

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085721.D
 Acq On : 10 Feb 2025 14:12
 Operator : JC\MD
 Sample : VN0210WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 03:20:50 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	8.224	168	320498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	543900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	477598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	232853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	203246	39.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.580%		
35) Dibromofluoromethane	8.165	113	167990	44.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.040%		
50) Toluene-d8	10.565	98	597282	44.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.847	95	213760	46.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88331	20.355	ug/l	99
3) Chloromethane	2.359	50	83326	17.735	ug/l	98
4) Vinyl Chloride	2.512	62	88754	18.794	ug/l	99
5) Bromomethane	2.959	94	52768	18.498	ug/l	98
6) Chloroethane	3.124	64	53912	18.006	ug/l	97
7) Trichlorofluoromethane	3.501	101	123240	17.985	ug/l	97
8) Diethyl Ether	3.959	74	40137	16.955	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	72118	18.686	ug/l	97
10) Methyl Iodide	4.589	142	87760	19.856	ug/l	99
11) Tert butyl alcohol	5.518	59	51371	86.717	ug/l	99
12) 1,1-Dichloroethene	4.336	96	65001	18.897	ug/l	90
13) Acrolein	4.177	56	40936	50.621	ug/l	97
14) Allyl chloride	5.018	41	85957	15.400	ug/l	96
15) Acrylonitrile	5.718	53	155679	82.735	ug/l	99
16) Acetone	4.424	43	131435	78.628	ug/l	94
17) Carbon Disulfide	4.712	76	190875	18.023	ug/l #	94
18) Methyl Acetate	5.024	43	79755	15.690	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	200083	17.914	ug/l	97
20) Methylene Chloride	5.277	84	75264	18.188	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	68149	18.539	ug/l	96
22) Diisopropyl ether	6.665	45	202767	16.367	ug/l	96
23) Vinyl Acetate	6.600	43	709850	81.875	ug/l	96
24) 1,1-Dichloroethane	6.565	63	130079	17.220	ug/l	98
25) 2-Butanone	7.477	43	192994	78.456	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	116035	18.999	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	77257	17.843	ug/l	96
28) Bromochloromethane	7.812	49	57336	16.315	ug/l	89
29) Tetrahydrofuran	7.836	42	126475	81.095	ug/l	91
30) Chloroform	7.965	83	135647	17.374	ug/l	97
31) Cyclohexane	8.253	56	108881	16.583	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	119557	17.458	ug/l	95
36) 1,1-Dichloropropene	8.371	75	93549	17.665	ug/l	98
37) Ethyl Acetate	7.559	43	79822	14.933	ug/l	96
38) Carbon Tetrachloride	8.359	117	109315	18.030	ug/l	98
39) Methylcyclohexane	9.600	83	91915	18.470	ug/l	98
40) Benzene	8.606	78	290473	18.255	ug/l	98

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 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)
41) Methacrylonitrile	7.771	41	43060	15.484	ug/l	93
42) 1,2-Dichloroethane	8.665	62	98683	16.466	ug/l	97
43) Isopropyl Acetate	8.683	43	145019	16.931	ug/l	99
44) Trichloroethene	9.347	130	68649	18.534	ug/l	97
45) 1,2-Dichloropropane	9.618	63	69815	17.177	ug/l	100
46) Dibromomethane	9.706	93	50778	17.314	ug/l	96
47) Bromodichloromethane	9.882	83	105660	17.684	ug/l	100
48) Methyl methacrylate	9.677	41	61288	15.900	ug/l	93
49) 1,4-Dioxane	9.688	88	23751	365.912	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	404517	81.388	ug/l	95
52) Toluene	10.624	92	179258	19.443	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101058	17.898	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	110376	18.301	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	66822	18.314	ug/l	96
56) Ethyl methacrylate	10.871	69	94038	16.640	ug/l	89
57) 1,3-Dichloropropane	11.159	76	113364	17.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	200212	86.468	ug/l	97
59) 2-Hexanone	11.194	43	287586	82.233	ug/l	93
60) Dibromochloromethane	11.359	129	79667	18.085	ug/l	100
61) 1,2-Dibromoethane	11.471	107	66280	18.249	ug/l	99
64) Tetrachloroethene	11.100	164	64003	19.657	ug/l	99
65) Chlorobenzene	11.888	112	194870	18.625	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	68857	17.932	ug/l	98
67) Ethyl Benzene	11.959	91	319020	18.721	ug/l	98
68) m/p-Xylenes	12.071	106	251837	39.987	ug/l	97
69) o-Xylene	12.394	106	115933	19.262	ug/l	98
70) Styrene	12.406	104	196059	19.683	ug/l	98
71) Bromoform	12.576	173	52382	19.065	ug/l #	99
73) Isopropylbenzene	12.694	105	292203	18.593	ug/l	99
74) N-amyl acetate	12.494	43	109562	15.510	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	93715	16.881	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	87763m	18.544	ug/l	
77) Bromobenzene	12.976	156	74162	18.062	ug/l	96
78) n-propylbenzene	13.035	91	346882	18.645	ug/l	99
79) 2-Chlorotoluene	13.123	91	215960	17.936	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	247091	19.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	32042m	18.317	ug/l	
82) 4-Chlorotoluene	13.218	91	222118	18.527	ug/l	98
83) tert-Butylbenzene	13.435	119	198026	18.165	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	249382	19.275	ug/l	99
85) sec-Butylbenzene	13.612	105	284863	18.854	ug/l	100
86) p-Isopropyltoluene	13.729	119	238678	19.005	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	139515	18.451	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	137627	17.560	ug/l	100
89) n-Butylbenzene	14.053	91	192550	17.764	ug/l	99
90) Hexachloroethane	14.329	117	49134	17.083	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	134016	17.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17393	17.157	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	60944	17.385	ug/l	99
94) Hexachlorobutadiene	15.494	225	32965	17.713	ug/l	96
95) Naphthalene	15.641	128	169714	16.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	60838	17.152	ug/l	98

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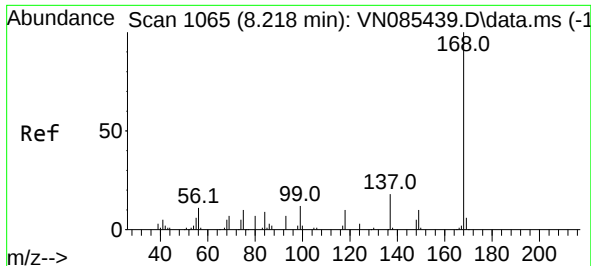
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/11/2025

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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

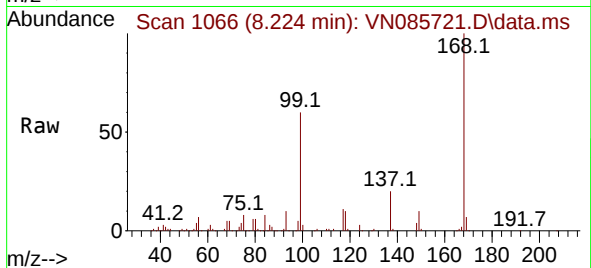
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085721.D
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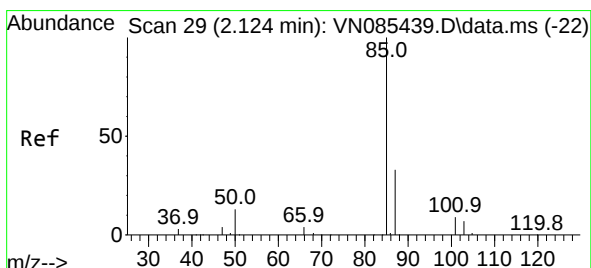
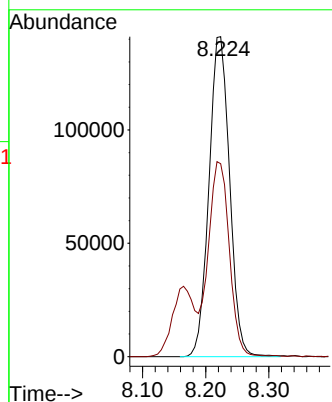
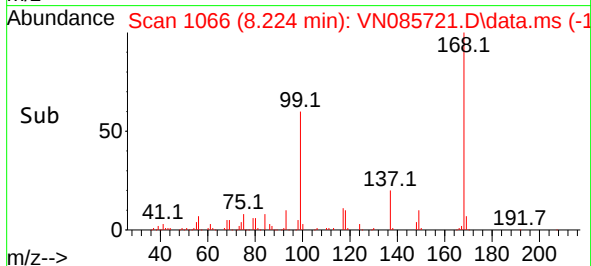
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion:168 Resp: 320498
Ion Ratio Lower Upper
168 100
99 60.1 53.6 80.4

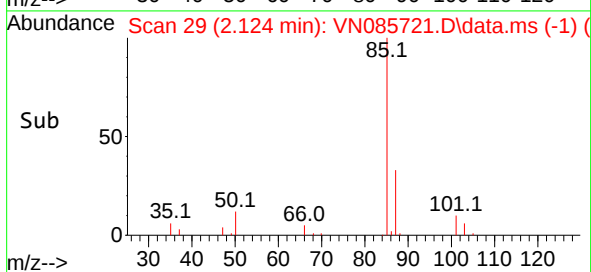
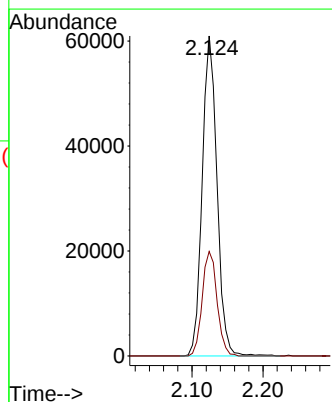
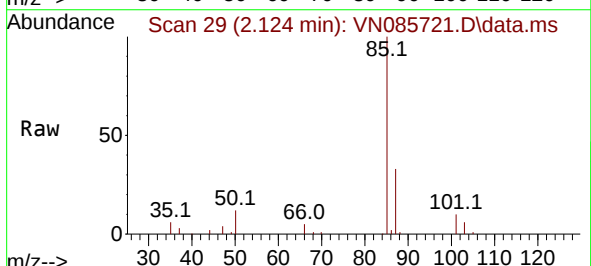
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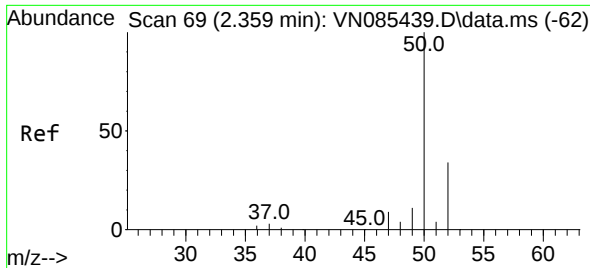
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#2
Dichlorodifluoromethane
Concen: 20.355 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion: 85 Resp: 88331
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





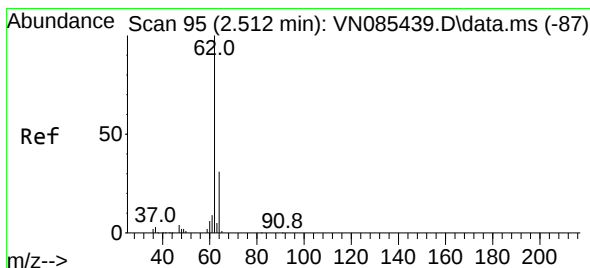
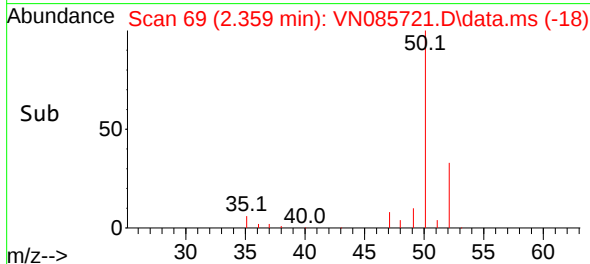
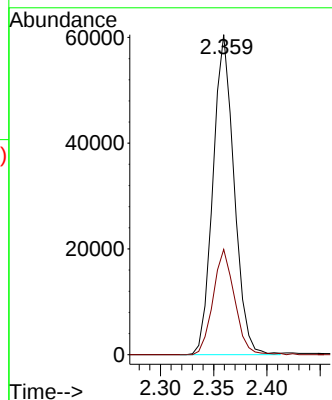
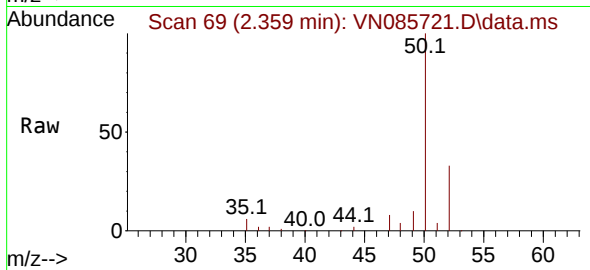
#3
Chloromethane
Concen: 17.735 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

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Tgt Ion: 50 Resp: 83320
Ion Ratio Lower Upper
50 100
52 32.9 27.0 40.6

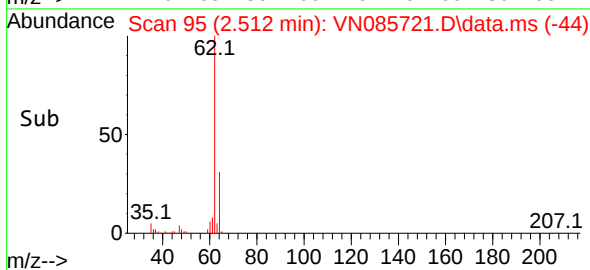
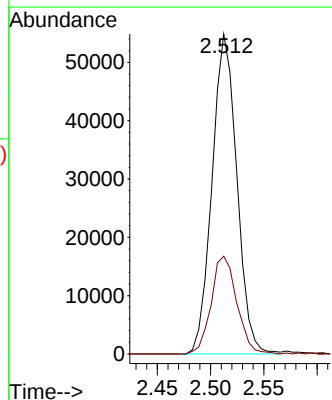
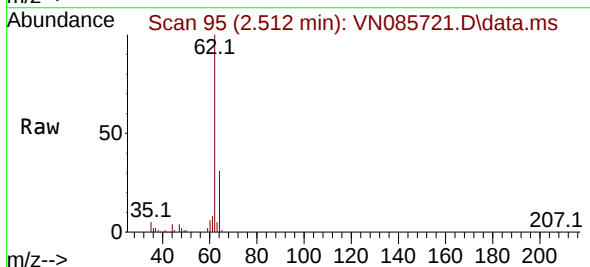
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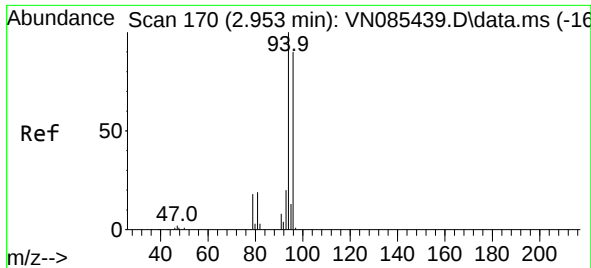
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Vinyl Chloride
Concen: 18.794 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

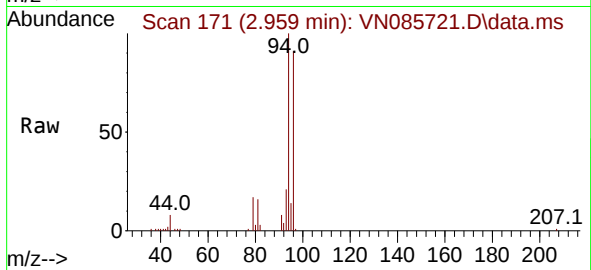
Tgt Ion: 62 Resp: 88754
Ion Ratio Lower Upper
62 100
64 30.6 24.8 37.2





#5
Bromomethane
Concen: 18.498 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

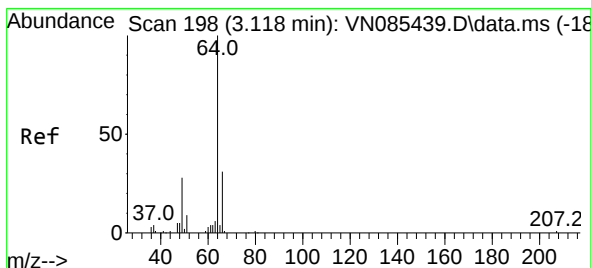
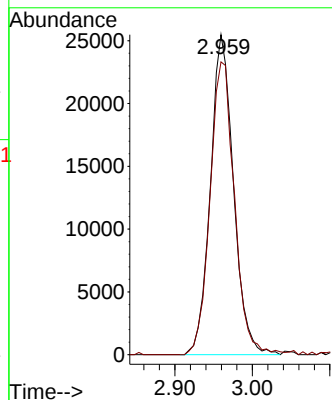
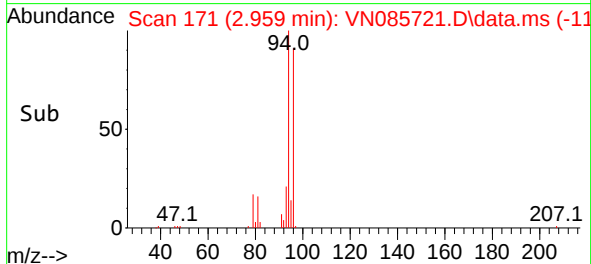
Instrument :
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Tgt Ion: 94 Resp: 52768
Ion Ratio Lower Upper
94 100
96 91.5 71.8 107.6

