower Upper
97 100	
83 83.3	69.0 103.6
85 54.4	44.6 66.8
99 57.6	48.6 72.8

Manual Integrations
APPROVED

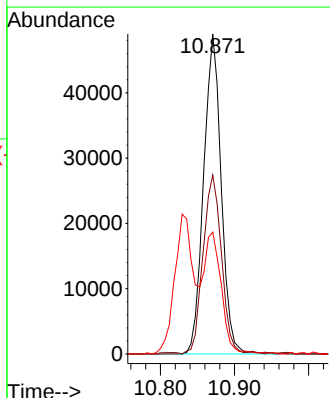
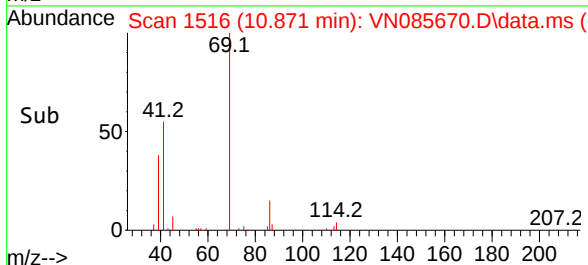
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

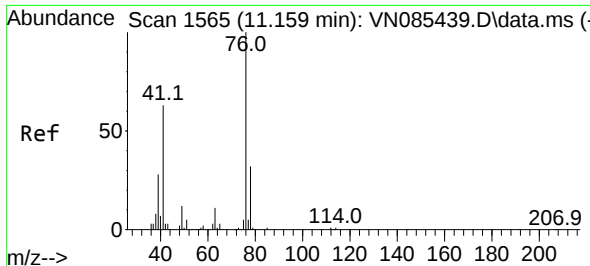


#56
Ethyl methacrylate
Concen: 18.652 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



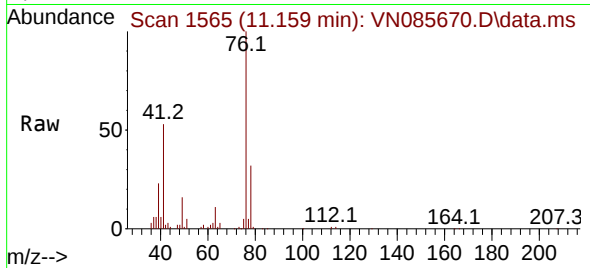
Tgt Ion: 69	Resp: 80678
Ion Ratio	Lower Upper
69 100	
41 58.5	54.6 82.0
39 36.9	32.4 48.6





#57
1,3-Dichloropropane
Concen: 20.284 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

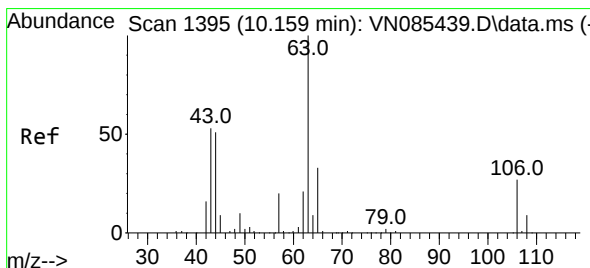
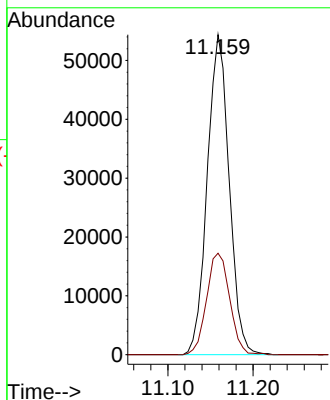
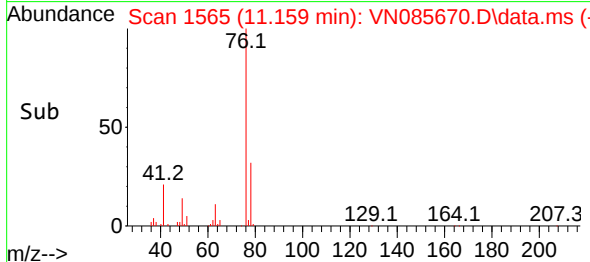
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



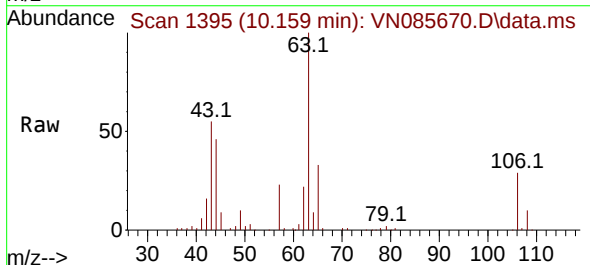
Tgt Ion: 76 Resp: 97119
Ion Ratio Lower Upper
76 100
78 33.4 25.6 38.4

Manual Integrations
APPROVED

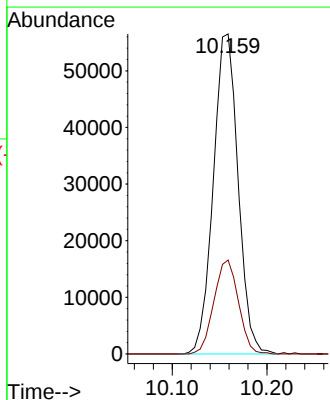
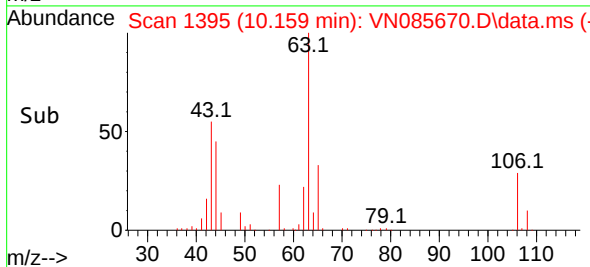
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

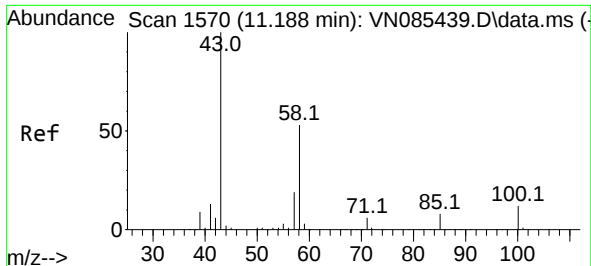


#58
2-Chloroethyl Vinyl ether
Concen: 58.801 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



Tgt Ion: 63 Resp: 102750
Ion Ratio Lower Upper
63 100
106 29.0 21.6 32.4





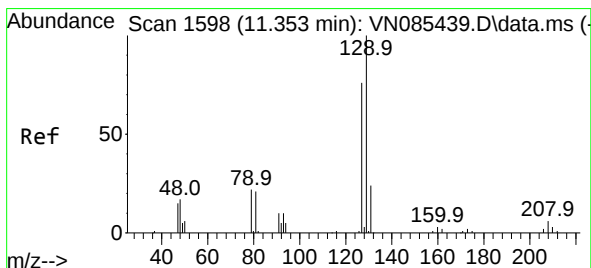
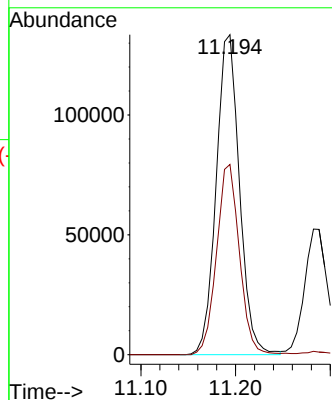
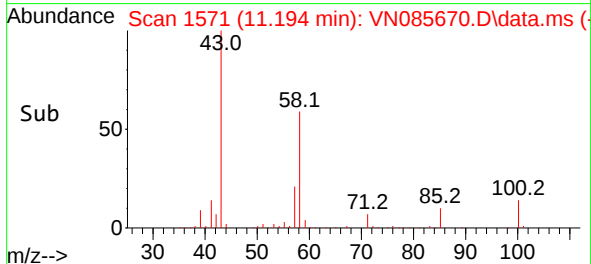
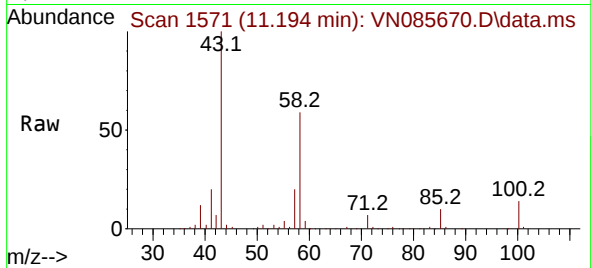
#59
2-Hexanone
Concen: 86.508 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Tgt Ion: 43 Resp: 22831
Ion Ratio Lower Upper
43 100
58 58.5 26.2 78.6

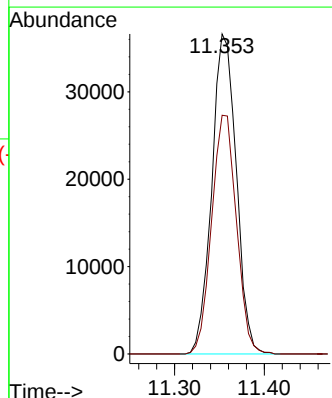
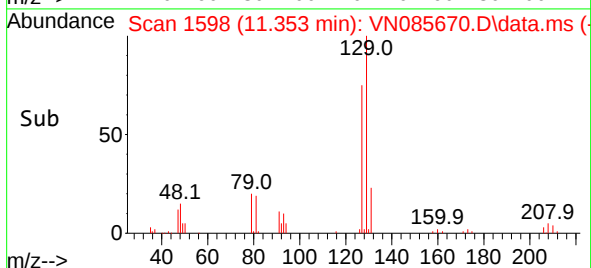
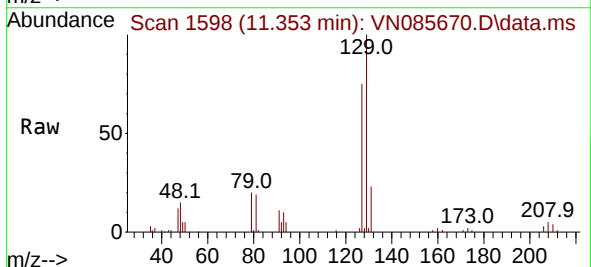
Manual Integrations
APPROVED

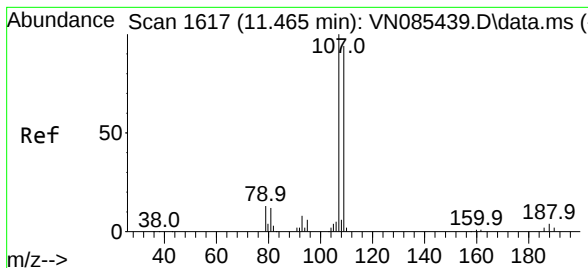
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#60
Dibromochloromethane
Concen: 20.853 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Tgt Ion:129 Resp: 69325
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8





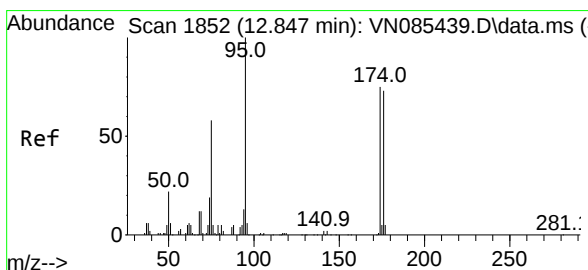
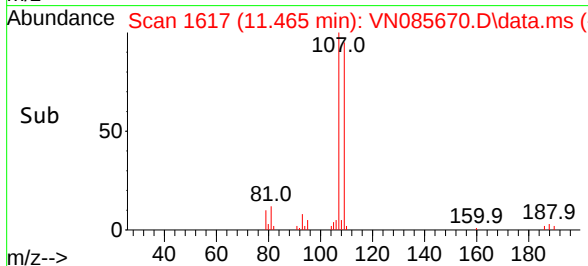
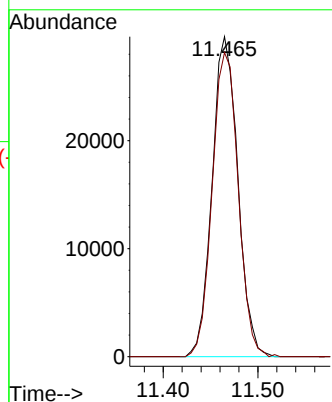
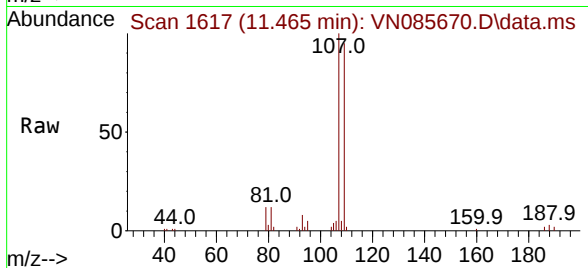
#61
1,2-Dibromoethane
Concen: 20.387 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Tgt Ion:107 Resp: 5588
Ion Ratio Lower Upper
107 100
109 96.1 75.9 113.9

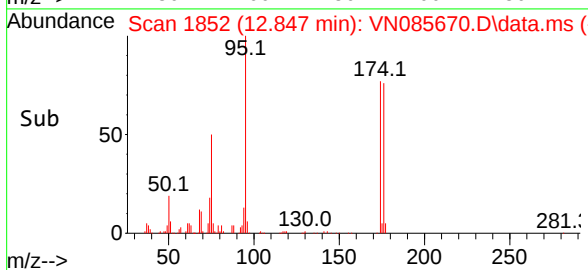
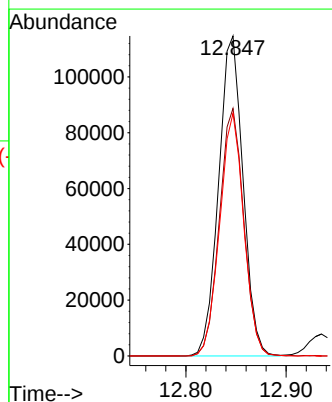
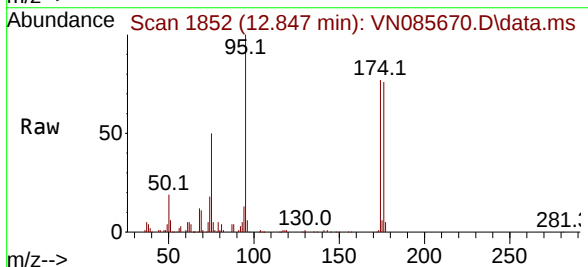
Manual Integrations
APPROVED

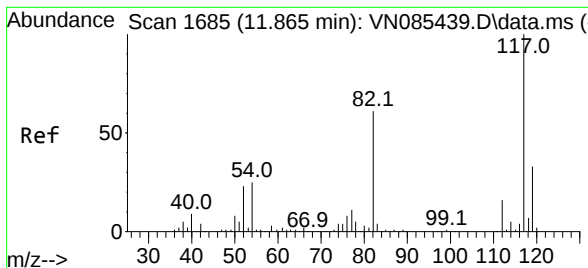
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#62
4-Bromofluorobenzene
Concen: 56.046 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

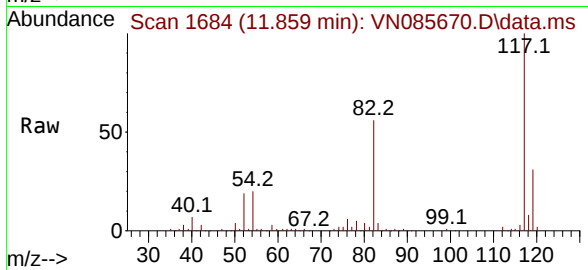
Tgt Ion: 95 Resp: 193977
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.0
176 74.7 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

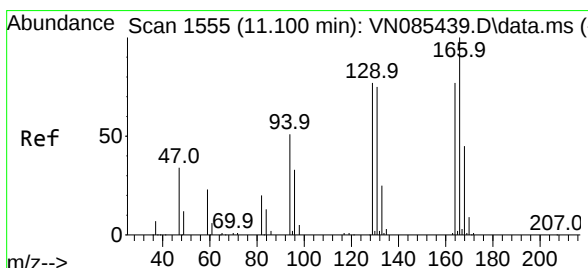
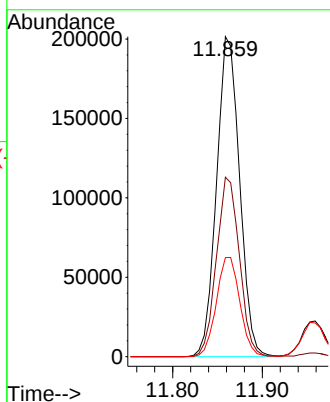
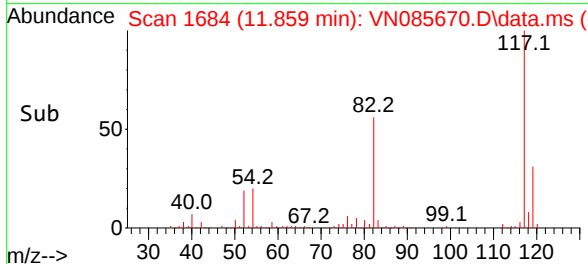
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion:117 Resp: 35977
Ion Ratio Lower Upper
117 100
82 56.1 48.6 72.8
119 30.9 26.6 39.8

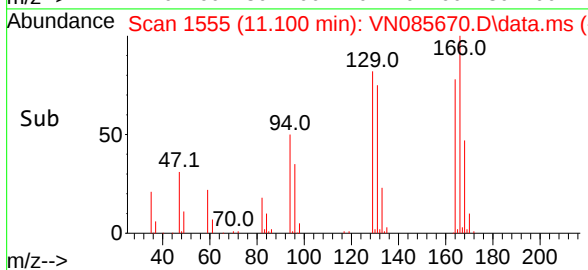
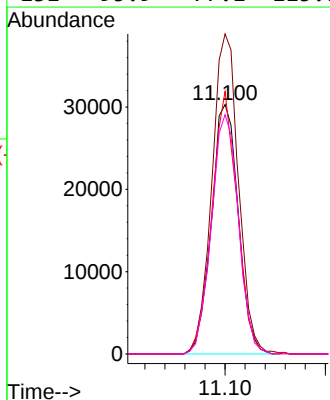
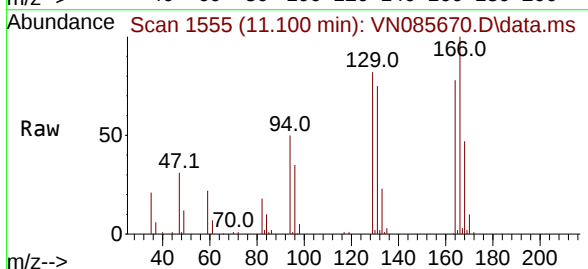
Manual Integrations
APPROVED

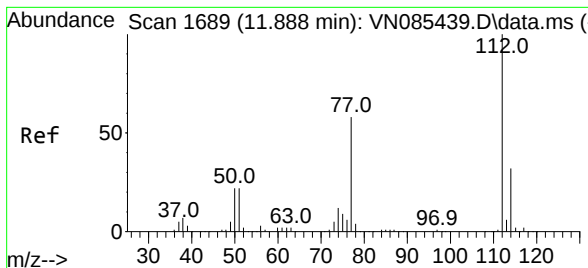
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#64
Tetrachloroethene
Concen: 23.014 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

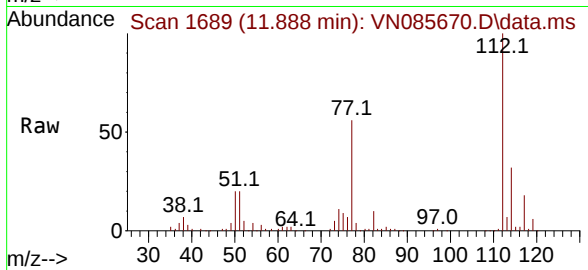
Tgt Ion:164 Resp: 56446
Ion Ratio Lower Upper
164 100
166 128.3 103.4 155.2
129 105.3 79.2 118.8
131 95.9 77.1 115.7





#65
Chlorobenzene
Concen: 21.535 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

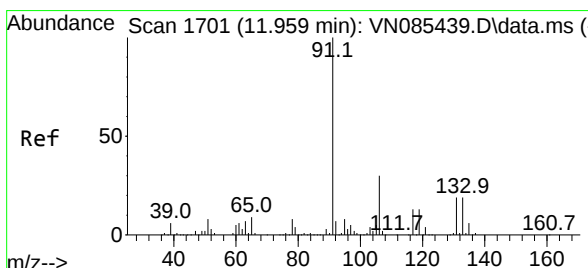
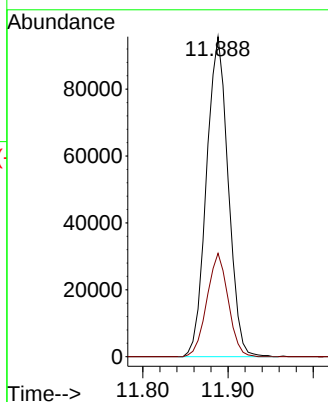
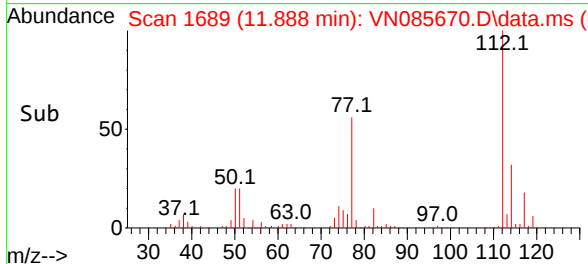
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



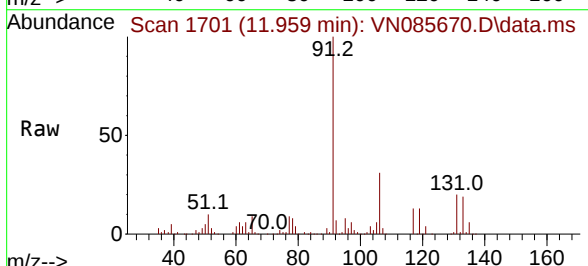
Tgt Ion:112 Resp: 169728
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