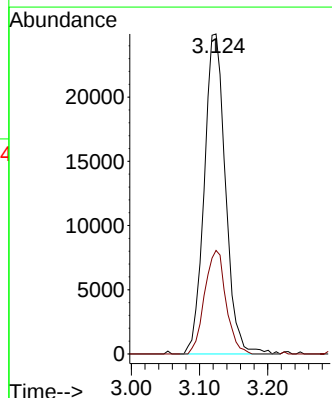
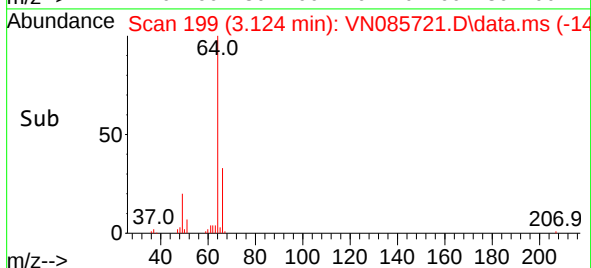
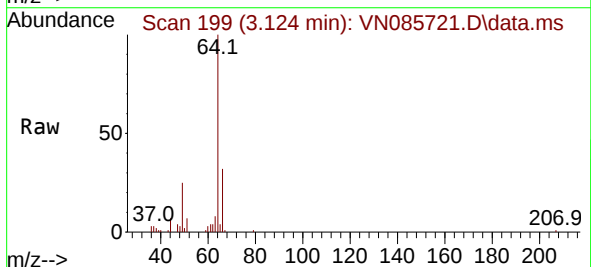
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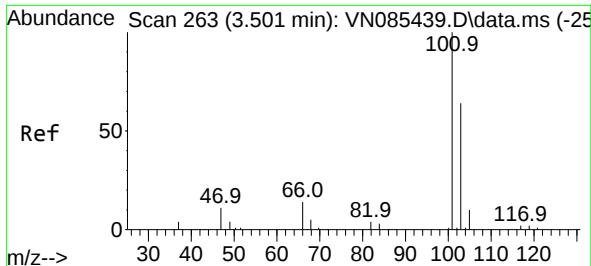
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#6
Chloroethane
Concen: 18.006 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085721.D
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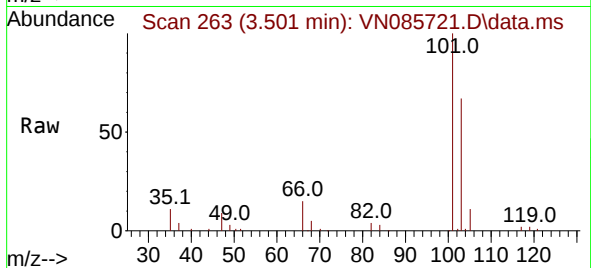
Tgt Ion: 64 Resp: 53912
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 17.985 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

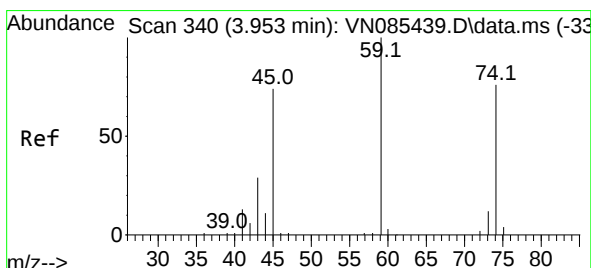
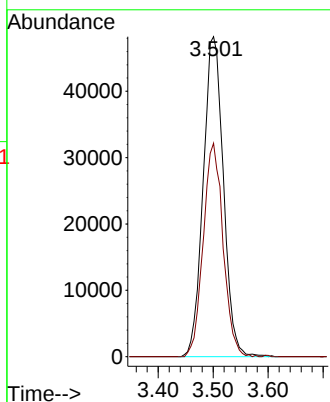
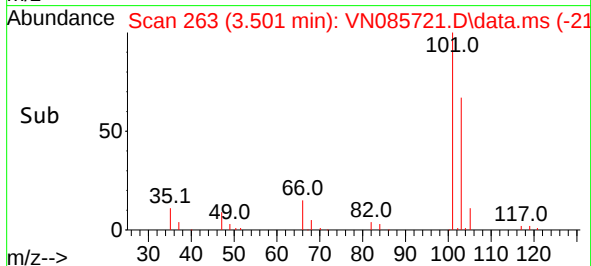
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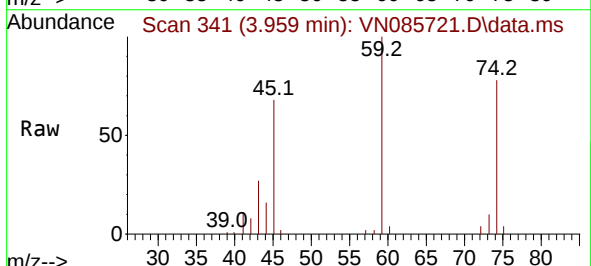
Tgt Ion:101 Resp: 123240
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.2

Manual Integrations
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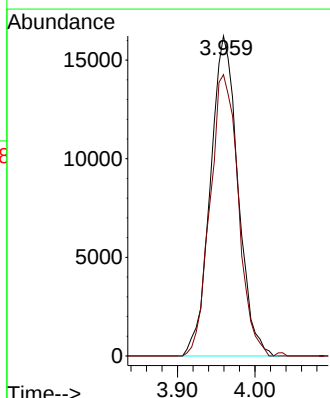
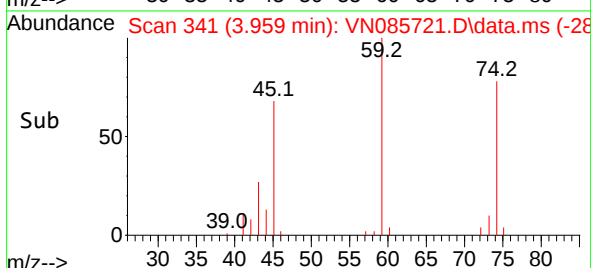
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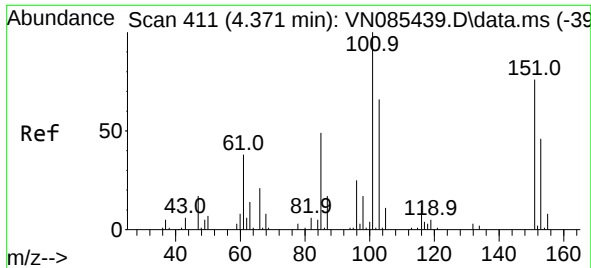


#8
Diethyl Ether
Concen: 16.955 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion: 74 Resp: 40137
Ion Ratio Lower Upper
74 100
45 90.0 49.7 149.1





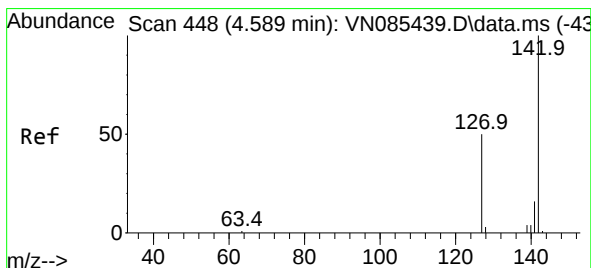
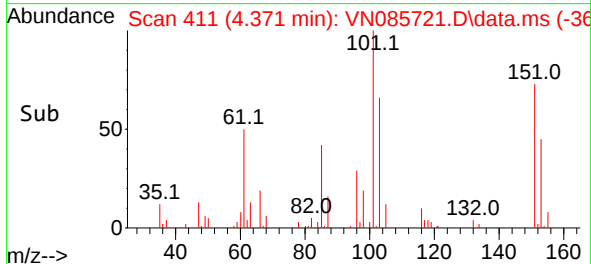
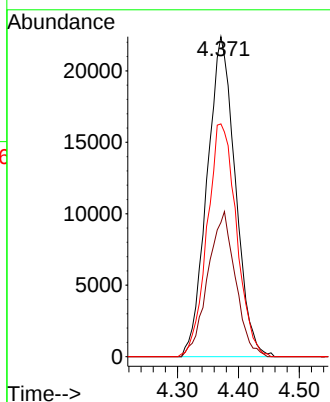
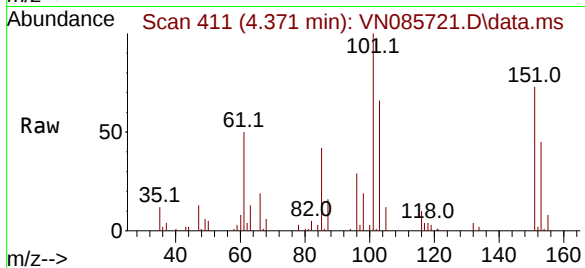
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.686 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion:101 Resp: 72118
Ion Ratio Lower Upper
101 100
85 44.3 37.8 56.8
151 75.4 58.8 88.2

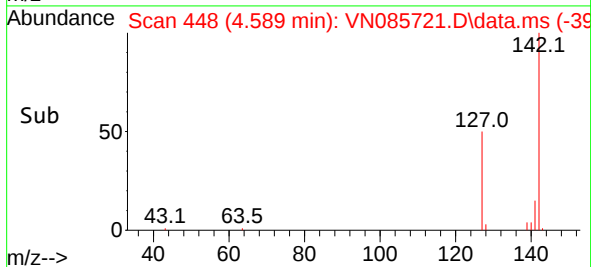
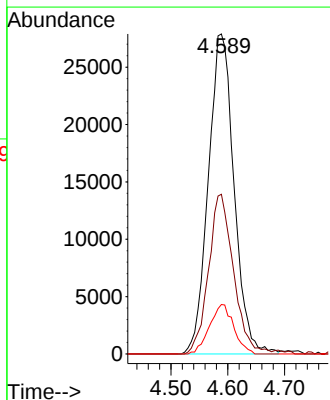
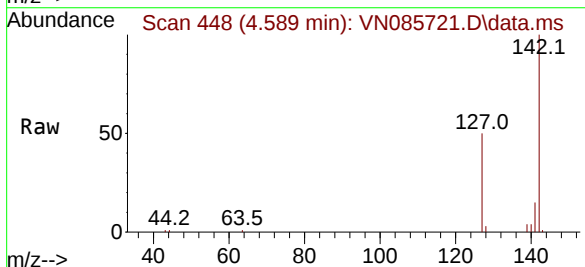
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 19.856 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

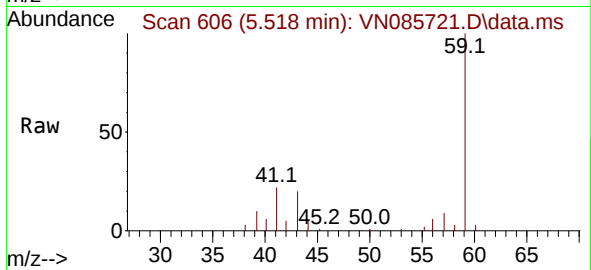
Tgt Ion:142 Resp: 87760
Ion Ratio Lower Upper
142 100
127 49.9 40.3 60.5
141 15.4 12.8 19.2





#11
Tert butyl alcohol
Concen: 86.717 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

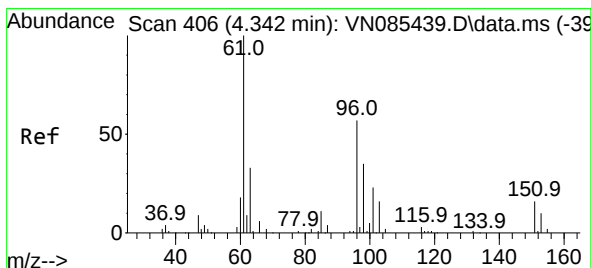
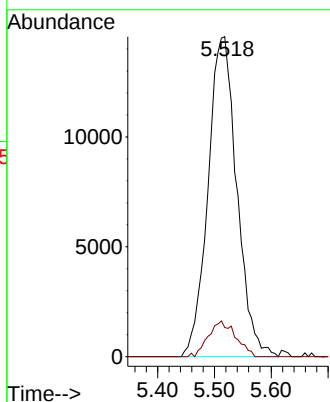
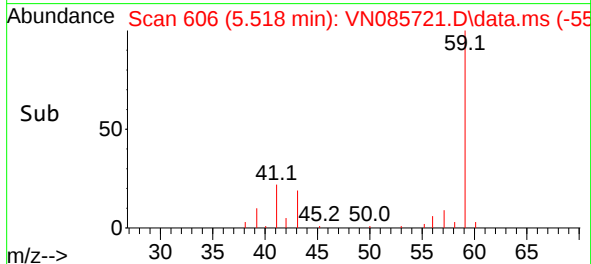
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



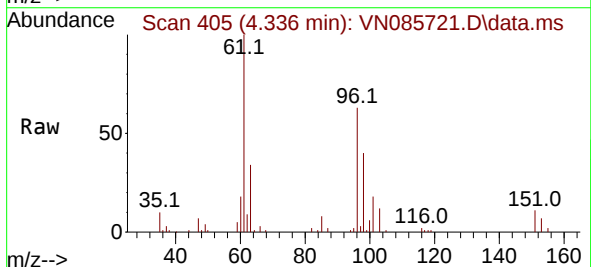
Tgt Ion: 59 Resp: 5137
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

Manual Integrations
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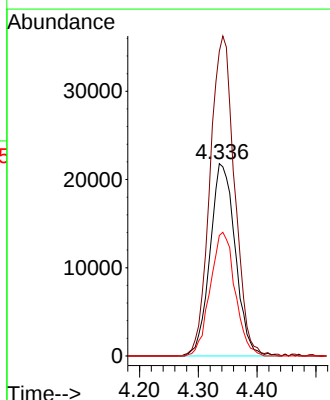
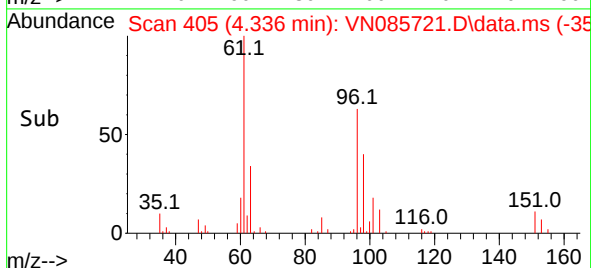
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#12
1,1-Dichloroethene
Concen: 18.897 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion: 96 Resp: 65001
Ion Ratio Lower Upper
96 100
61 158.4 141.0 211.4
98 62.6 49.0 73.6





#13

Acrolein

Concen: 50.621 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

Tgt Ion: 56 Resp: 40930

Ion Ratio Lower Upper

56 100

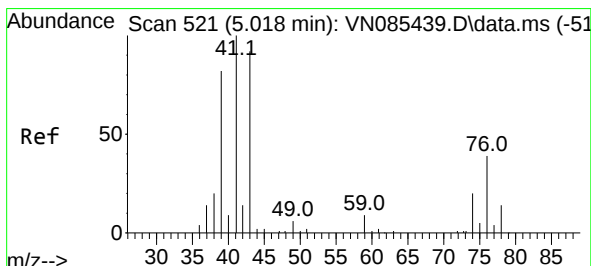
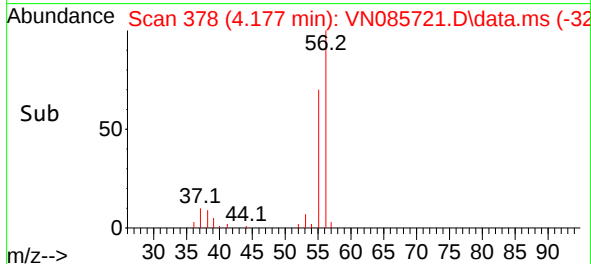
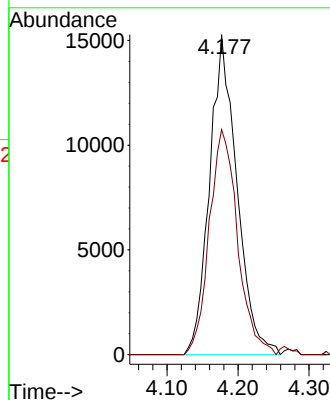
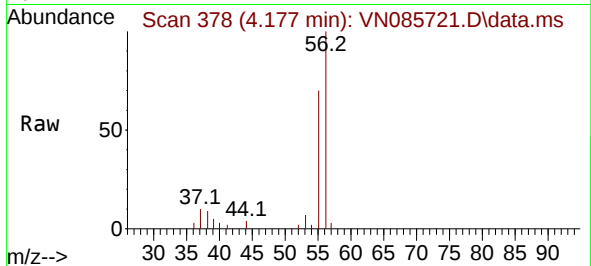
55 72.6 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#14

Allyl chloride

Concen: 15.400 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

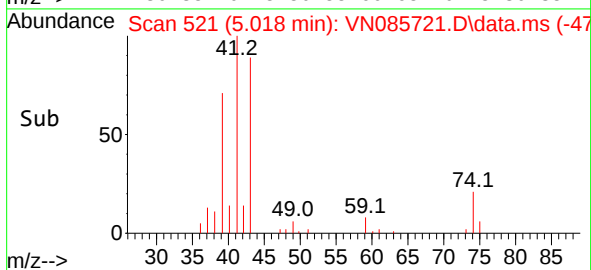
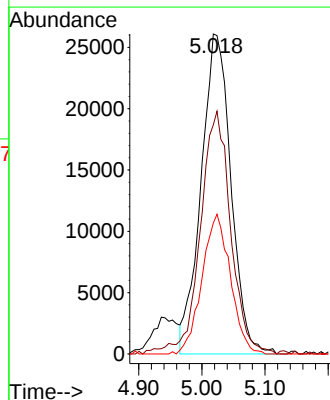
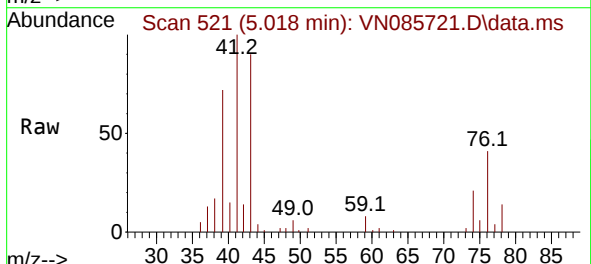
Tgt Ion: 41 Resp: 85957

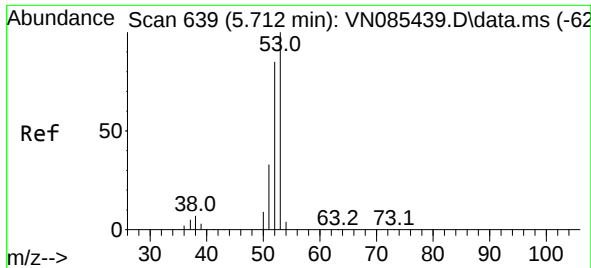
Ion Ratio Lower Upper

41 100

39 77.0 64.4 96.6

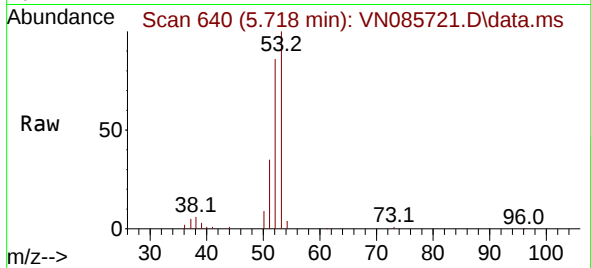
76 41.4 30.5 45.7





#15
Acrylonitrile
Concen: 82.735 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

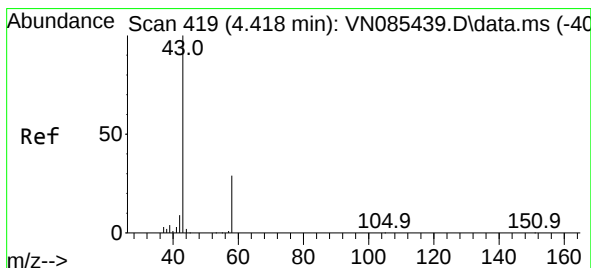
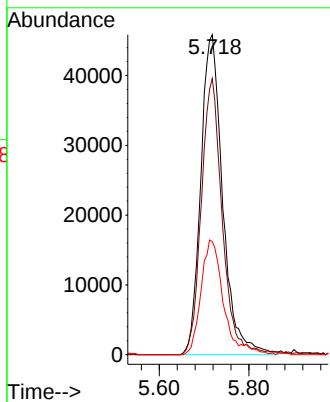
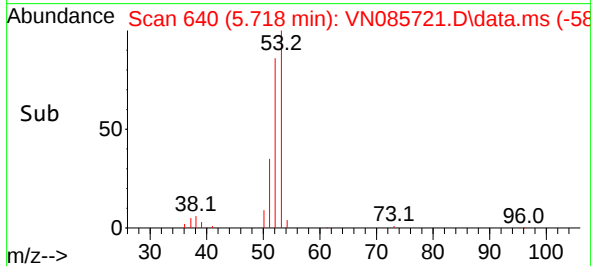
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 53 Resp: 155679
Ion Ratio Lower Upper
53 100
52 82.5 65.5 98.3
51 36.7 29.8 44.8

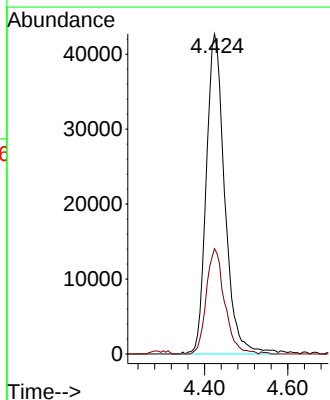
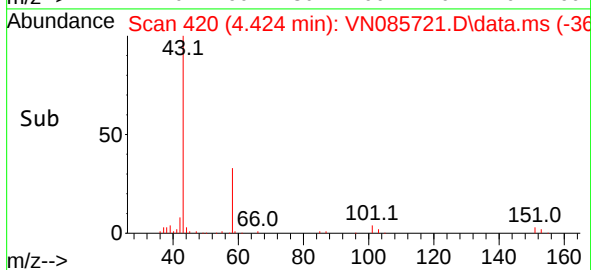
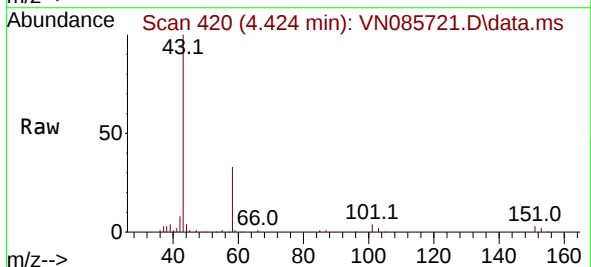
Manual Integrations
APPROVED

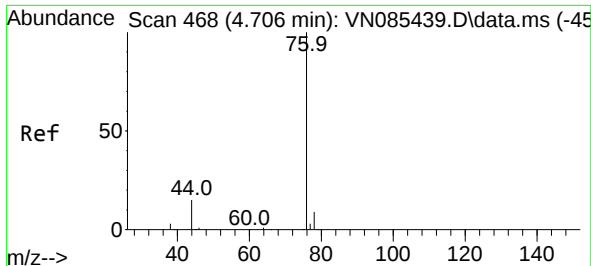
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
Acetone
Concen: 78.628 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

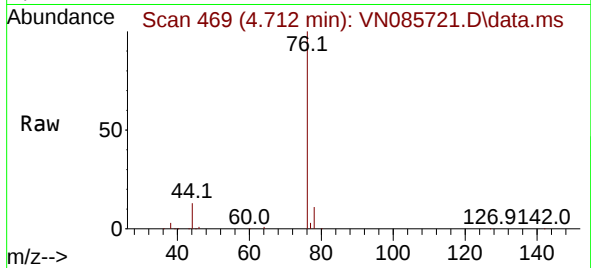
Tgt Ion: 43 Resp: 131435
Ion Ratio Lower Upper
43 100
58 32.9 23.8 35.6





#17
Carbon Disulfide
Concen: 18.023 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

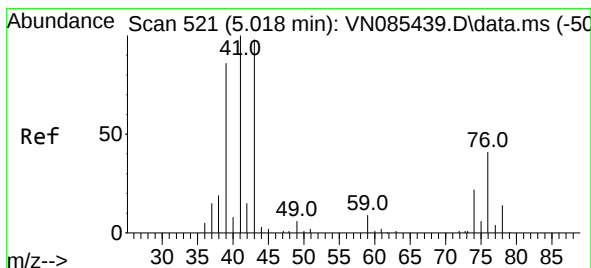
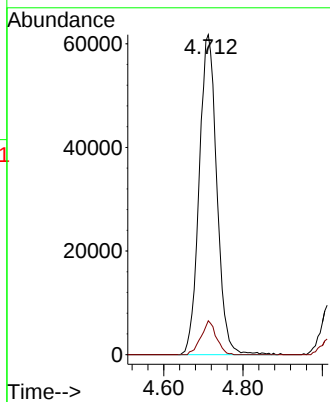
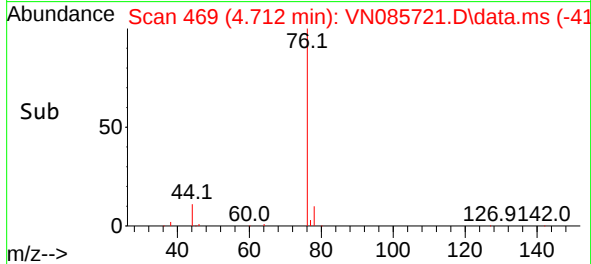
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 76 Resp: 190875
Ion Ratio Lower Upper
76 100
78 10.6 6.9 10.3

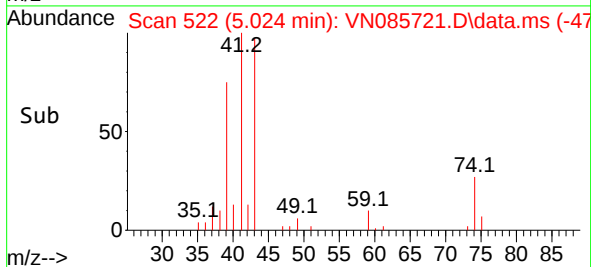
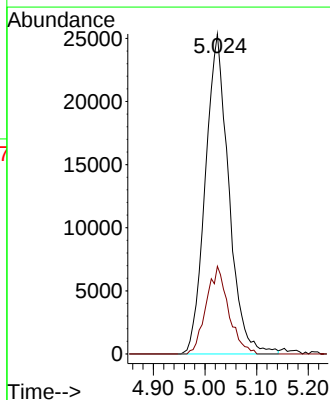
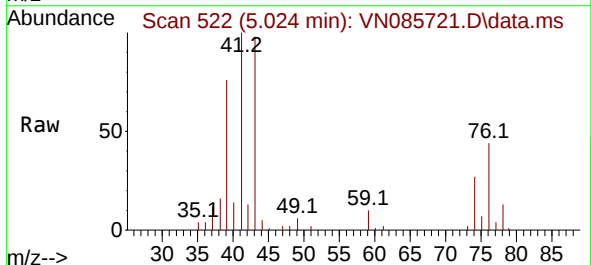
Manual Integrations
APPROVED

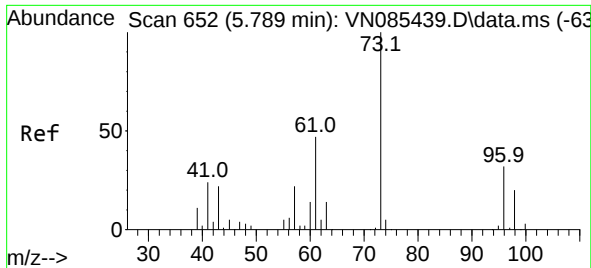
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
Methyl Acetate
Concen: 15.690 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

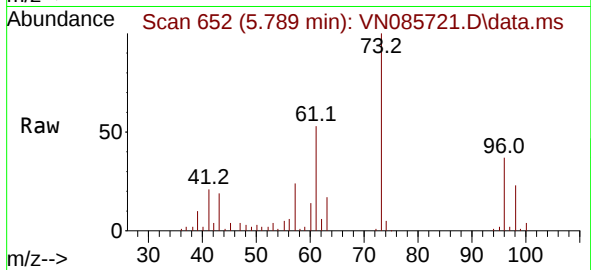
Tgt Ion: 43 Resp: 79755
Ion Ratio Lower Upper
43 100
74 26.1 18.6 28.0





#19
Methyl tert-butyl Ether
Concen: 17.914 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

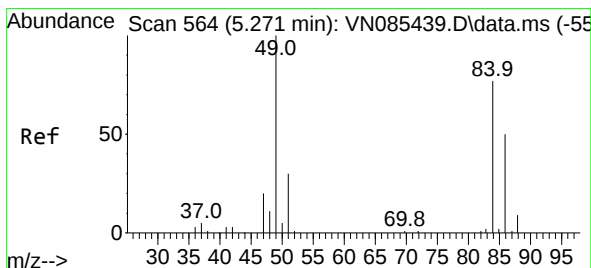
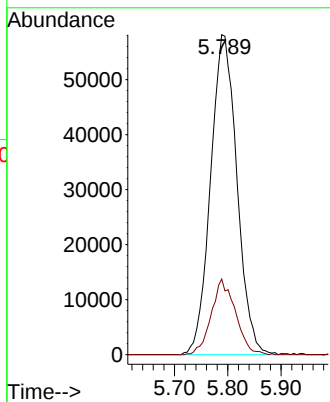
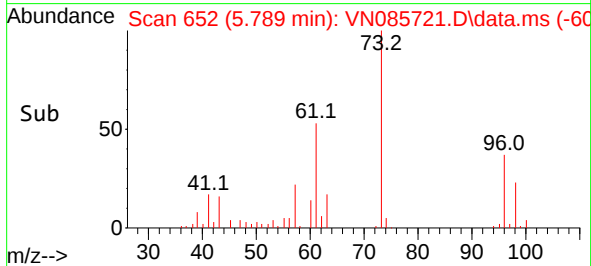
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 73 Resp: 20008
Ion Ratio Lower Upper
73 100
57 23.6 17.8 26.8

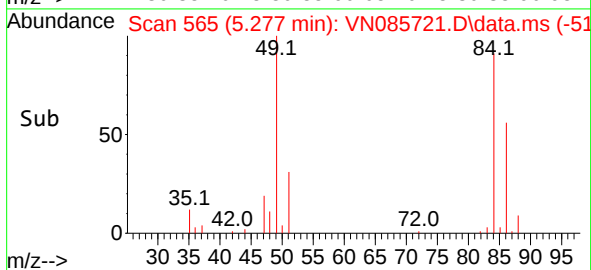
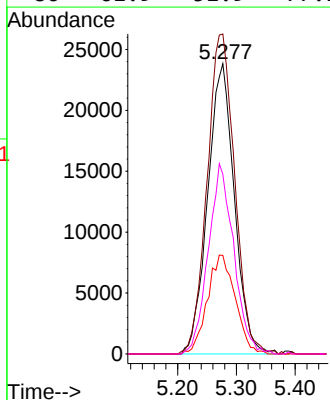
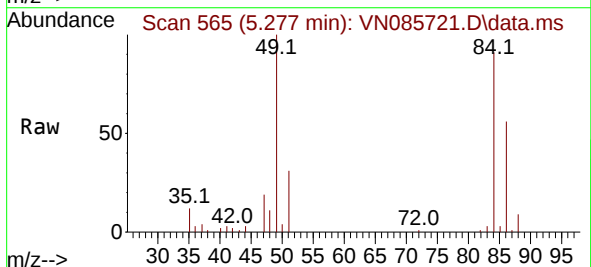
Manual Integrations
APPROVED

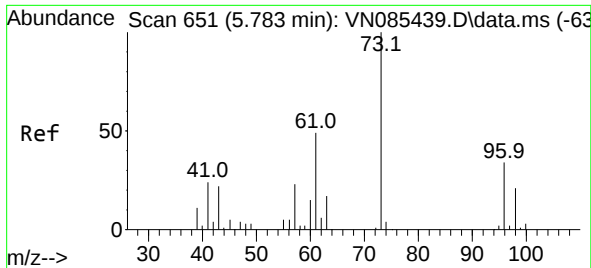
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 18.188 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

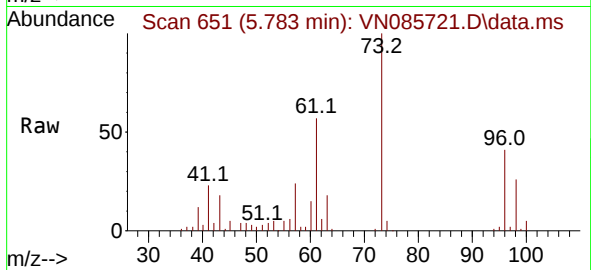
Tgt Ion: 84 Resp: 75264
Ion Ratio Lower Upper
84 100
49 110.2 104.1 156.1
51 33.9 31.0 46.4
86 61.9 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 18.539 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

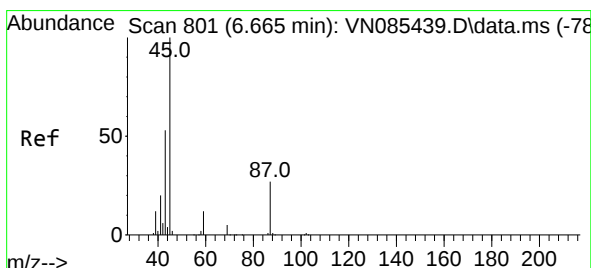
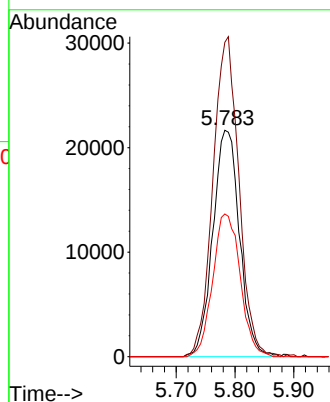
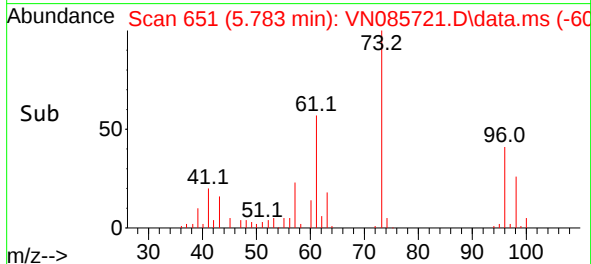
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 96 Resp: 68149
Ion Ratio Lower Upper
96 100
61 138.8 115.7 173.5
98 63.0 49.8 74.8

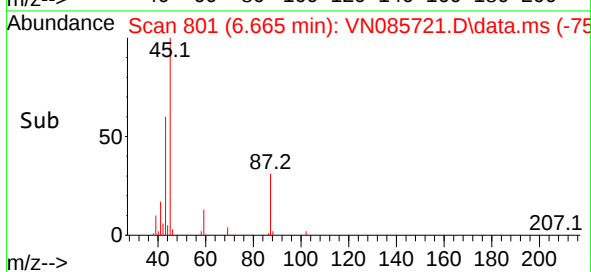
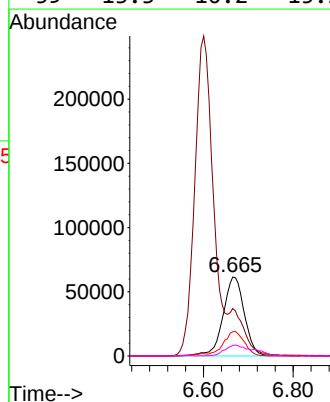
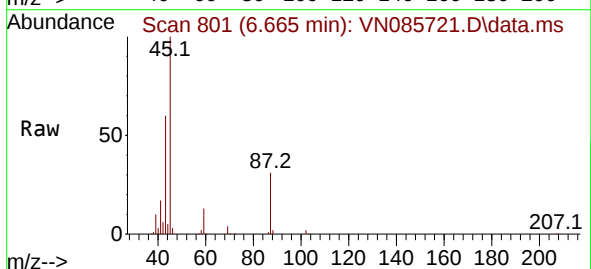
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#22
Diisopropyl ether
Concen: 16.367 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion: 45 Resp: 202767
Ion Ratio Lower Upper
45 100
43 58.9 45.0 67.6
87 30.7 21.8 32.8
59 13.3 10.2 15.2