Manual Integrations
APPROVED

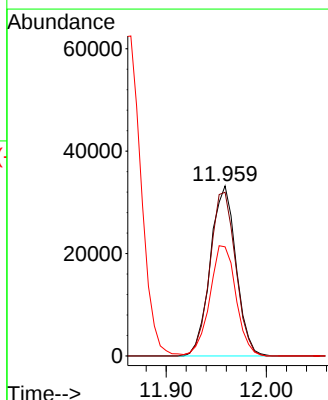
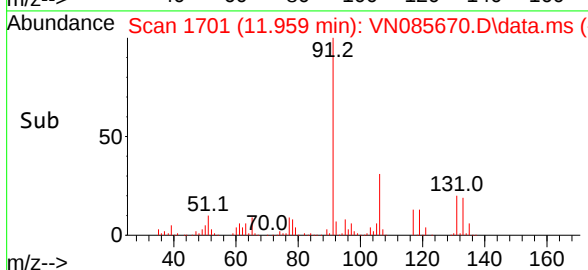
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

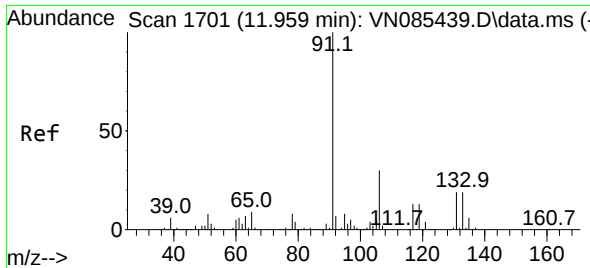


#66
1,1,1,2-Tetrachloroethane
Concen: 20.439 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



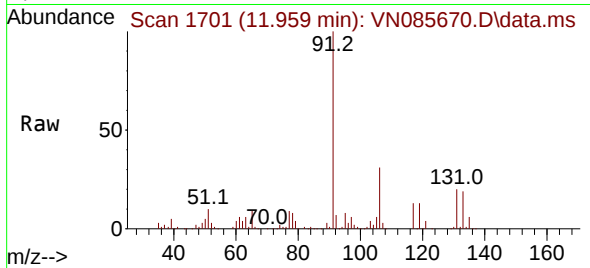
Tgt Ion:131 Resp: 59123
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.3
119 66.1 33.1 99.5





#67
Ethyl Benzene
Concen: 22.021 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

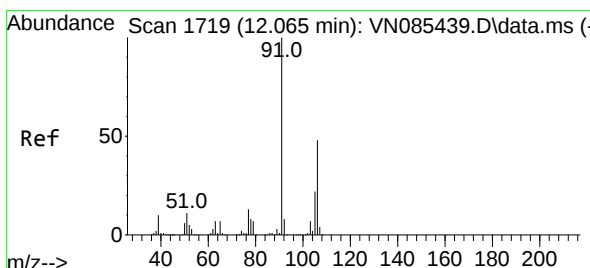
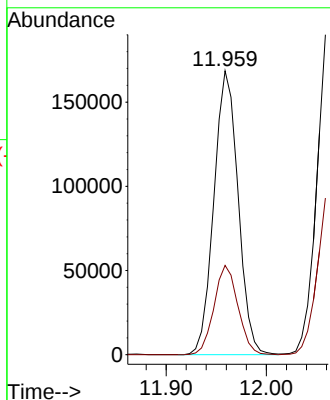
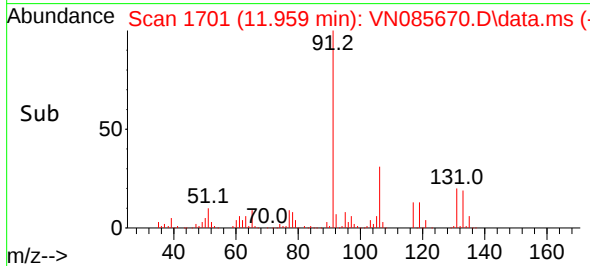
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 91 Resp: 282670
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.8

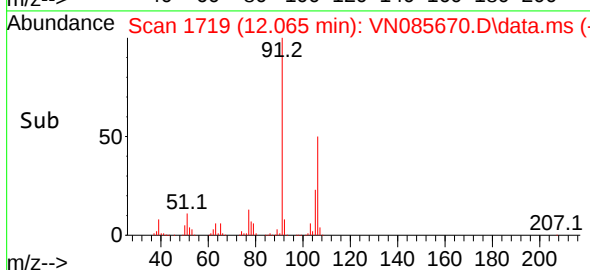
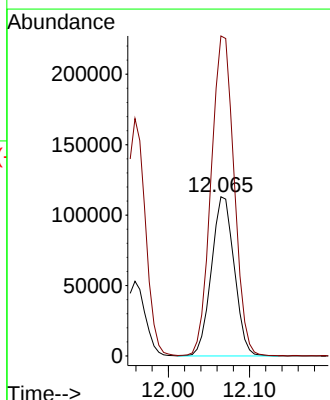
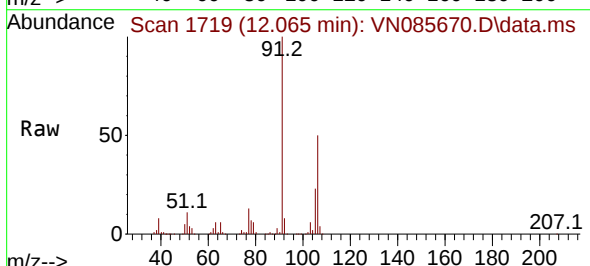
Manual Integrations
APPROVED

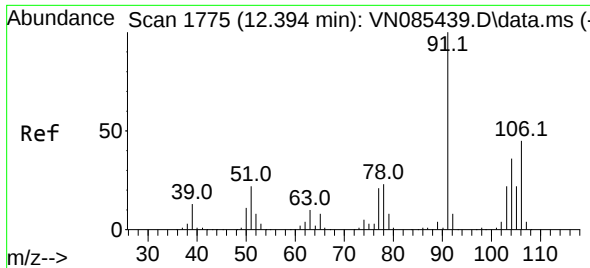
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#68
m/p-Xylenes
Concen: 46.578 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Tgt Ion:106 Resp: 220977
Ion Ratio Lower Upper
106 100
91 203.1 167.7 251.5





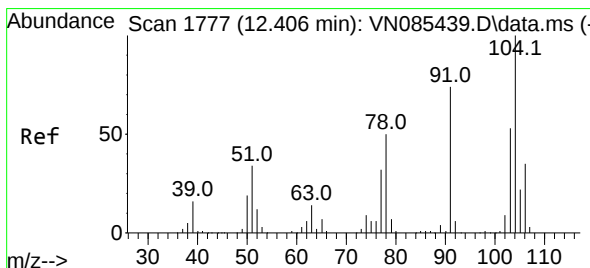
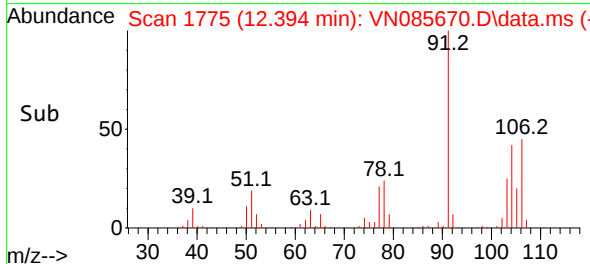
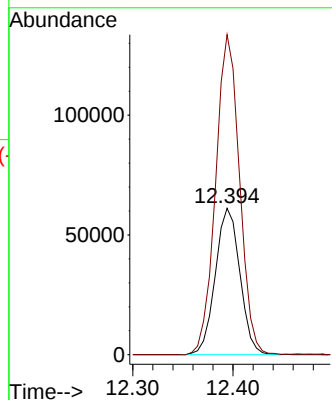
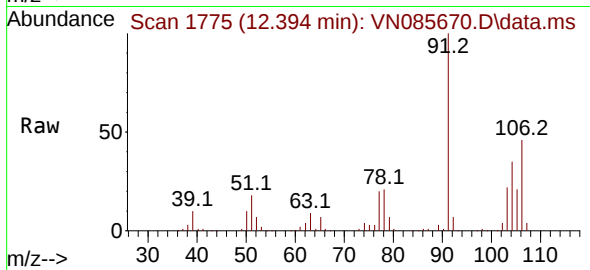
#69
o-Xylene
Concen: 22.947 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Tgt Ion:106 Resp: 104039
Ion Ratio Lower Upper
106 100
91 213.1 110.4 331.2

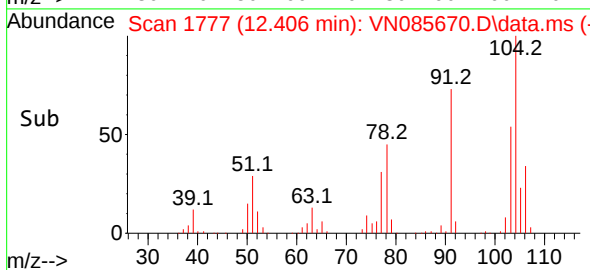
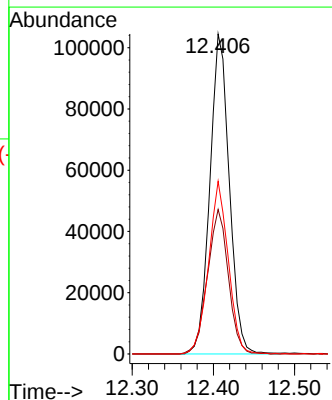
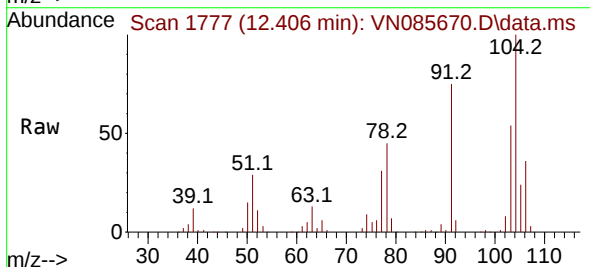
Manual Integrations
APPROVED

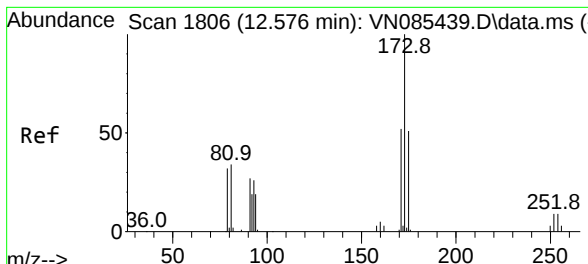
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#70
Styrene
Concen: 23.188 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

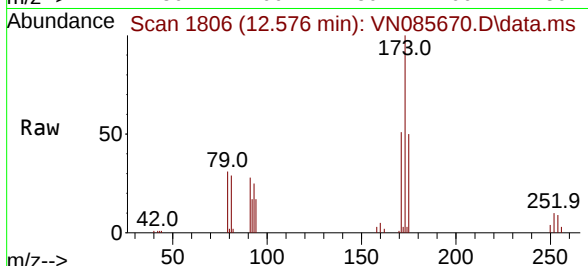
Tgt Ion:104 Resp: 173992
Ion Ratio Lower Upper
104 100
78 48.3 42.5 63.7
103 54.7 43.8 65.8





#71
Bromoform
Concen: 20.983 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