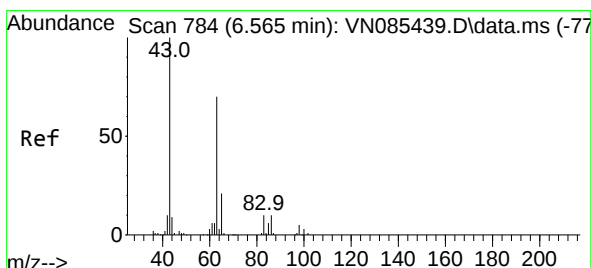
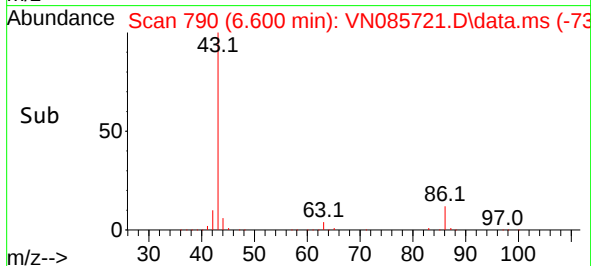
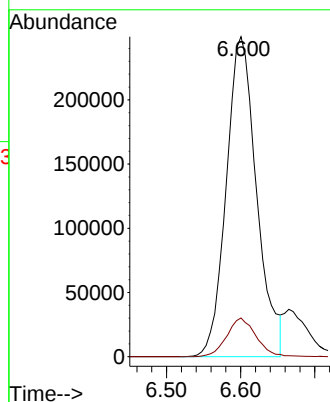
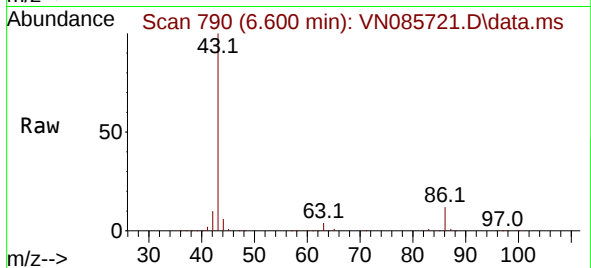
#23
 Vinyl Acetate
 Concen: 81.875 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01

Tgt Ion: 43 Resp: 709850
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.4 12.6

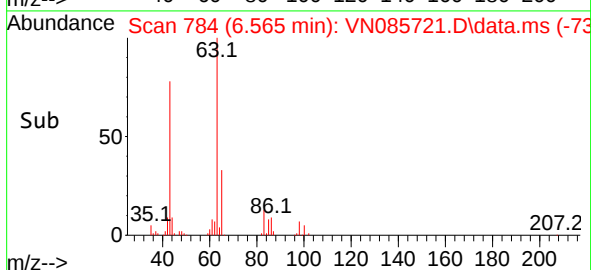
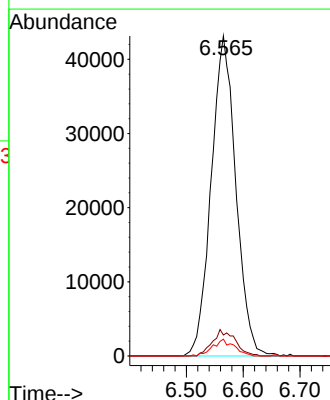
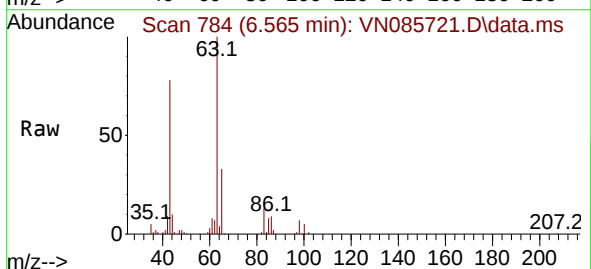
Manual Integrations
 APPROVED

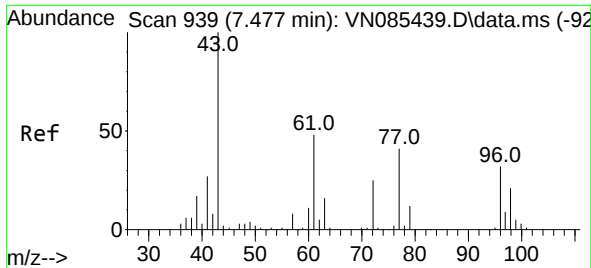
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 17.220 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12

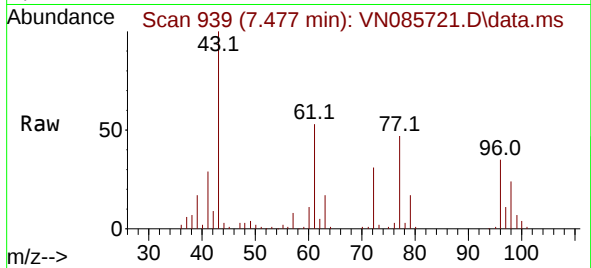
Tgt Ion: 63 Resp: 130079
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 5.3 2.0 6.0





#25
2-Butanone
Concen: 78.456 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

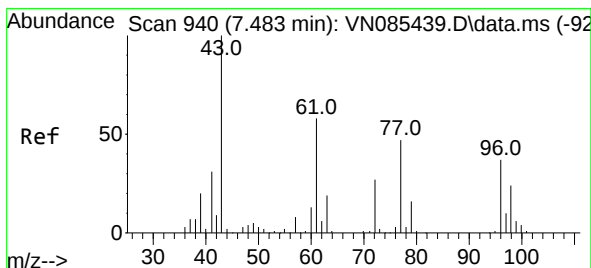
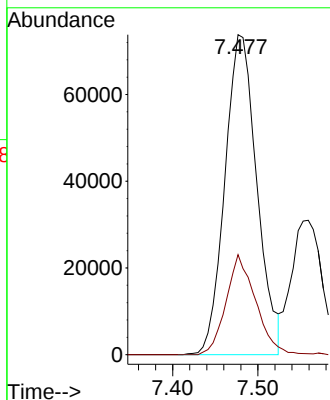
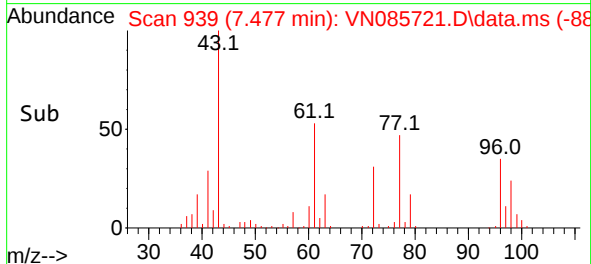
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



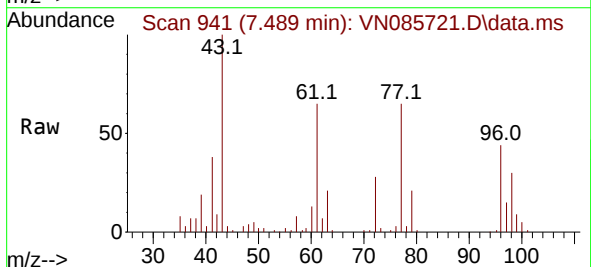
Tgt Ion: 43 Resp: 192994
Ion Ratio Lower Upper
43 100
72 31.3 20.2 30.4

Manual Integrations
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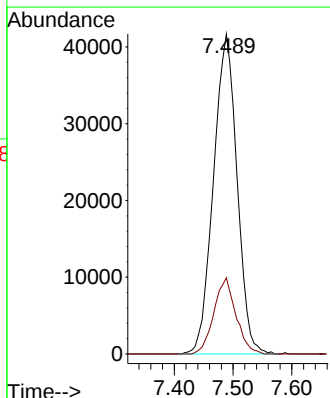
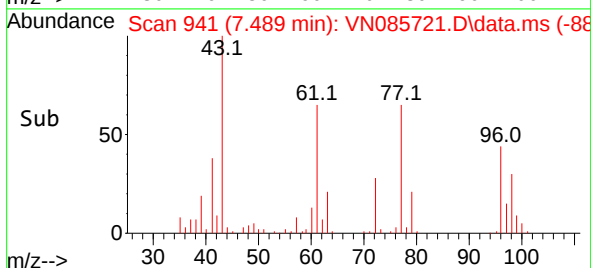
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

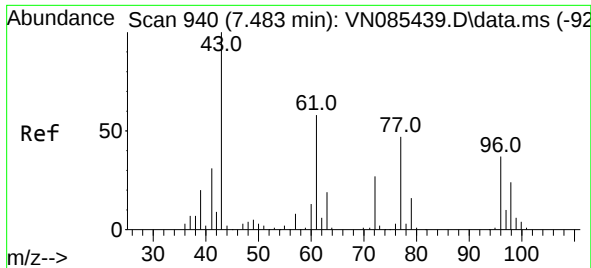


#26
2,2-Dichloropropane
Concen: 18.999 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



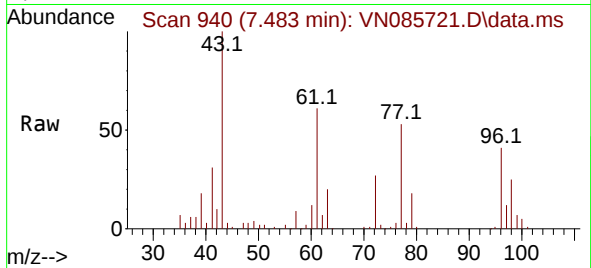
Tgt Ion: 77 Resp: 116035
Ion Ratio Lower Upper
77 100
97 22.2 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.843 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12

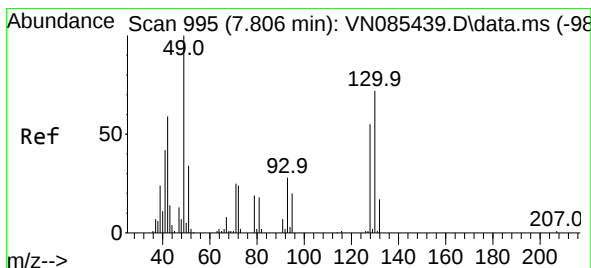
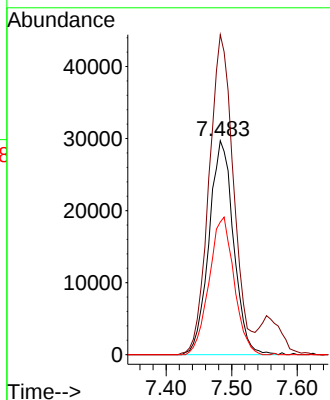
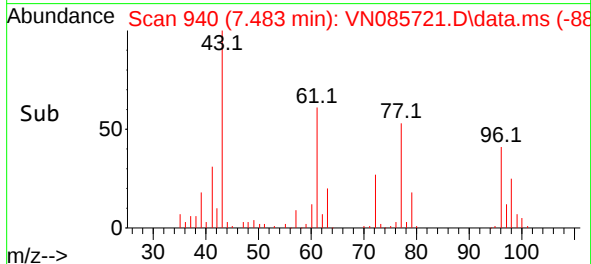
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01



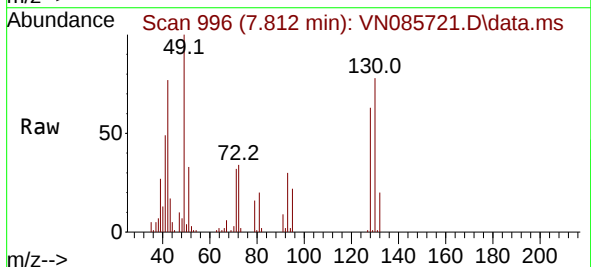
Tgt Ion: 96 Resp: 7725
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 311.8
 98 65.2 0.0 126.0

Manual Integrations
 APPROVED

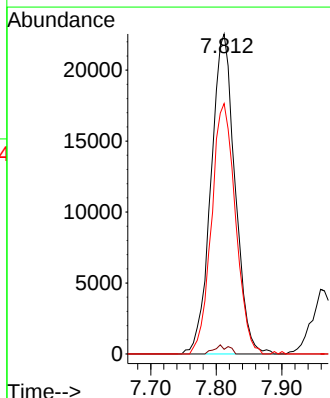
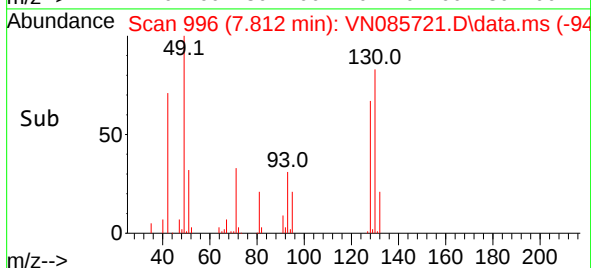
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

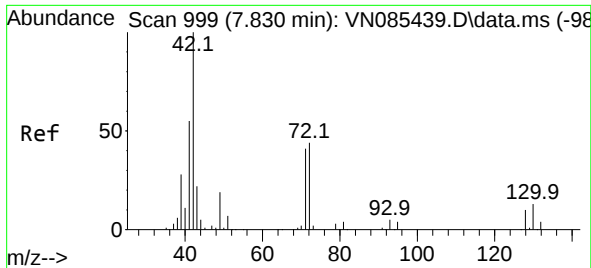


#28
 Bromochloromethane
 Concen: 16.315 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12



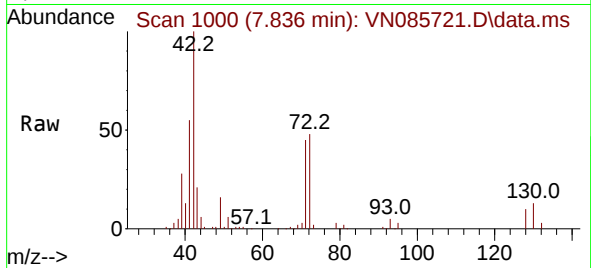
Tgt Ion: 49 Resp: 57336
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 77.9 55.0 82.4





#29
Tetrahydrofuran
Concen: 81.095 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

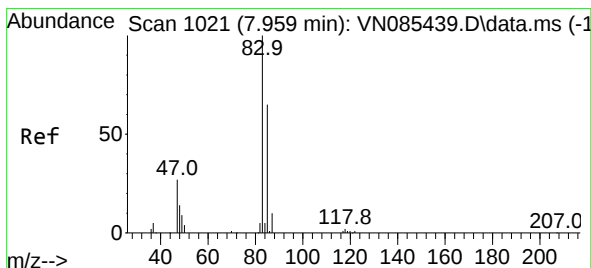
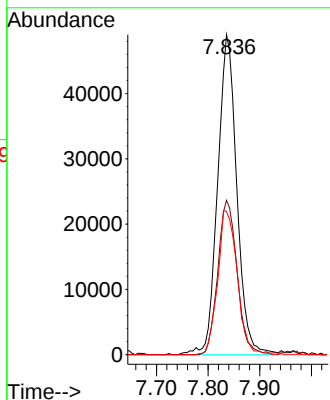
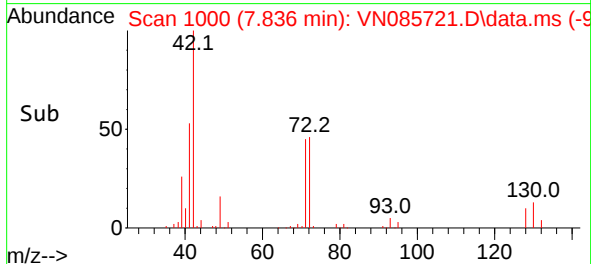
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



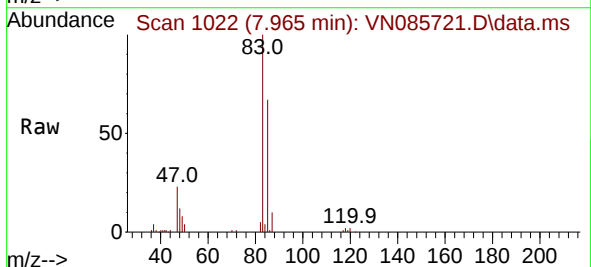
Tgt Ion: 42 Resp: 12647
Ion Ratio Lower Upper
42 100
72 48.4 34.2 51.2
71 45.9 32.5 48.7

Manual Integrations
APPROVED

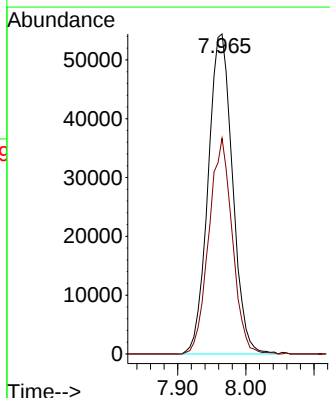
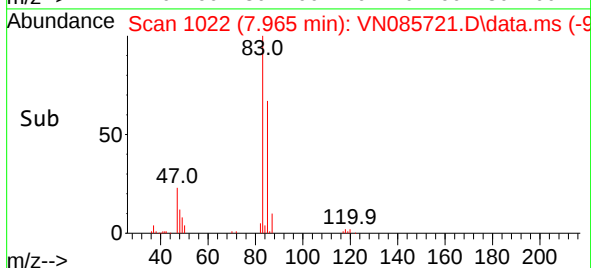
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

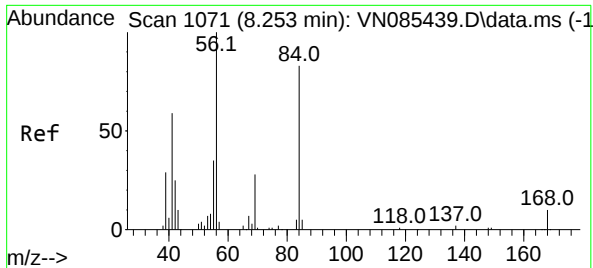


#30
Chloroform
Concen: 17.374 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



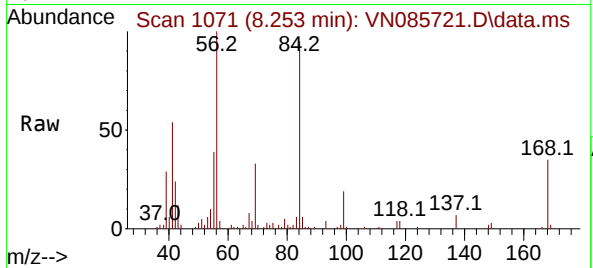
Tgt Ion: 83 Resp: 135647
Ion Ratio Lower Upper
83 100
85 67.4 51.8 77.6





#31
Cyclohexane
Concen: 16.583 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

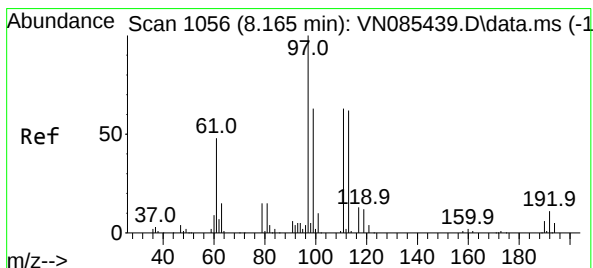
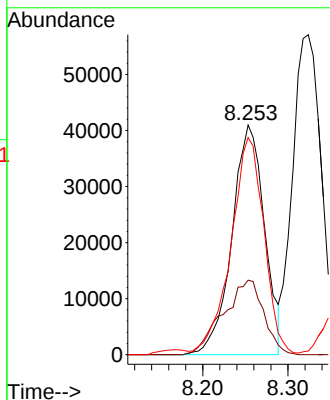
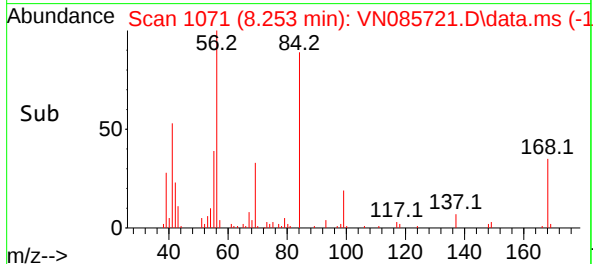
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



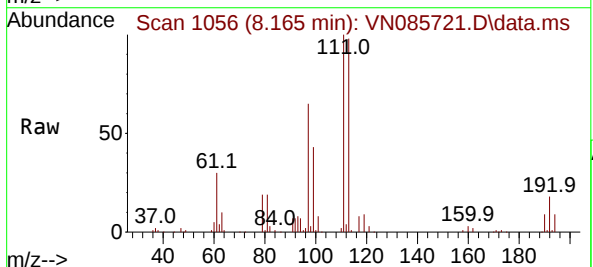
Tgt Ion: 56 Resp: 10888
Ion Ratio Lower Upper
56 100
69 32.5 22.2 33.4
84 92.5 66.4 99.6

Manual Integrations
APPROVED

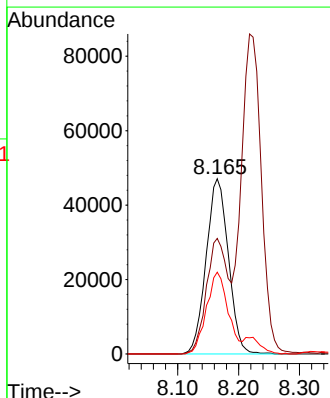
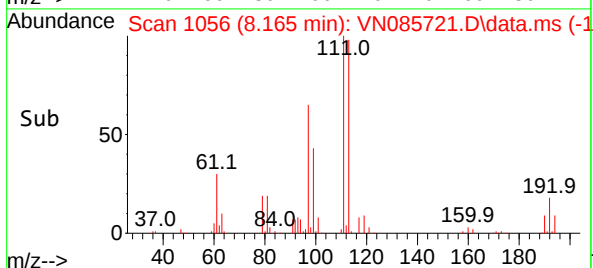
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

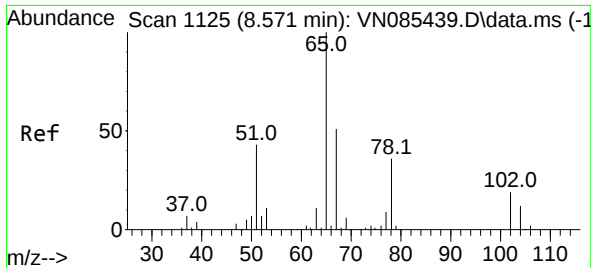


#32
1,1,1-Trichloroethane
Concen: 17.458 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



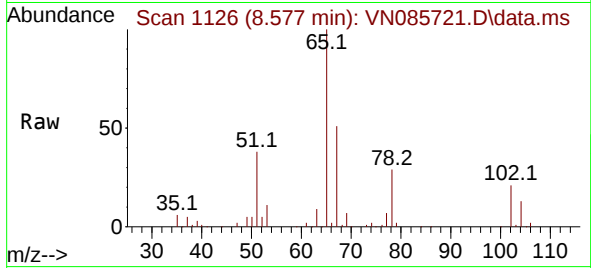
Tgt Ion: 97 Resp: 119557
Ion Ratio Lower Upper
97 100
99 64.3 49.8 74.6
61 45.9 41.4 62.2





#33
 1,2-Dichloroethane-d4
 Concen: 39.286 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12

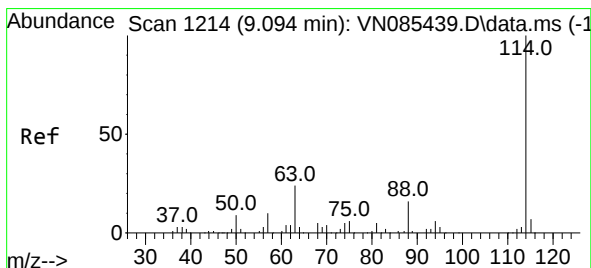
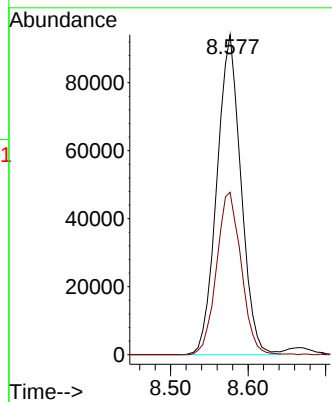
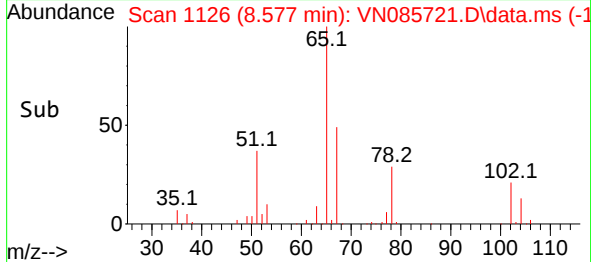
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01



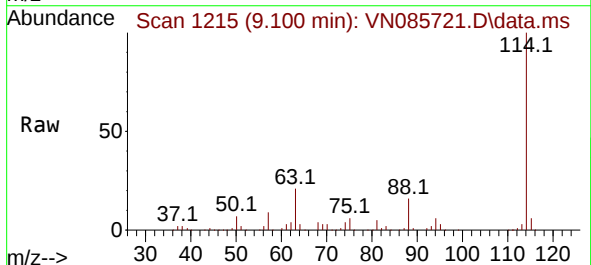
Tgt Ion: 65 Resp: 203240
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.6

Manual Integrations
 APPROVED

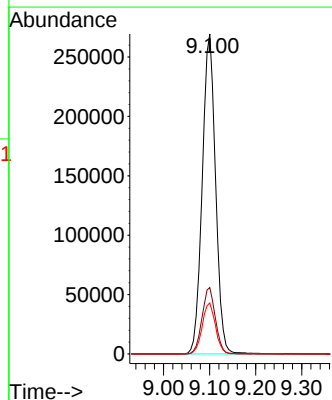
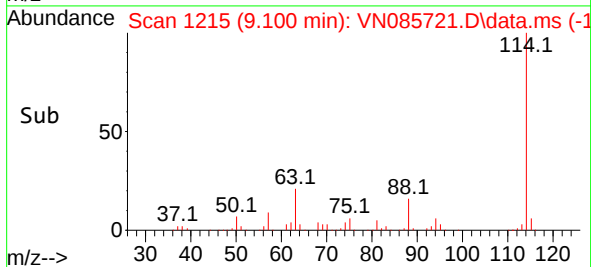
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

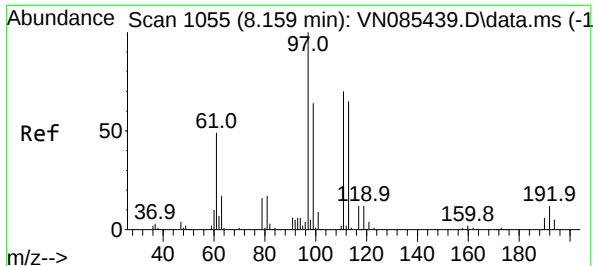


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12



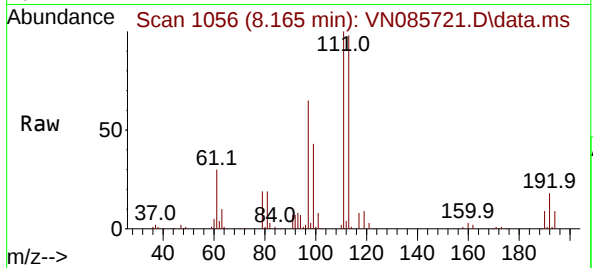
Tgt Ion:114 Resp: 543900
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 47.6
 88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 44.520 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

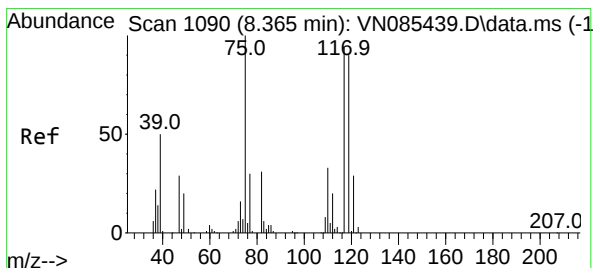
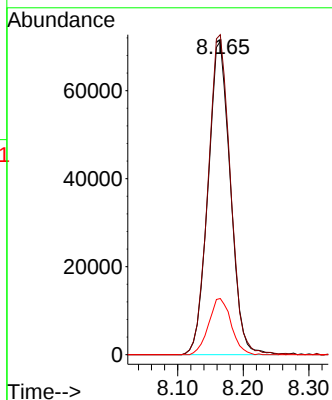
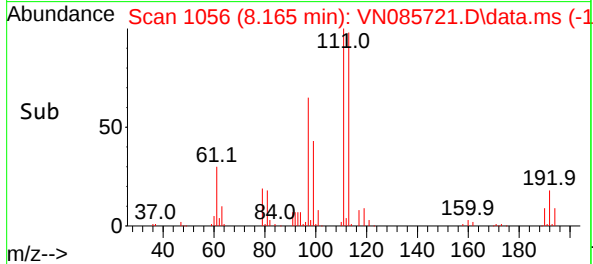
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



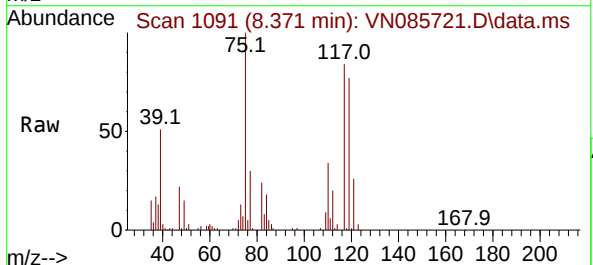
Tgt Ion:113 Resp: 167990
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 18.1 14.3 21.5

Manual Integrations
APPROVED

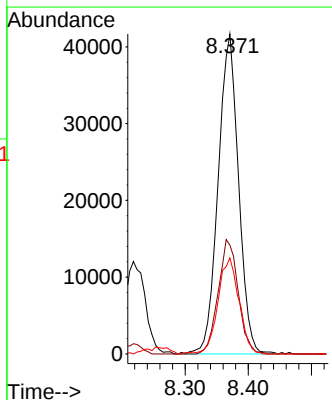
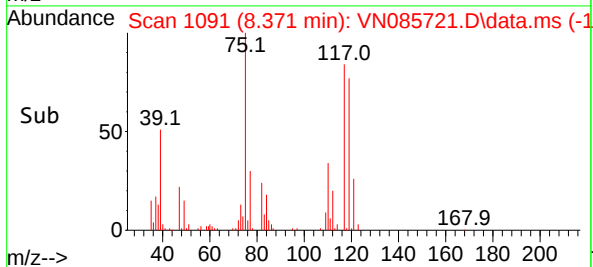
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

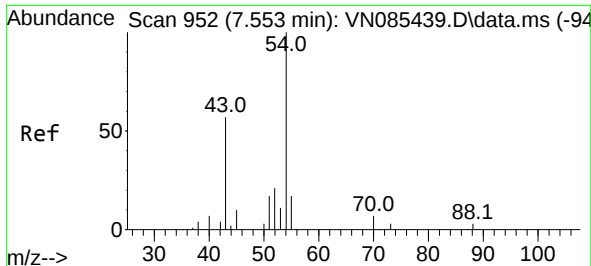


#36
1,1-Dichloropropene
Concen: 17.665 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



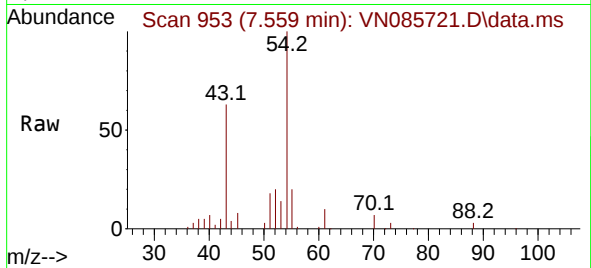
Tgt Ion: 75 Resp: 93549
Ion Ratio Lower Upper
75 100
110 35.0 16.5 49.5
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 14.933 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

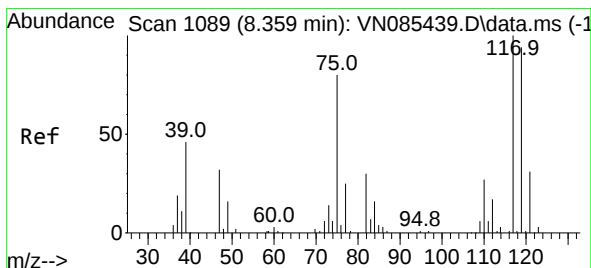
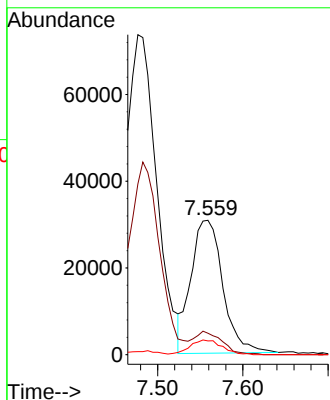
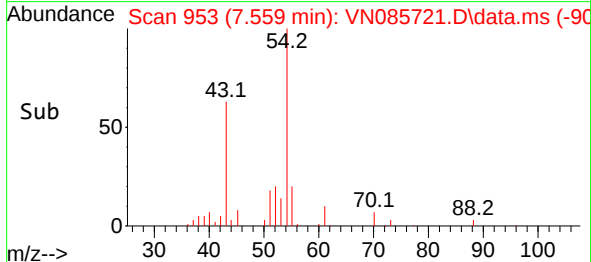
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 43 Resp: 7982
Ion Ratio Lower Upper
43 100
61 15.2 10.9 16.3
70 11.1 7.5 11.3

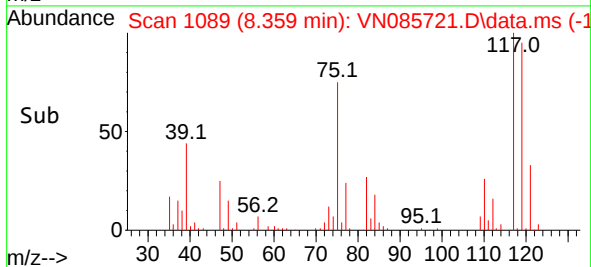
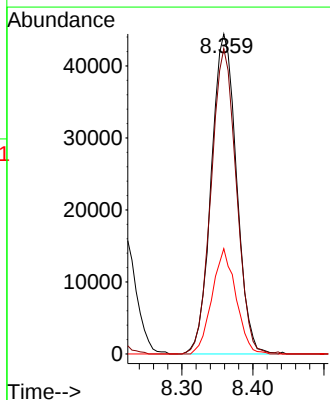
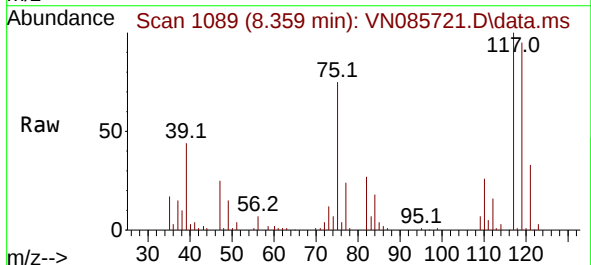
Manual Integrations
APPROVED