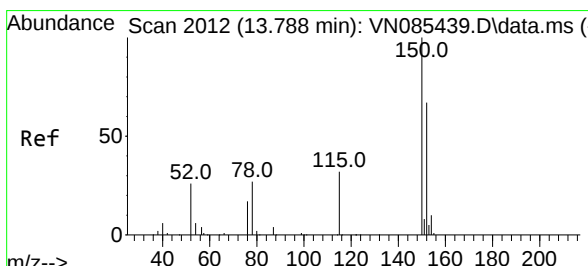
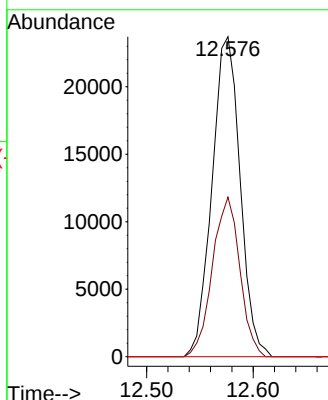
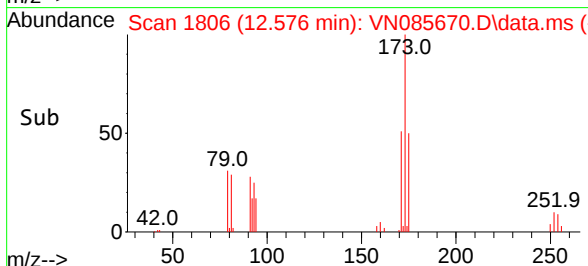
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



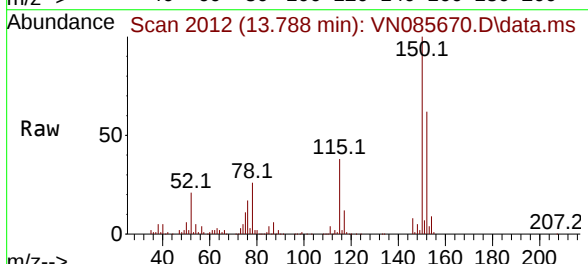
Tgt Ion:173 Resp: 43430
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

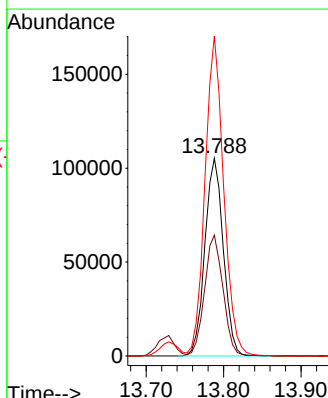
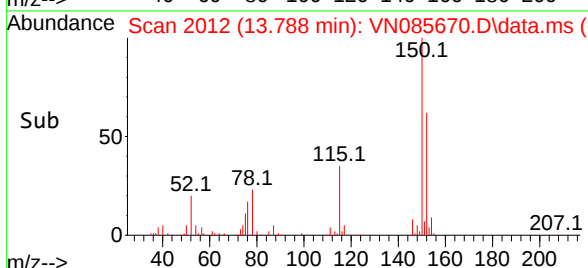
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

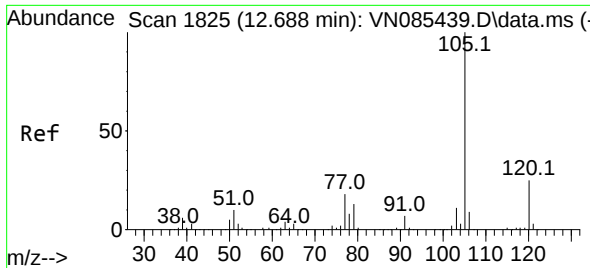


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



Tgt Ion:152 Resp: 173915
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.3
150 163.7 0.0 343.6





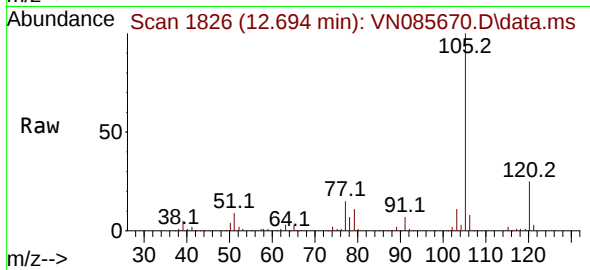
#73
Isopropylbenzene
Concen: 22.016 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBSD01



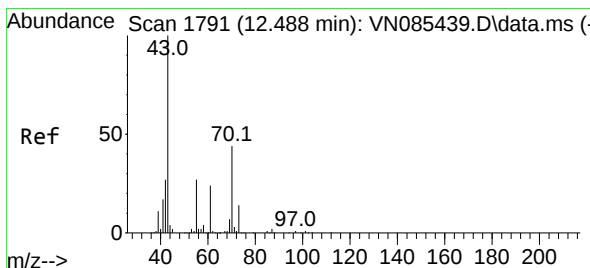
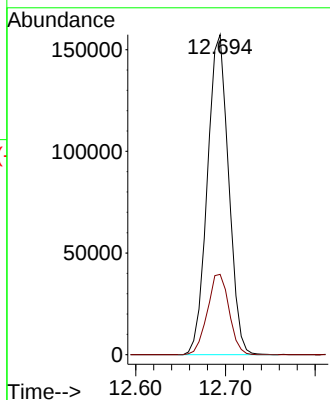
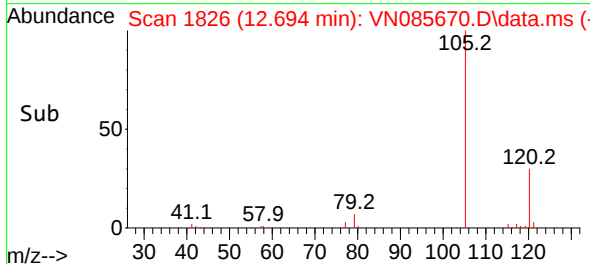
Tgt Ion:105 Resp: 25842
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

Manual Integrations

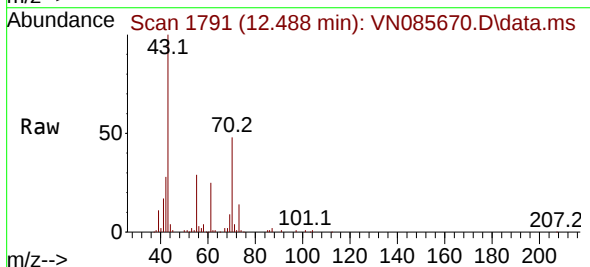
APPROVED

Reviewed By :John Carlone 02/07/2025

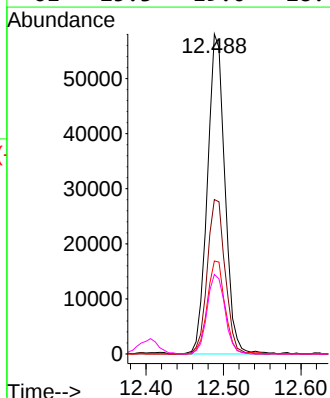
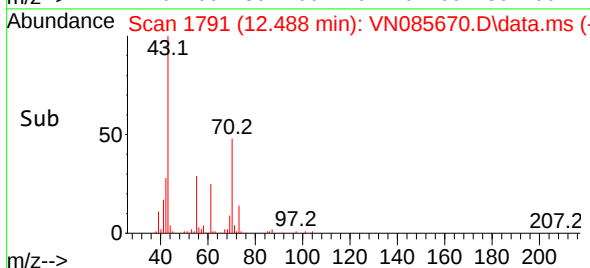
Supervised By :Mahesh Dadoda 02/07/2025

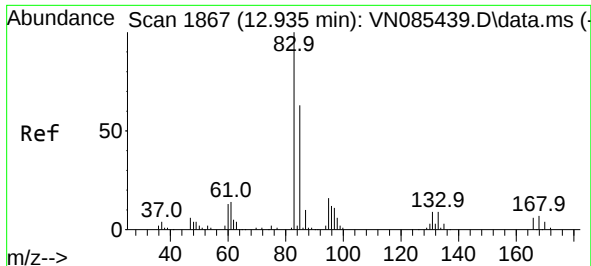


#74
N-ethyl acetate
Concen: 17.284 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



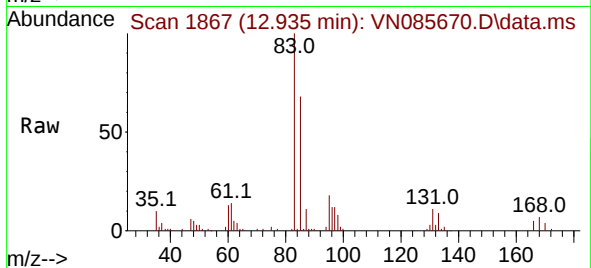
Tgt Ion: 43 Resp: 91186
Ion Ratio Lower Upper
43 100
70 49.2 34.0 51.0
55 29.3 21.4 32.2
61 25.3 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.101 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

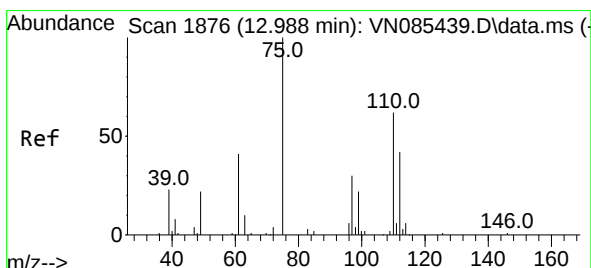
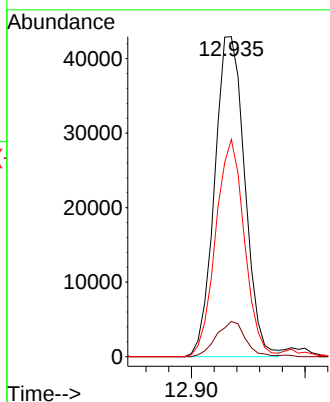
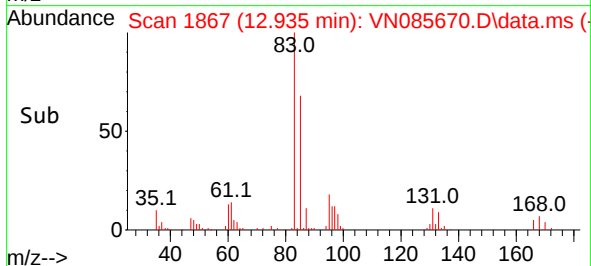
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 83 Resp: 79190
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.4
85 64.7 32.2 96.6

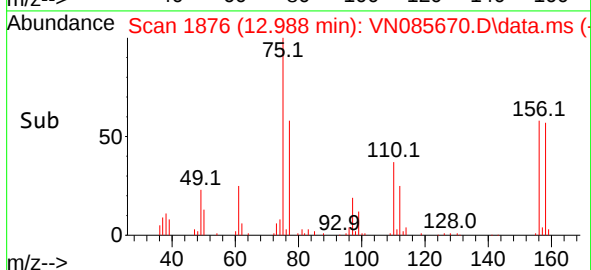
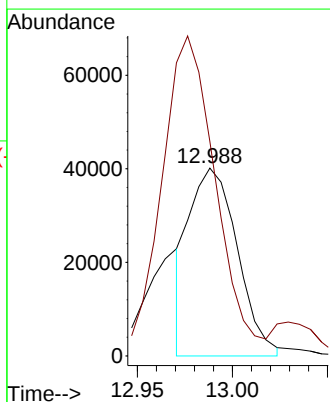
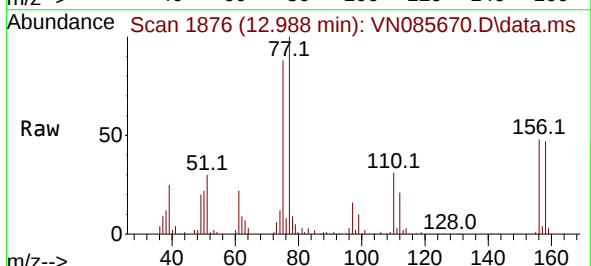
Manual Integrations
APPROVED