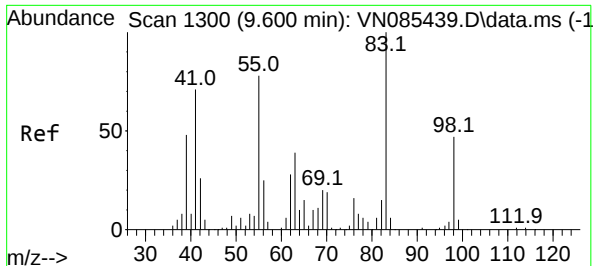
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Carbon Tetrachloride
Concen: 18.030 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion:117 Resp: 109315
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.2
121 32.9 24.6 37.0





#39

Methylcyclohexane

Concen: 18.470 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

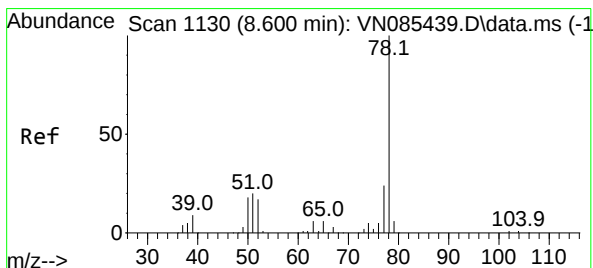
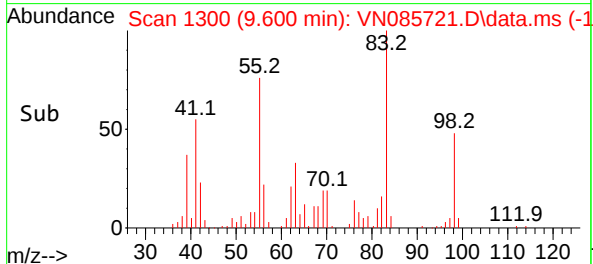
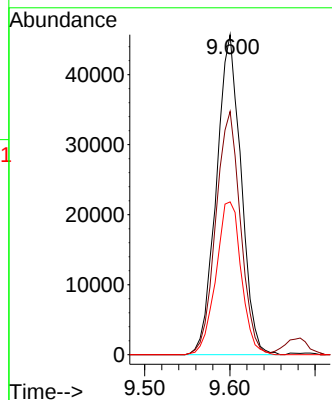
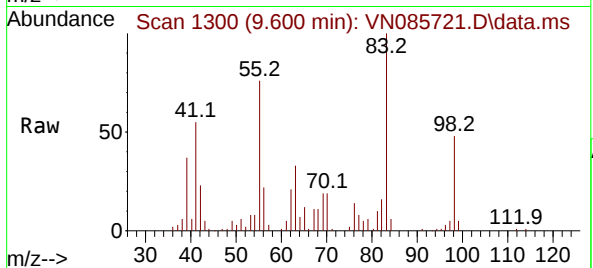
Tgt Ion: 83 Resp: 91915
 Ion Ratio Lower Upper
 83 100
 55 76.0 62.6 94.0
 98 47.8 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#40

Benzene

Concen: 18.255 ug/l

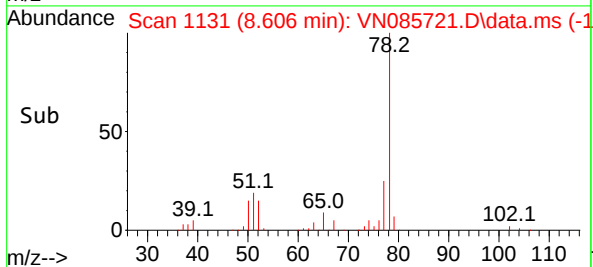
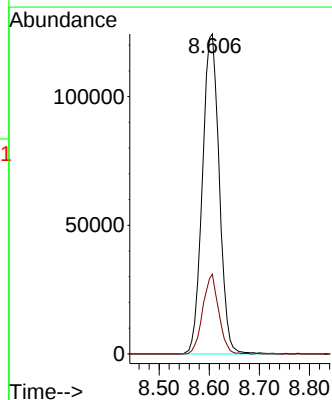
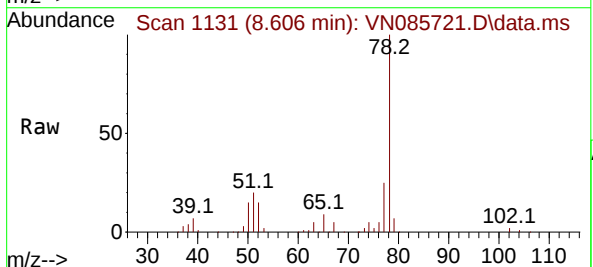
RT: 8.606 min Scan# 1131

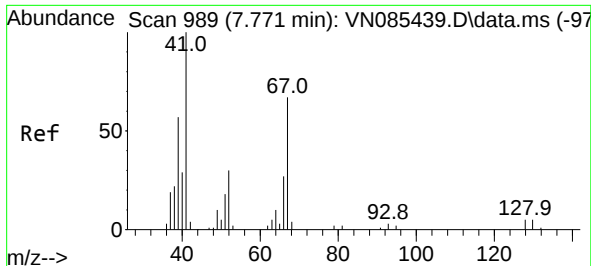
Delta R.T. 0.006 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

Tgt Ion: 78 Resp: 290473
 Ion Ratio Lower Upper
 78 100
 77 25.0 19.0 28.6





#41
Methacrylonitrile
Concen: 15.484 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

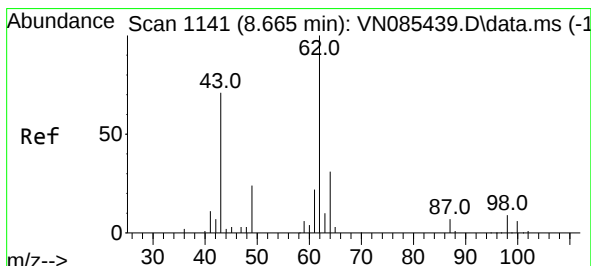
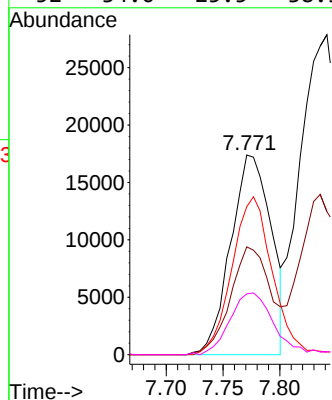
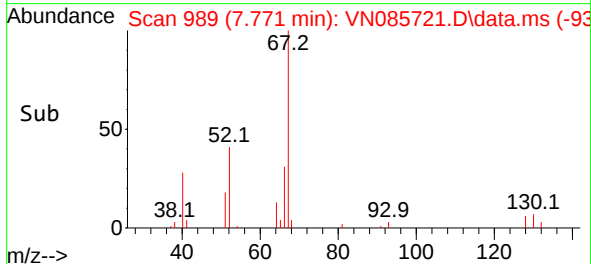
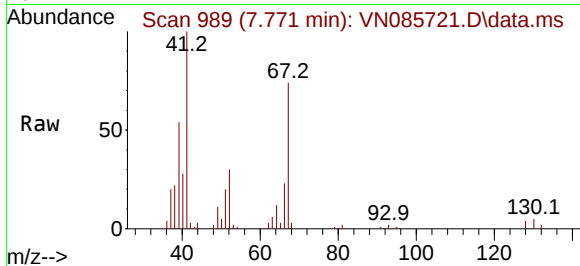
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion: 41 Resp: 43060

Ion	Ratio	Lower	Upper
41	100		
39	53.2	46.0	69.0
67	79.2	57.4	86.2
52	34.0	25.5	38.3

Manual Integrations
APPROVED

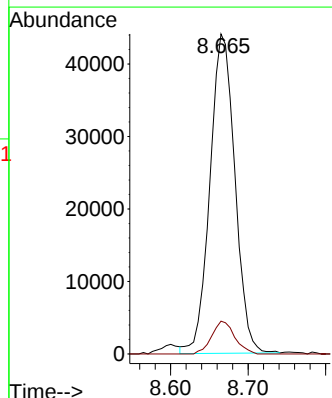
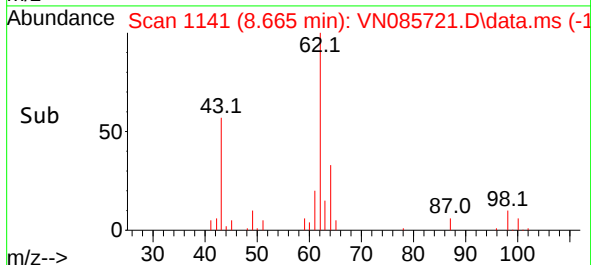
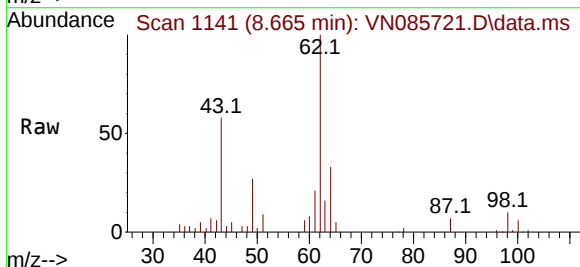
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

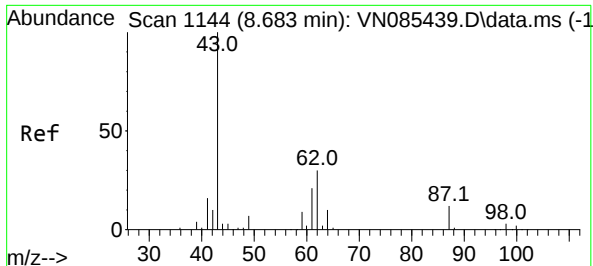


#42
1,2-Dichloroethane
Concen: 16.466 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion: 62 Resp: 98683

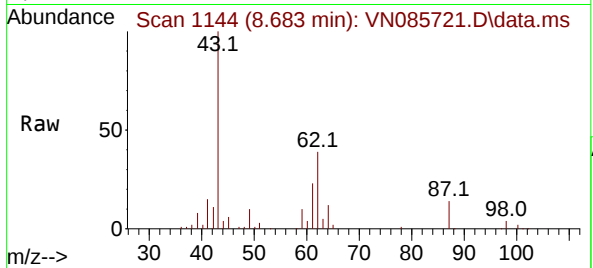
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.0





#43
Isopropyl Acetate
Concen: 16.931 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

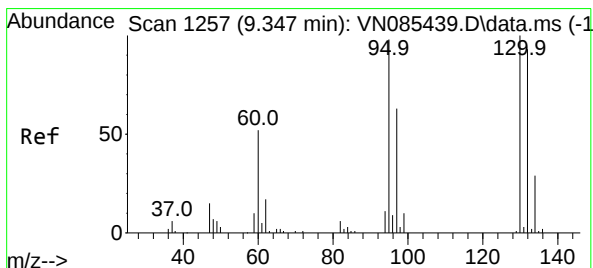
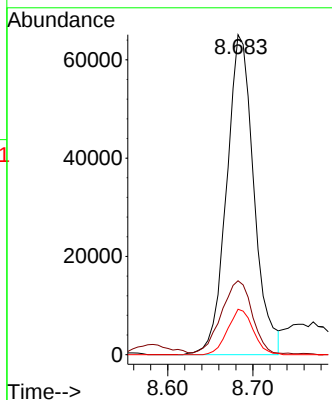
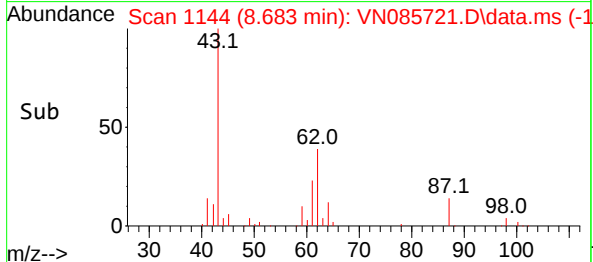
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 43 Resp: 145019
Ion Ratio Lower Upper
43 100
61 25.9 20.7 31.1
87 13.2 9.8 14.8

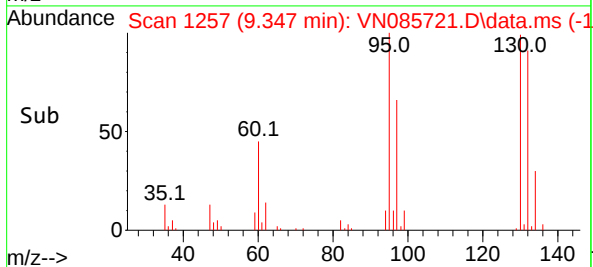
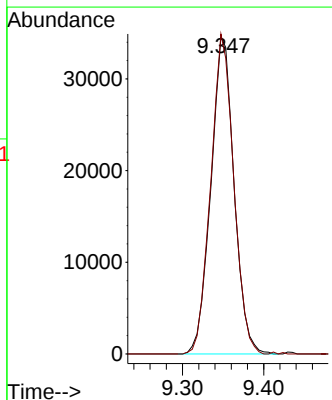
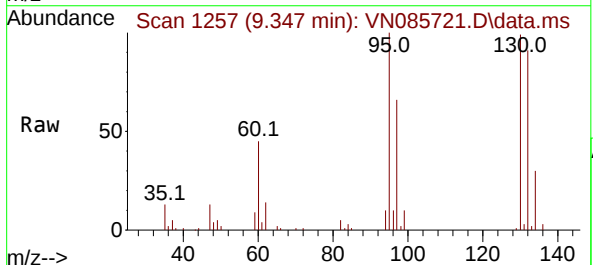
Manual Integrations
APPROVED

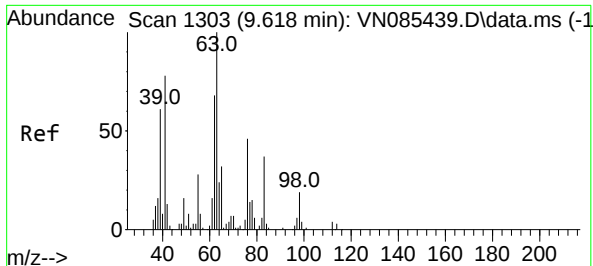
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44
Trichloroethene
Concen: 18.534 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion:130 Resp: 68649
Ion Ratio Lower Upper
130 100
95 101.0 0.0 195.8





#45

1,2-Dichloropropane

Concen: 17.177 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

Tgt Ion: 63 Resp: 6981

Ion Ratio Lower Upper

63 100

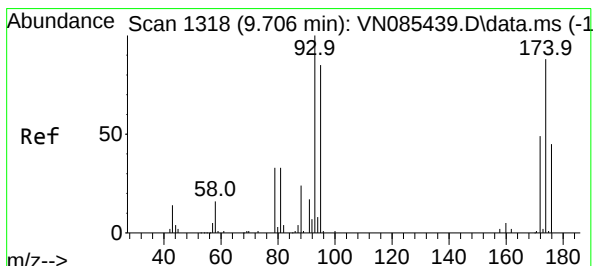
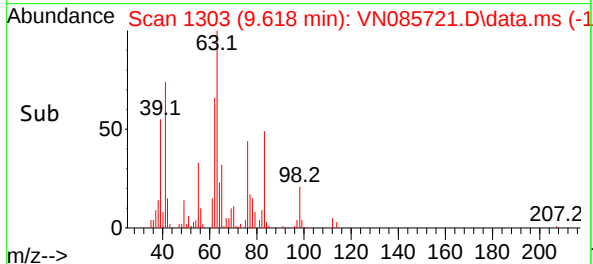
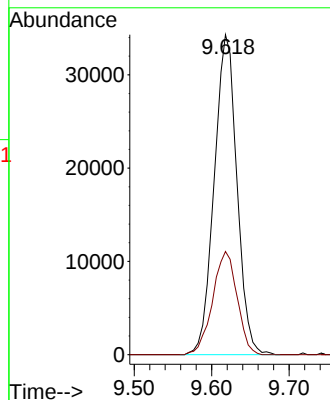
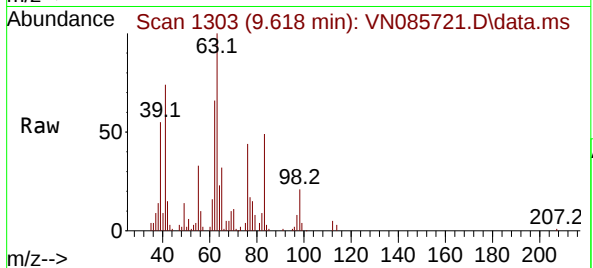
65 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#46

Dibromomethane

Concen: 17.314 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

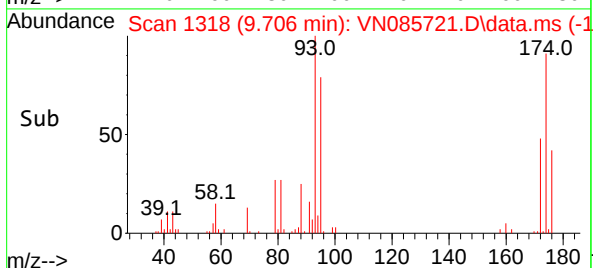
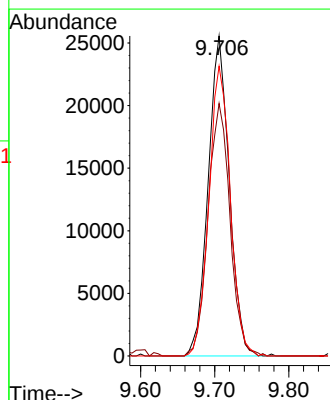
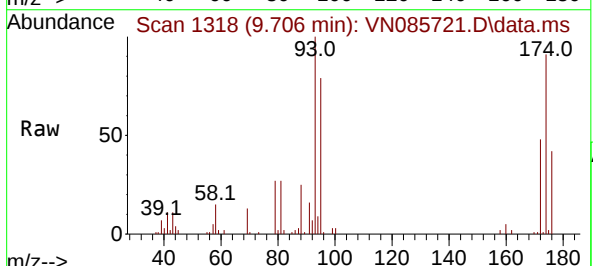
Tgt Ion: 93 Resp: 50778

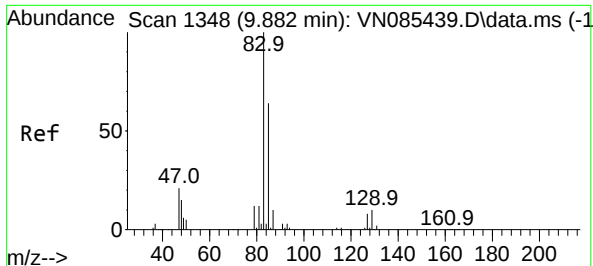
Ion Ratio Lower Upper

93 100

95 81.8 64.7 97.1

174 91.9 69.0 103.4





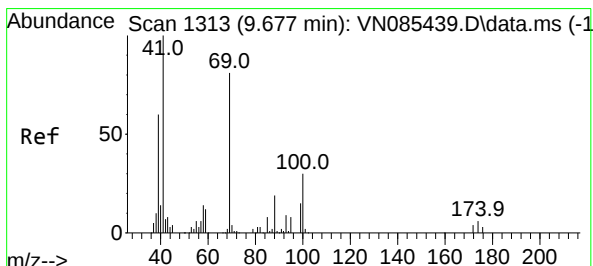
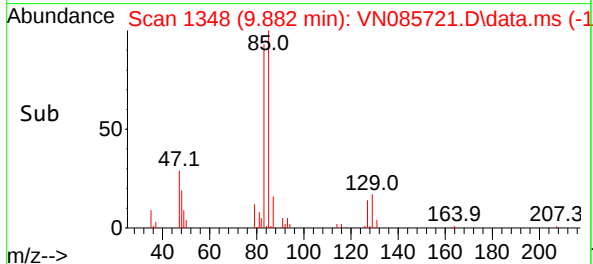
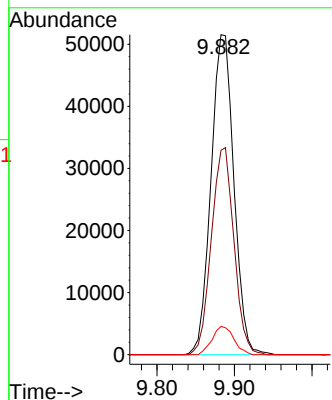
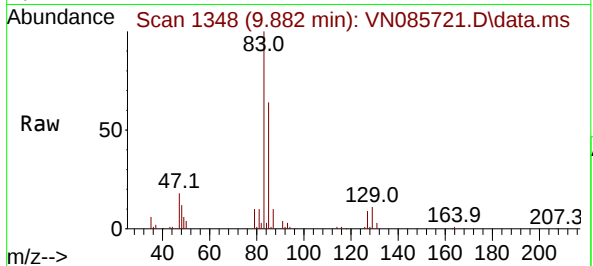
#47
Bromodichloromethane
Concen: 17.684 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion: 83 Resp: 105660
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8
127 8.8 6.5 9.7

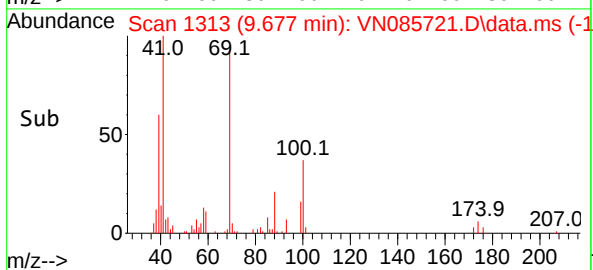
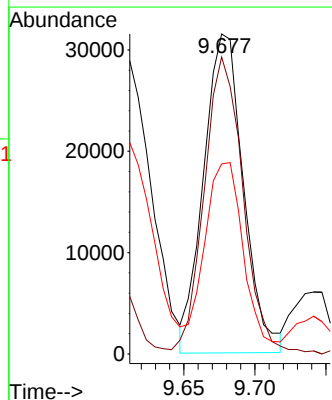
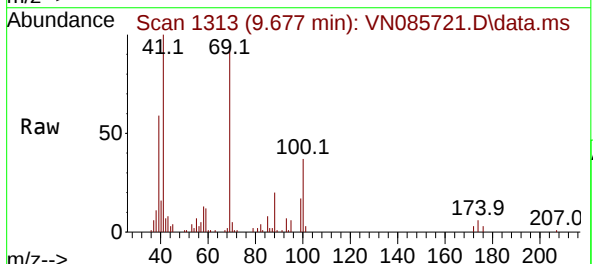
Manual Integrations
APPROVED

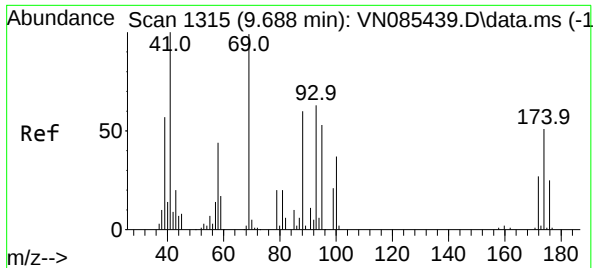
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48
Methyl methacrylate
Concen: 15.900 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion: 41 Resp: 61288
Ion Ratio Lower Upper
41 100
69 91.1 64.7 97.1
39 60.2 49.0 73.6





#49

1,4-Dioxane

Concen: 365.912 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

Tgt Ion: 88 Resp: 2375

Ion Ratio Lower Upper

88 100

43 29.1 26.6 39.8

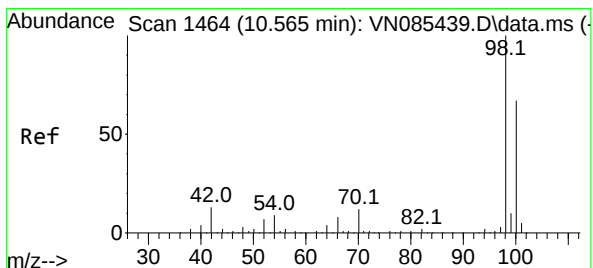
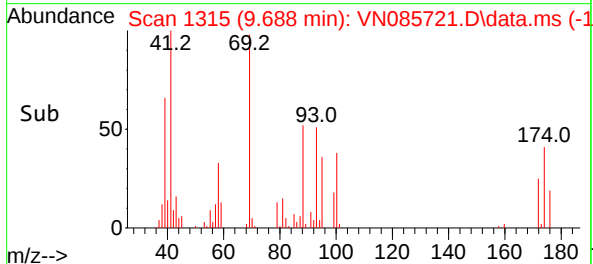
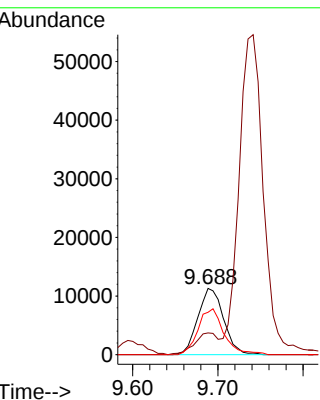
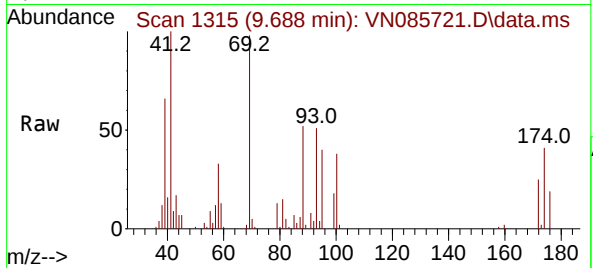
58 69.6 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#50

Toluene-d8

Concen: 44.551 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085721.D

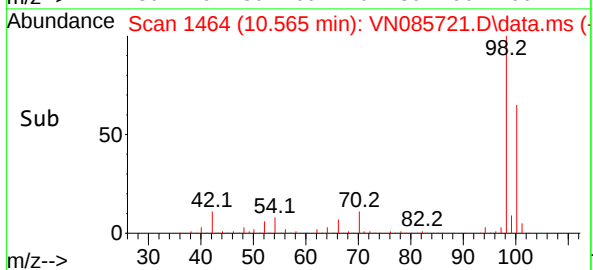
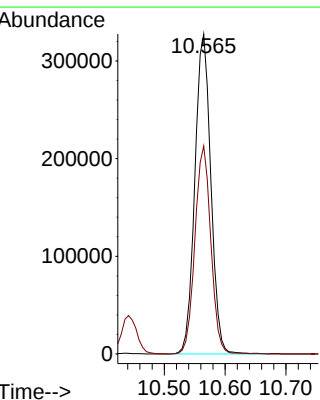
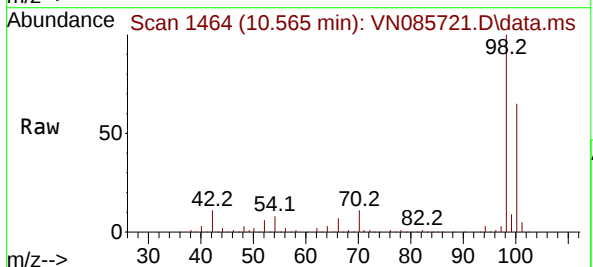
Acq: 10 Feb 2025 14:12

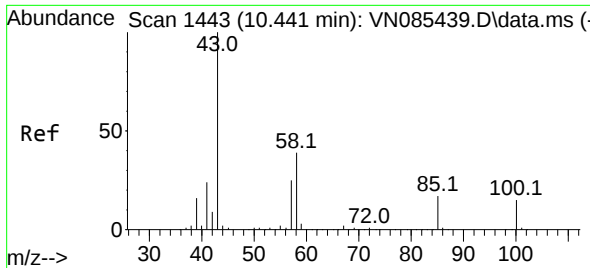
Tgt Ion: 98 Resp: 597282

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4





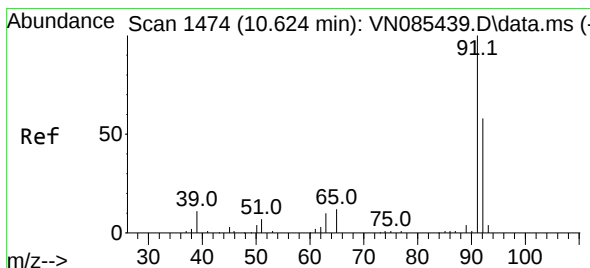
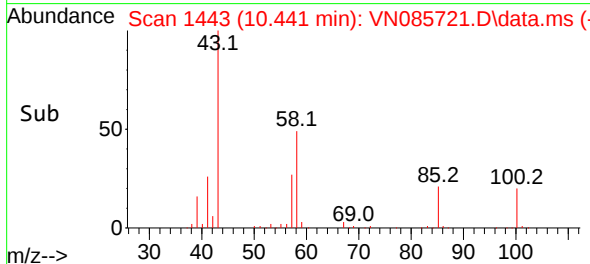
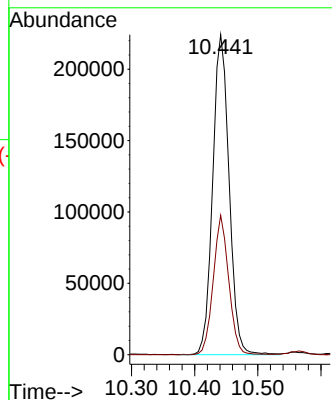
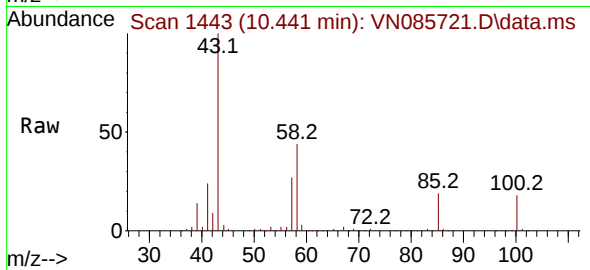
#51
4-Methyl-2-Pentanone
Concen: 81.388 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion: 43 Resp: 40451
Ion Ratio Lower Upper
43 100
58 41.1 30.5 45.7

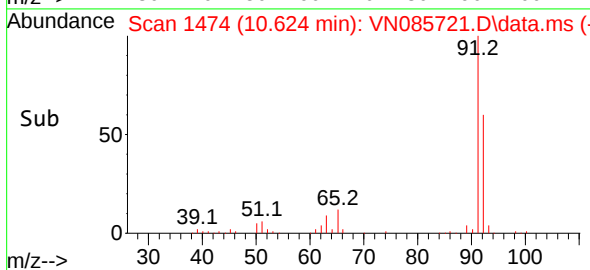
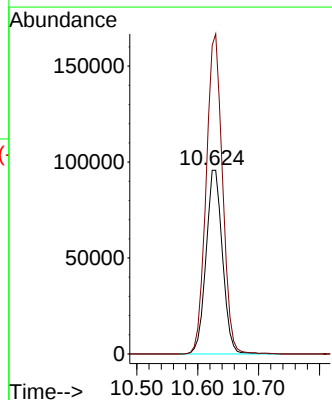
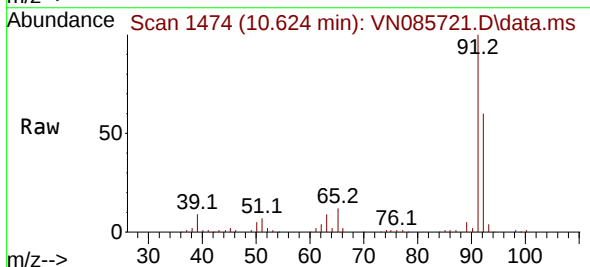
Manual Integrations
APPROVED

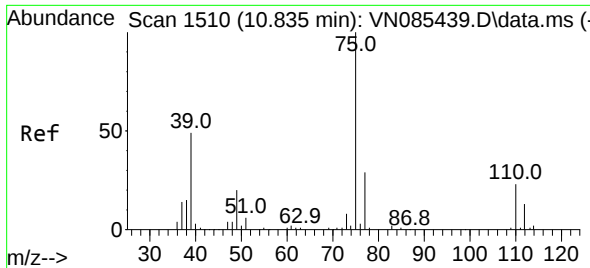
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Toluene
Concen: 19.443 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

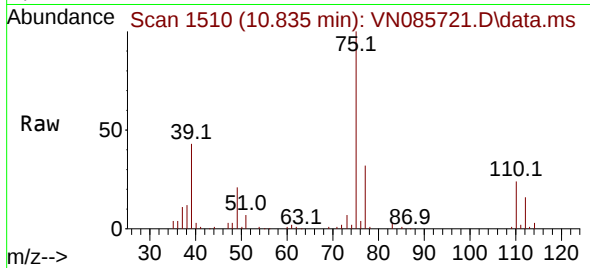
Tgt Ion: 92 Resp: 179258
Ion Ratio Lower Upper
92 100
91 173.3 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 17.898 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

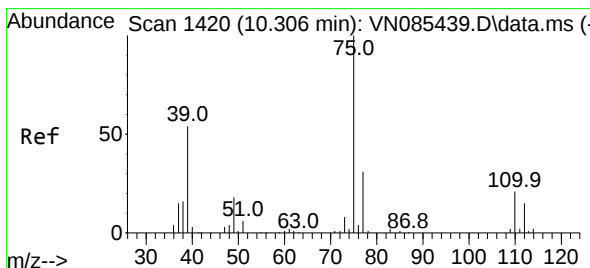
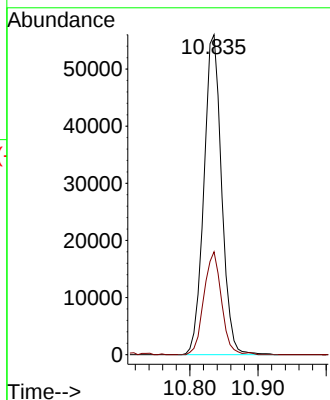
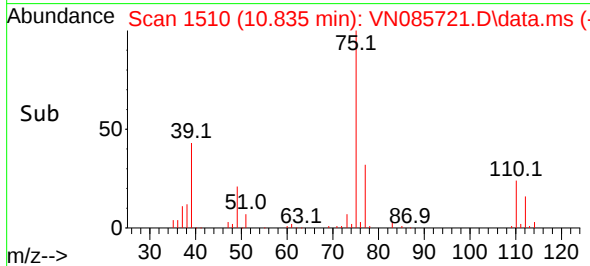
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



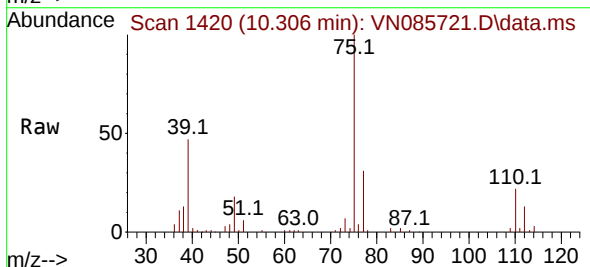
Tgt Ion: 75 Resp: 101058
Ion Ratio Lower Upper
75 100
77 32.2 23.5 35.3