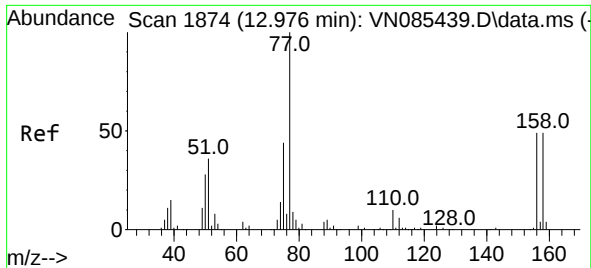
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#76
1,2,3-Trichloropropane
Concen: 20.010 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

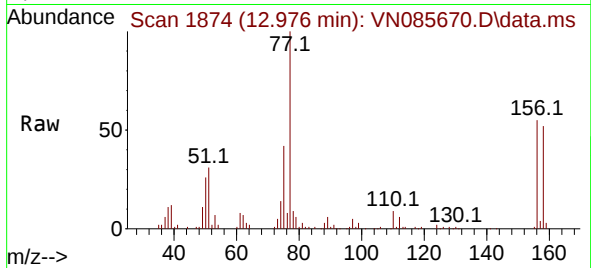
Tgt Ion: 75 Resp: 70733
Ion Ratio Lower Upper
75 100
77 191.3 109.7 329.2





#77
Bromobenzene
Concen: 21.103 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

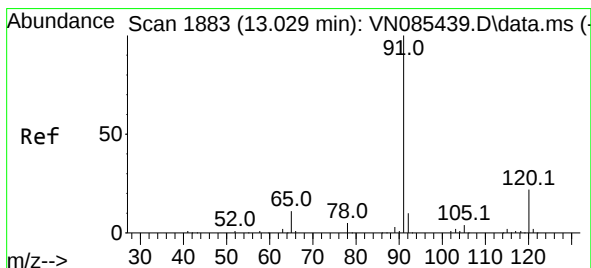
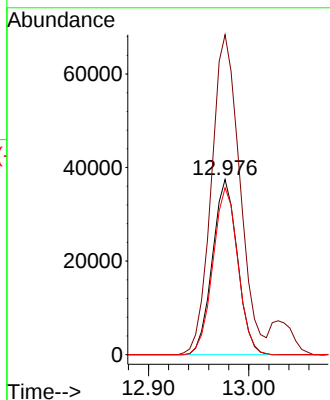
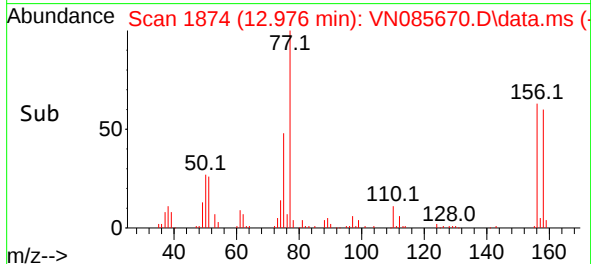
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



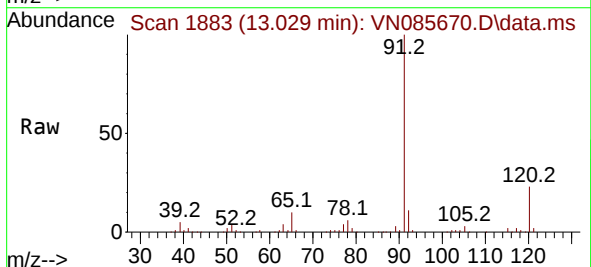
Tgt Ion:156 Resp: 64710
Ion Ratio Lower Upper
156 100
77 209.1 114.1 342.4
158 95.6 48.9 146.8

Manual Integrations
APPROVED

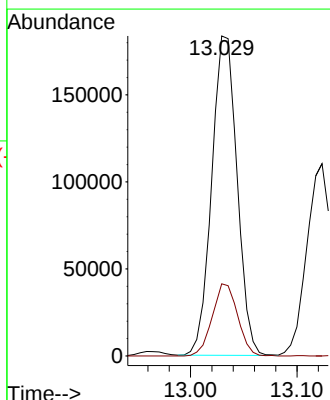
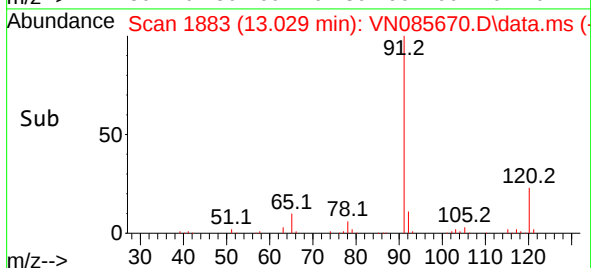
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

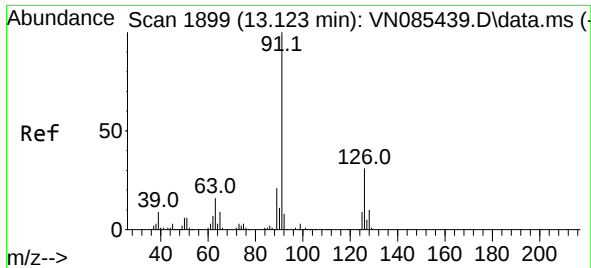


#78
n-propylbenzene
Concen: 21.829 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



Tgt Ion: 91 Resp: 303326
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.6





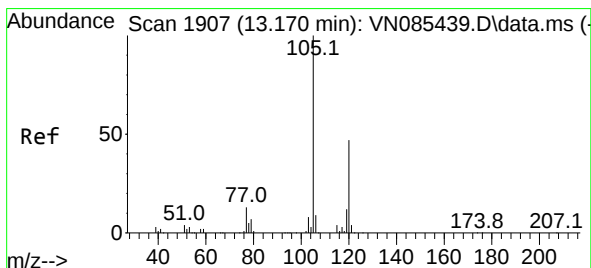
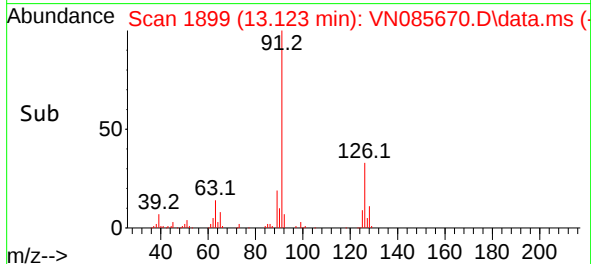
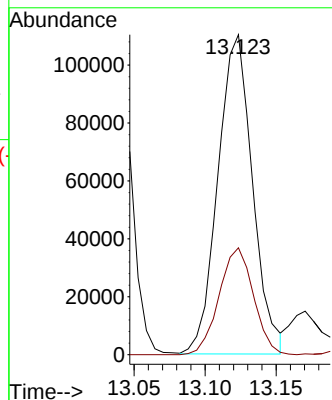
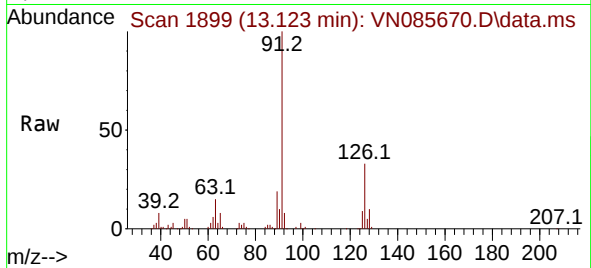
#79
2-Chlorotoluene
Concen: 20.794 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Tgt Ion: 91 Resp: 187000
Ion Ratio Lower Upper
91 100
126 33.2 15.7 47.1

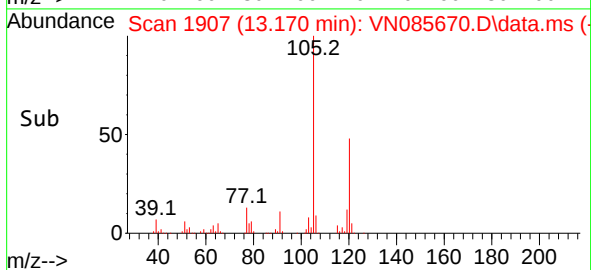
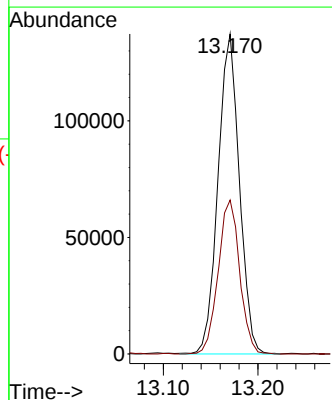
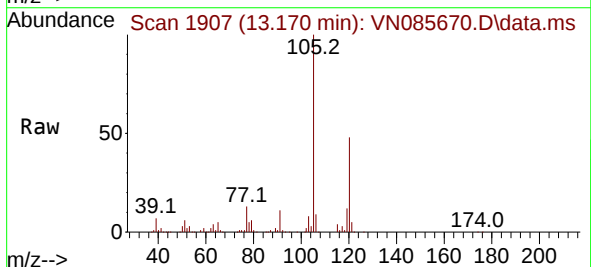
Manual Integrations
APPROVED

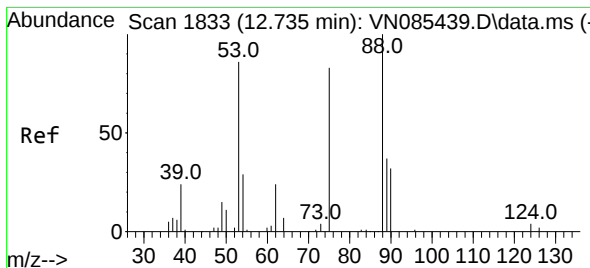
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.175 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

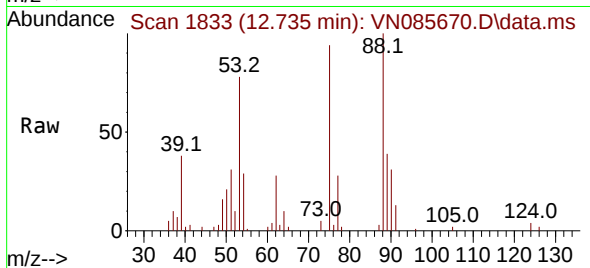
Tgt Ion:105 Resp: 215002
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.001 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

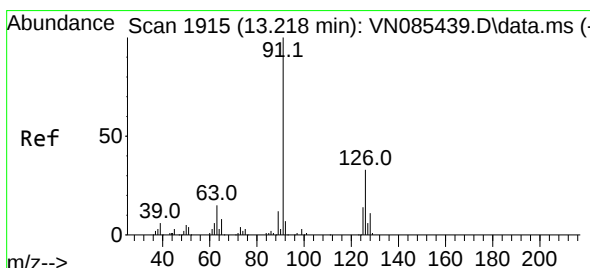
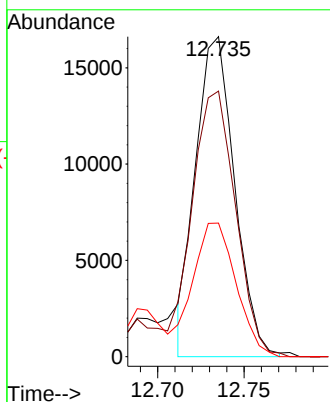
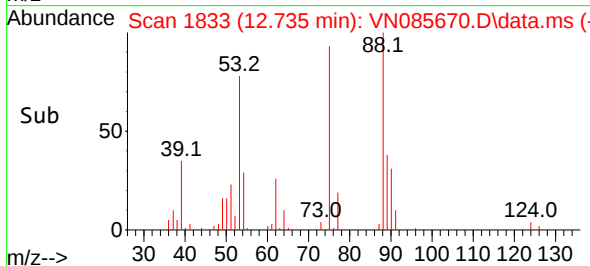
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 75 Resp: 2613
Ion Ratio Lower Upper
75 100
53 92.1 95.6 143.4
89 46.9 37.0 55.6

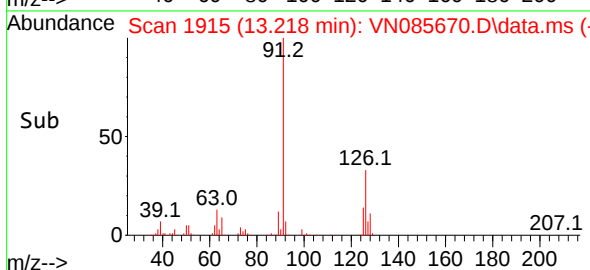
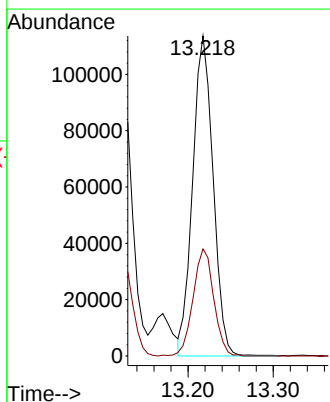
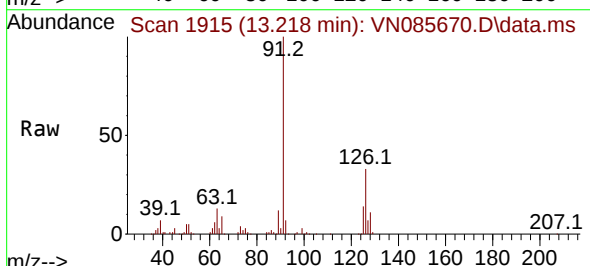
Manual Integrations
APPROVED

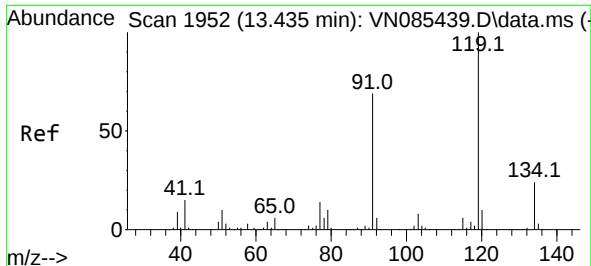
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#82
4-Chlorotoluene
Concen: 21.137 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

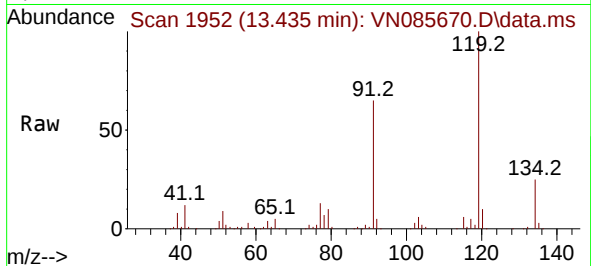
Tgt Ion: 91 Resp: 189269
Ion Ratio Lower Upper
91 100
126 33.8 15.9 47.7





#83
tert-Butylbenzene
Concen: 21.607 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

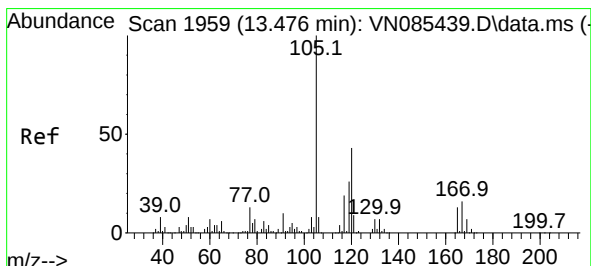
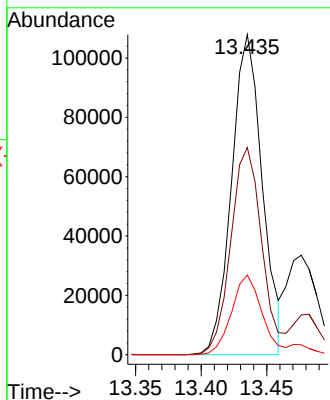
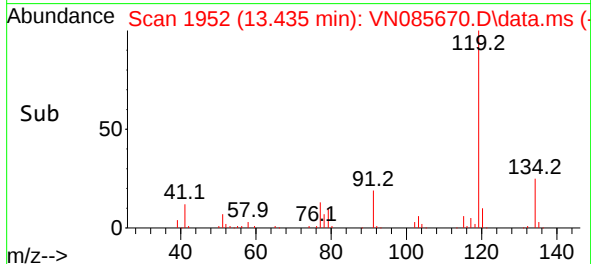
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



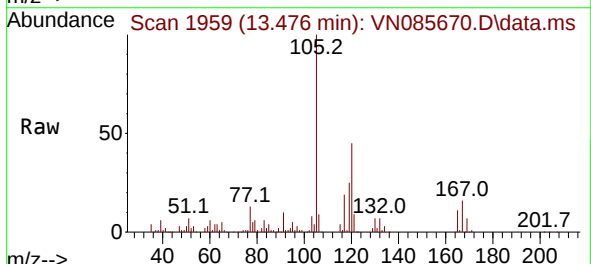
Tgt Ion:119 Resp: 175920
Ion Ratio Lower Upper
119 100
91 66.0 35.1 105.3
134 24.6 12.0 36.1

Manual Integrations
APPROVED

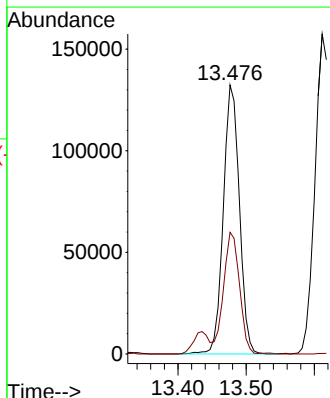
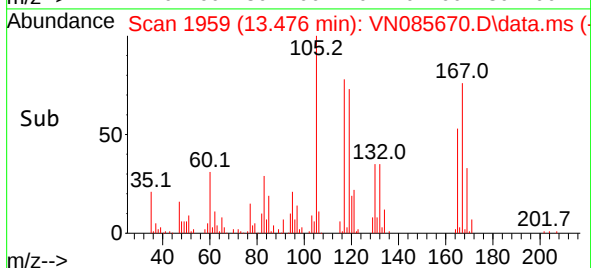
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

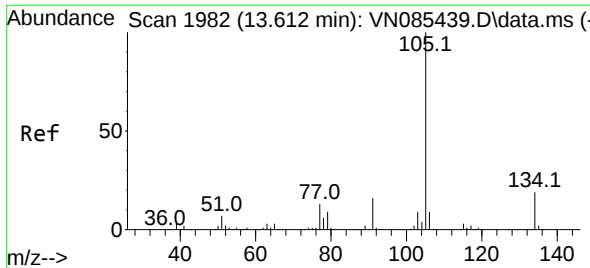


#84
1,2,4-Trimethylbenzene
Concen: 22.499 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



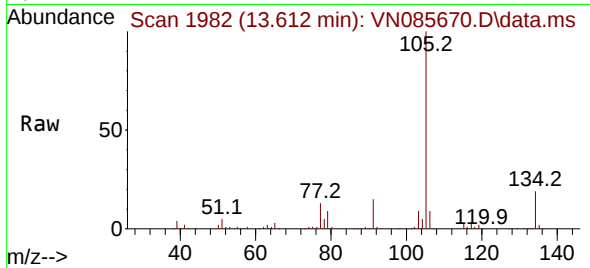
Tgt Ion:105 Resp: 217418
Ion Ratio Lower Upper
105 100
120 45.3 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 22.355 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

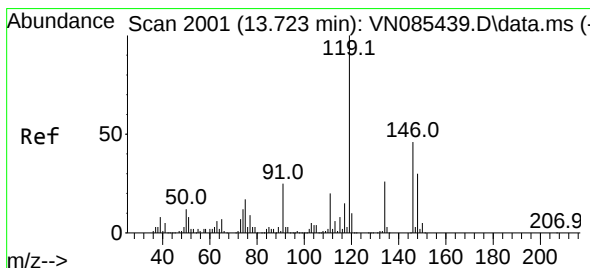
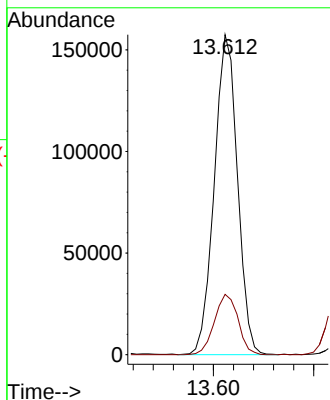
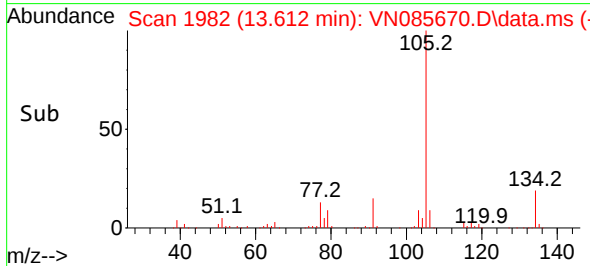
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01



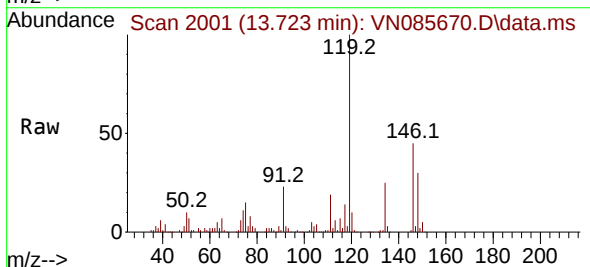
Tgt Ion:105 Resp: 252270
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

Manual Integrations
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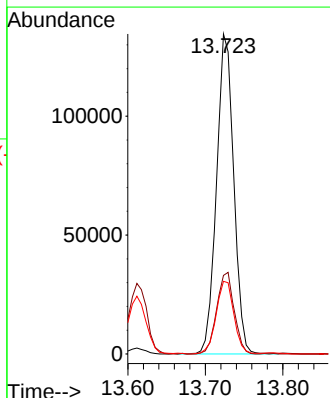
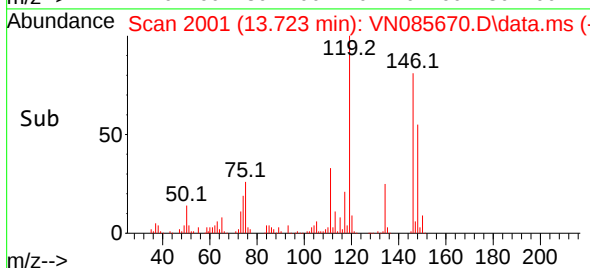
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025

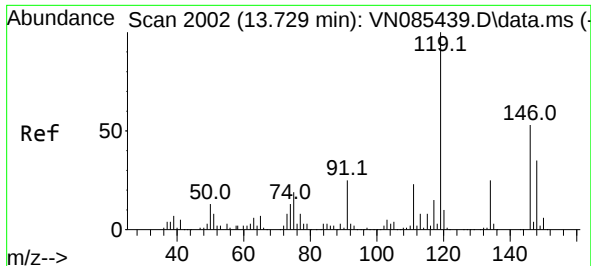


#86
 p-Isopropyltoluene
 Concen: 21.959 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23



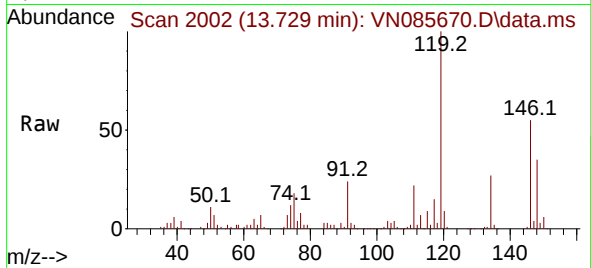
Tgt Ion:119 Resp: 207627
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.5 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 20.887 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

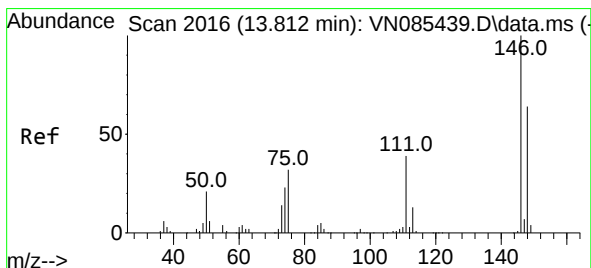
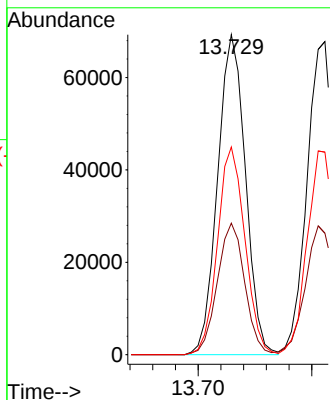
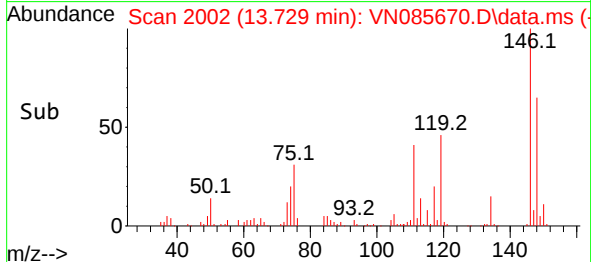
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



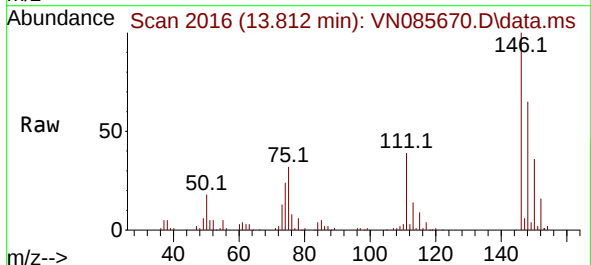
Tgt Ion:146 Resp: 117964
Ion Ratio Lower Upper
146 100
111 40.5 21.4 64.3
148 63.9 32.3 96.9

Manual Integrations
APPROVED

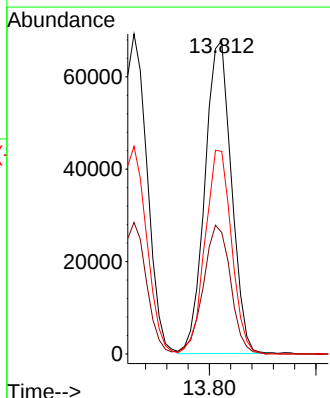
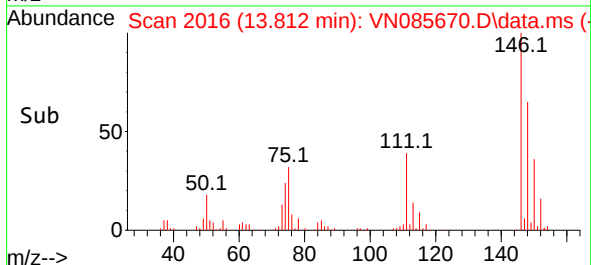
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

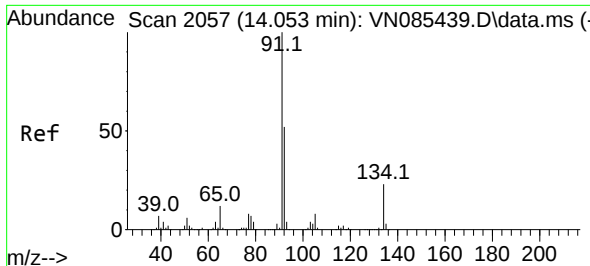


#88
1,4-Dichlorobenzene
Concen: 19.977 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



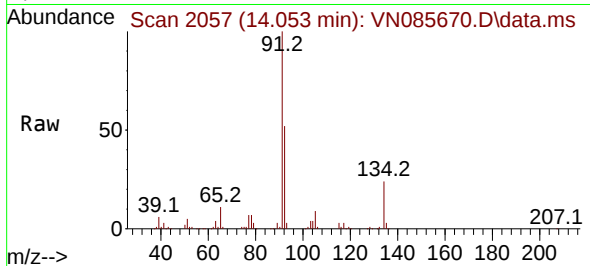
Tgt Ion:146 Resp: 116944
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 65.1 32.4 97.0





#89
n-Butylbenzene
Concen: 21.194 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

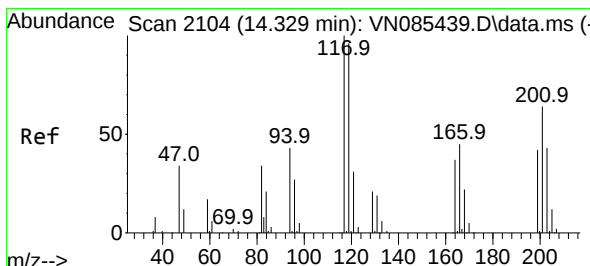
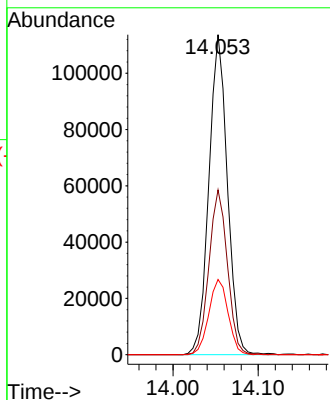
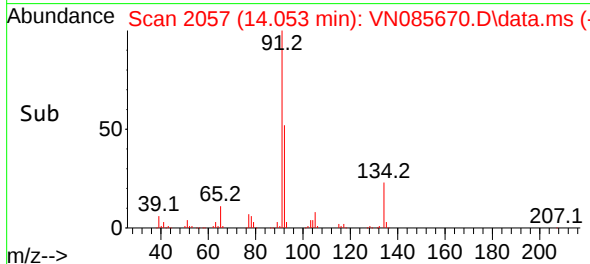
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



Tgt Ion: 91 Resp: 171570
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 24.6 11.7 35.1

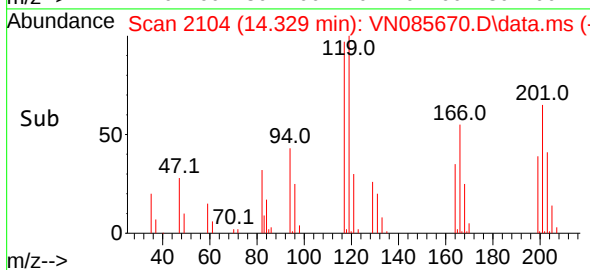
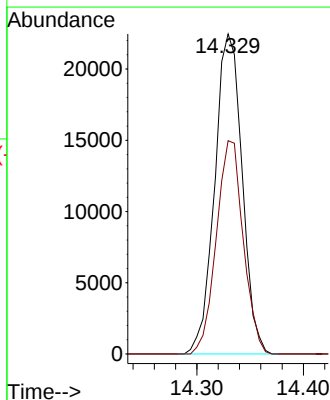
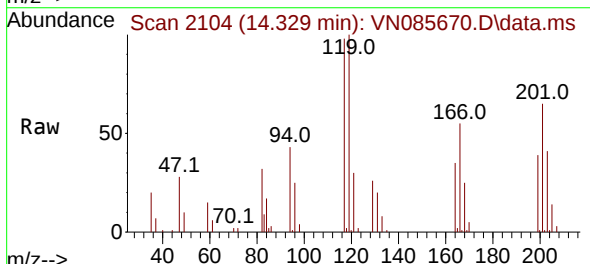
Manual Integrations
APPROVED

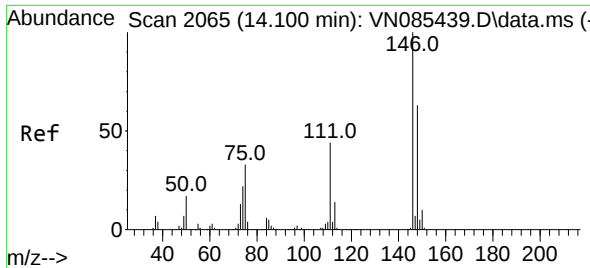
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#90
Hexachloroethane
Concen: 18.676 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

Tgt Ion:117 Resp: 40121
Ion Ratio Lower Upper
117 100
201 65.4 33.7 101.0





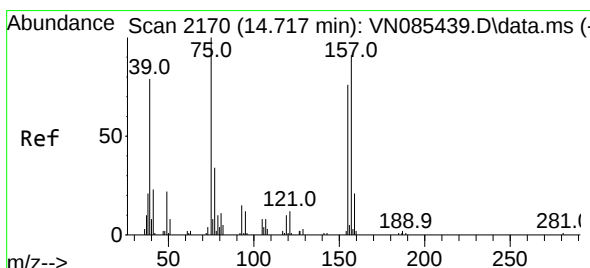
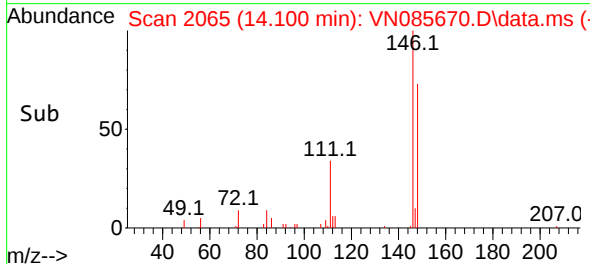
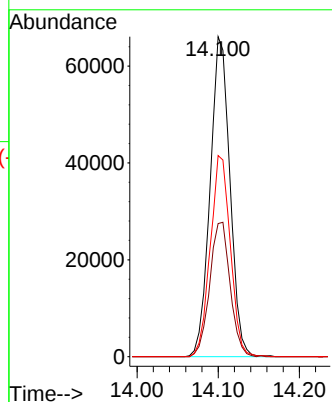
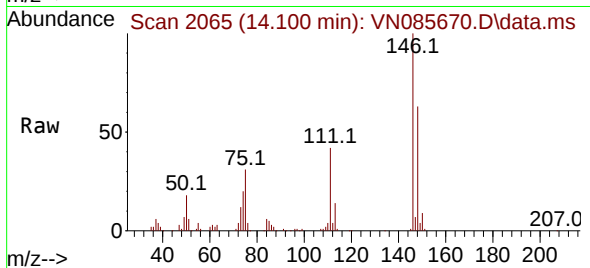
#91
 1,2-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

Tgt Ion:146 Resp: 11180
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.7 31.4 94.2

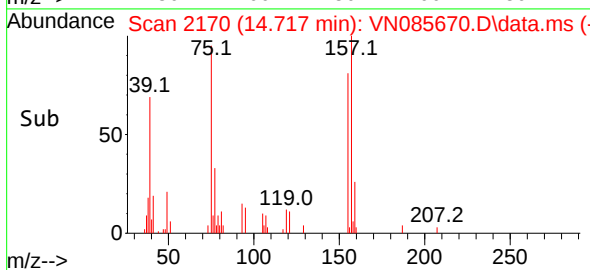
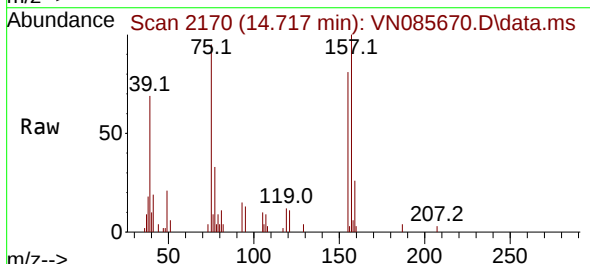
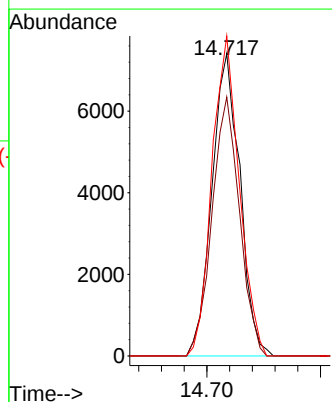
Manual Integrations
 APPROVED

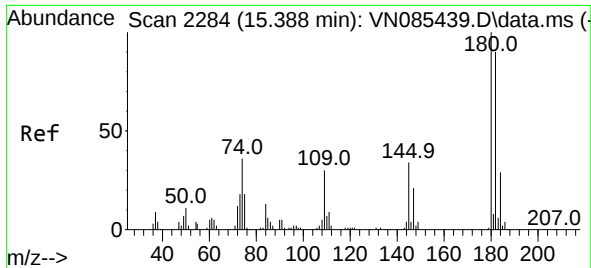
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.758 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN085670.D
 Acq: 05 Feb 2025 12:23

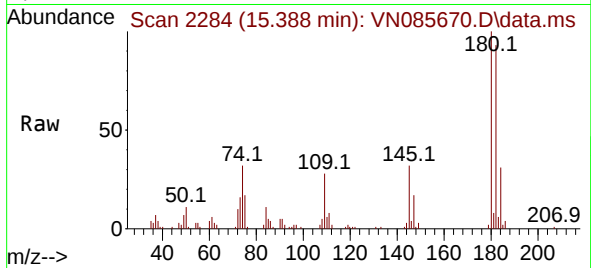
Tgt Ion: 75 Resp: 12688
 Ion Ratio Lower Upper
 75 100
 155 84.1 36.4 109.2
 157 103.0 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 20.182 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

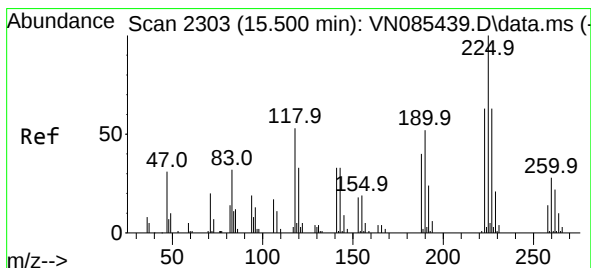
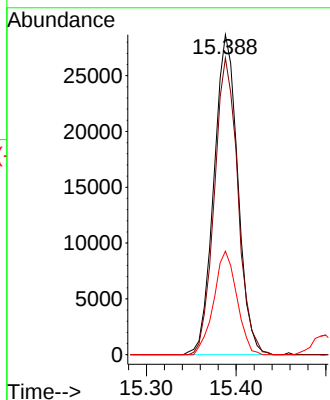
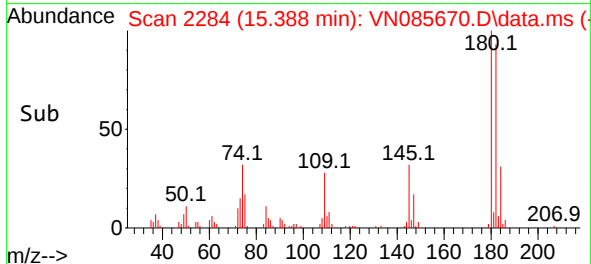
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



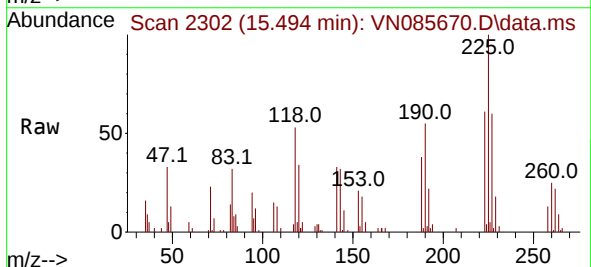
Tgt Ion:180 Resp: 5284
Ion Ratio Lower Upper
180 100
182 91.6 46.8 140.3
145 31.3 16.0 48.0

Manual Integrations
APPROVED

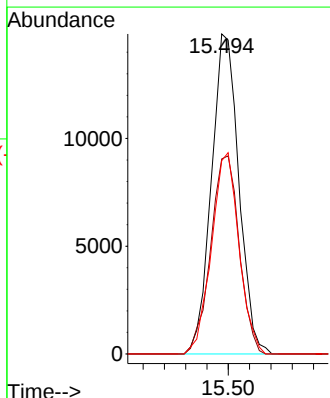
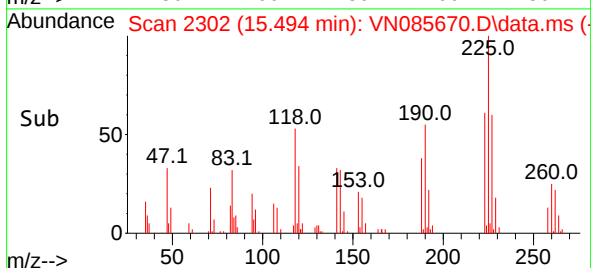
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

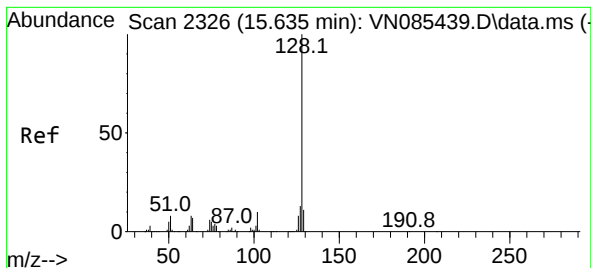


#94
Hexachlorobutadiene
Concen: 19.077 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



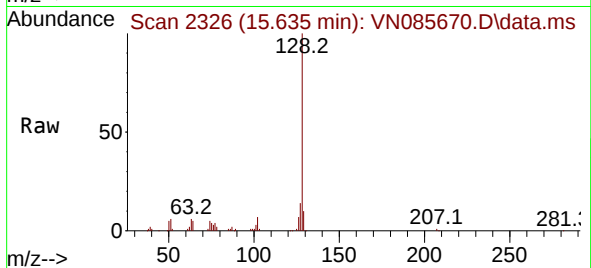
Tgt Ion:225 Resp: 26518
Ion Ratio Lower Upper
225 100
223 64.3 30.7 92.1
227 62.9 30.9 92.5





#95
Naphthalene
Concen: 18.747 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23

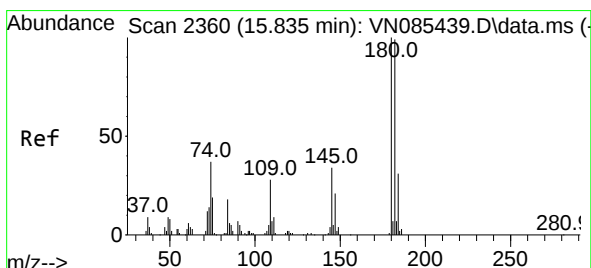
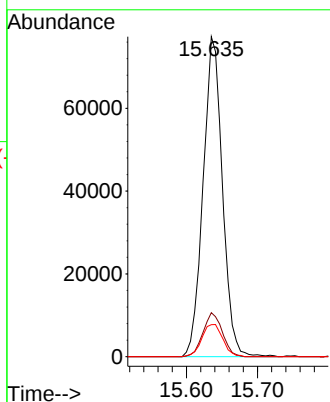
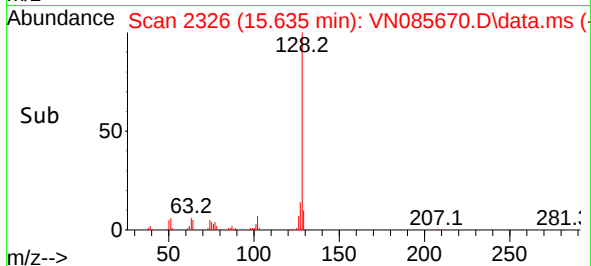
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01



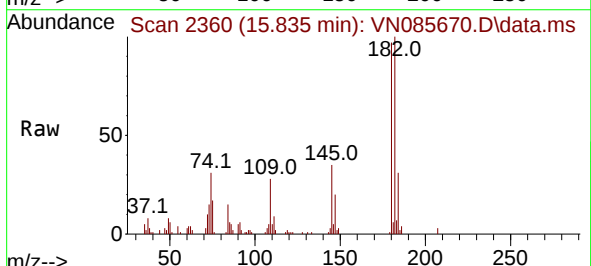
Tgt Ion:128 Resp: 14647
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.924 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085670.D
Acq: 05 Feb 2025 12:23



Tgt Ion:180 Resp: 50135
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.2
145 33.9 16.9 50.7