Manual Integrations
APPROVED

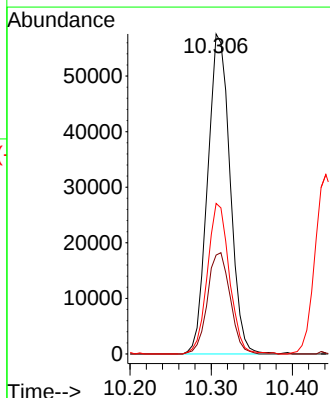
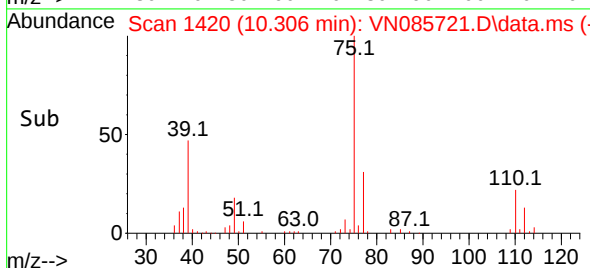
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

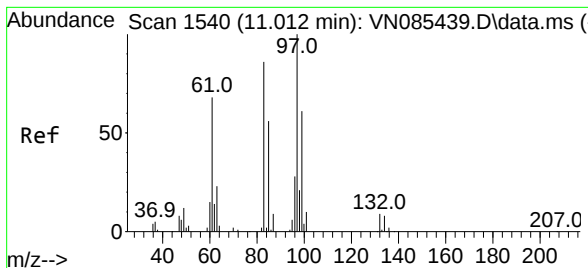


#54
cis-1,3-Dichloropropene
Concen: 18.301 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



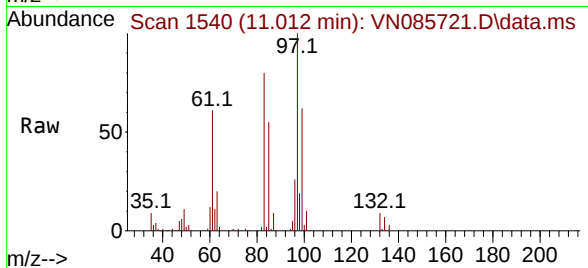
Tgt Ion: 75 Resp: 110376
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 47.1 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 18.314 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

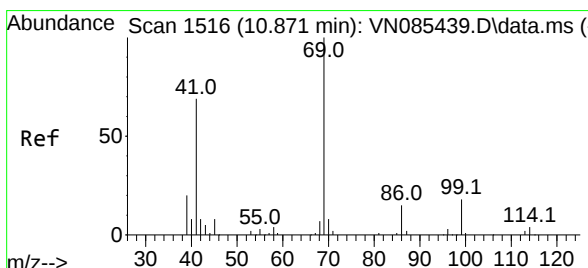
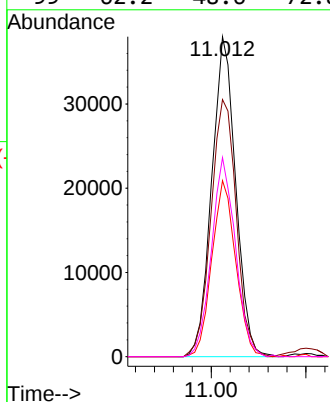
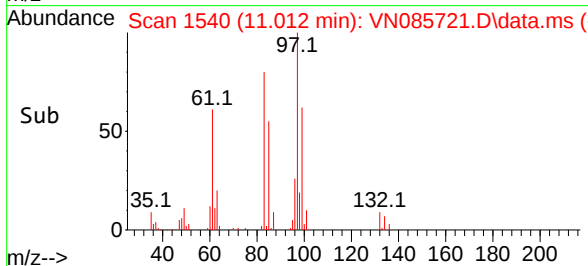
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



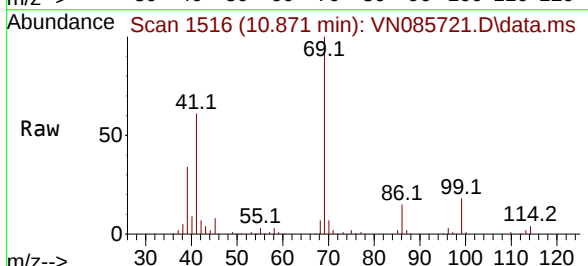
Tgt Ion: 97 Resp: 6682
Ion Ratio Lower Upper
97 100
83 80.4 69.0 103.6
85 55.0 44.6 66.8
99 62.2 48.6 72.8

Manual Integrations
APPROVED

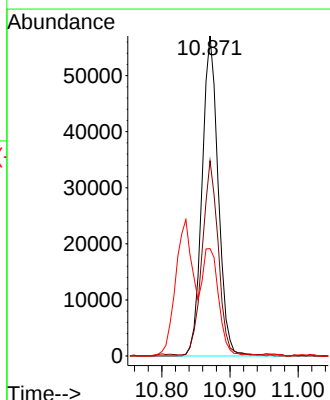
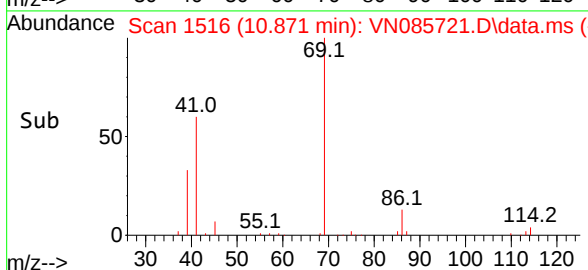
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

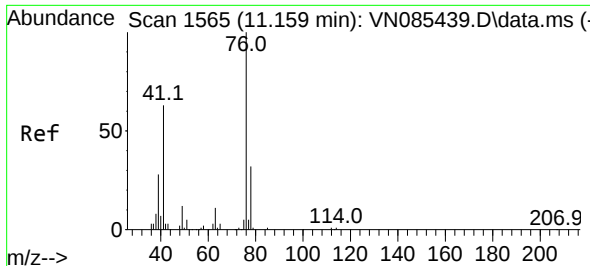


#56
Ethyl methacrylate
Concen: 16.640 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion: 69 Resp: 94038
Ion Ratio Lower Upper
69 100
41 60.0 54.6 82.0
39 33.5 32.4 48.6





#57

1,3-Dichloropropane

Concen: 17.868 ug/l

RT: 11.159 min Scan# 11336

Delta R.T. 0.000 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

Tgt Ion: 76 Resp: 11336

Ion Ratio Lower Upper

76 100

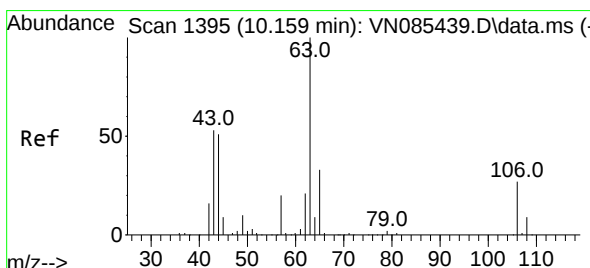
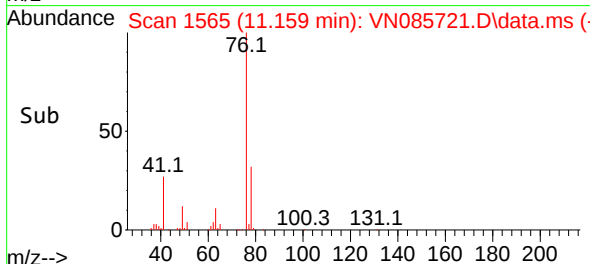
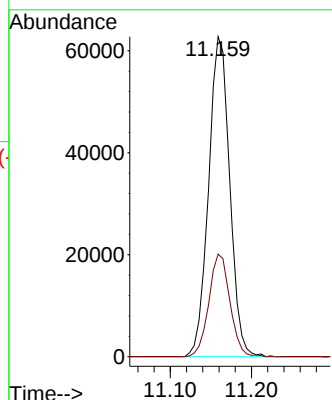
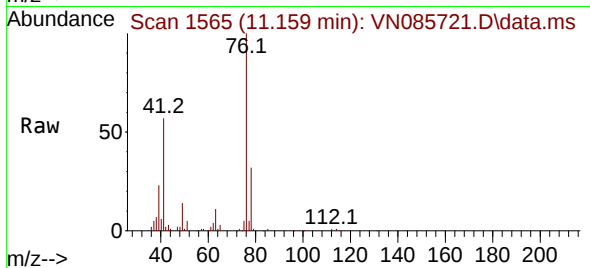
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.468 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085721.D

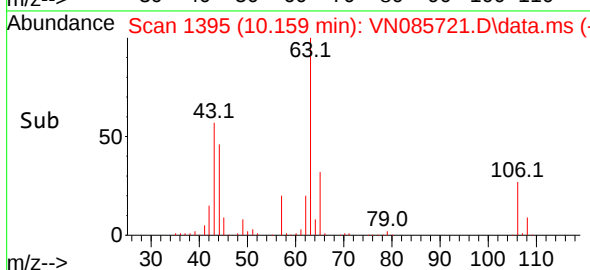
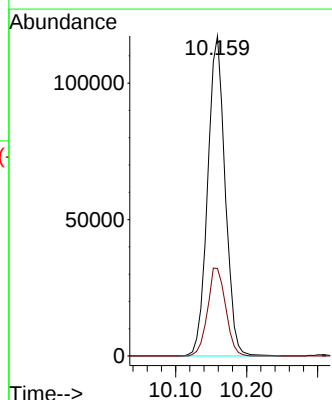
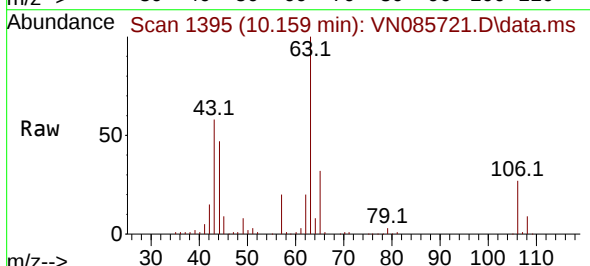
Acq: 10 Feb 2025 14:12

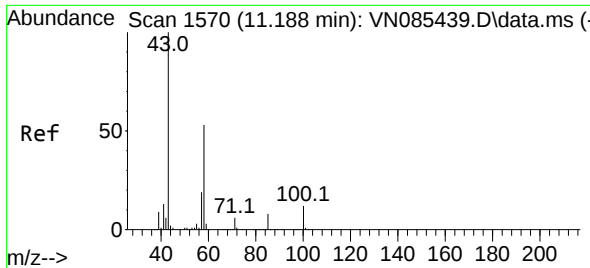
Tgt Ion: 63 Resp: 200212

Ion Ratio Lower Upper

63 100

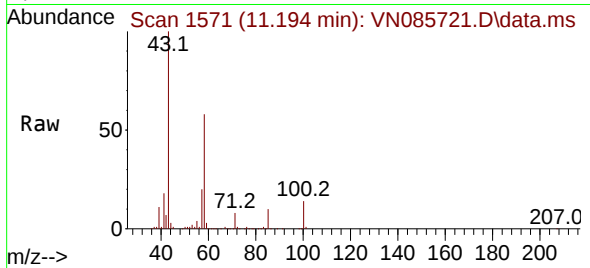
106 28.5 21.6 32.4





#59
2-Hexanone
Concen: 82.233 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

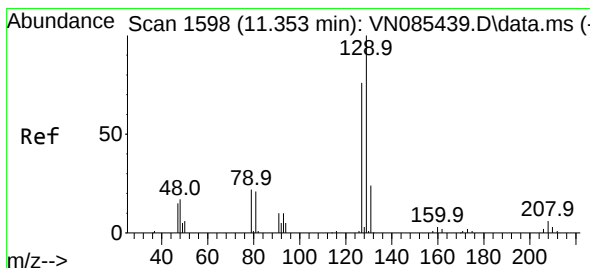
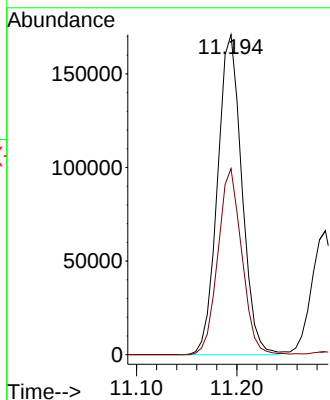
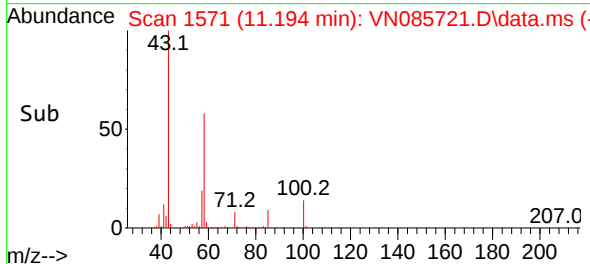
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 43 Resp: 287580
Ion Ratio Lower Upper
43 100
58 57.0 26.2 78.6

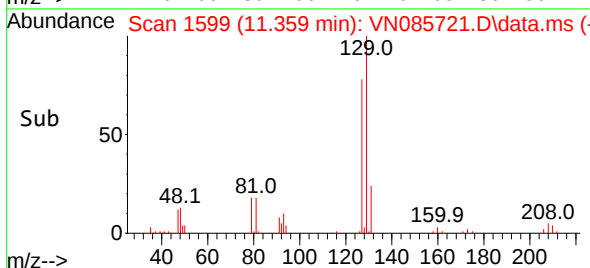
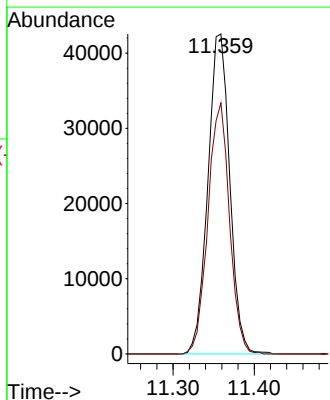
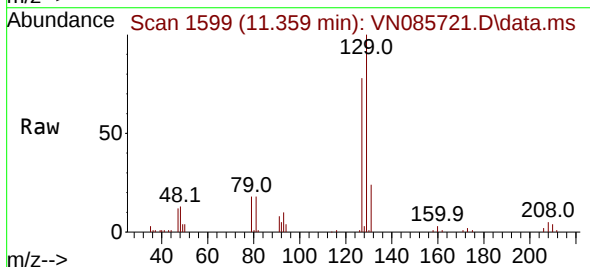
Manual Integrations
APPROVED

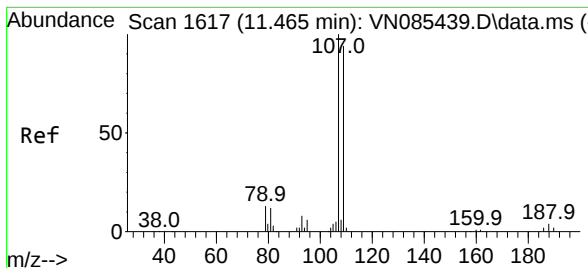
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
Dibromochloromethane
Concen: 18.085 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion:129 Resp: 79667
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





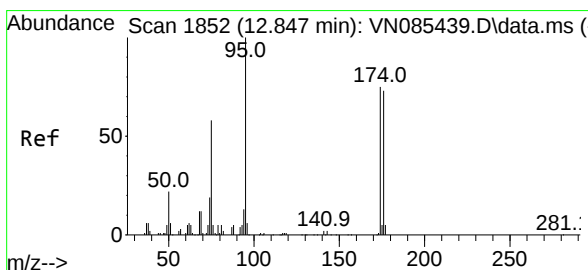
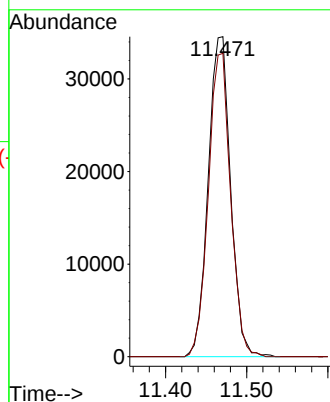
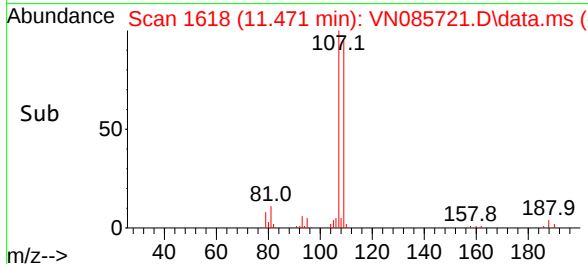
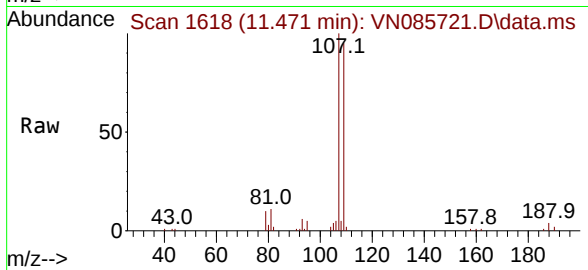
#61
1,2-Dibromoethane
Concen: 18.249 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion:107 Resp: 66280
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9

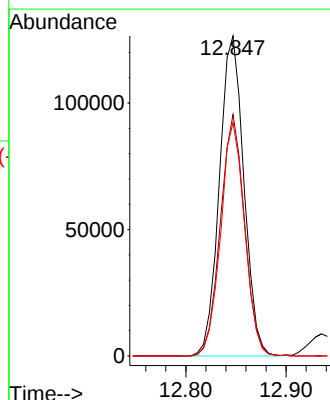
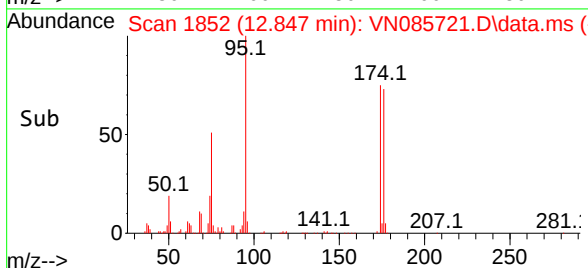
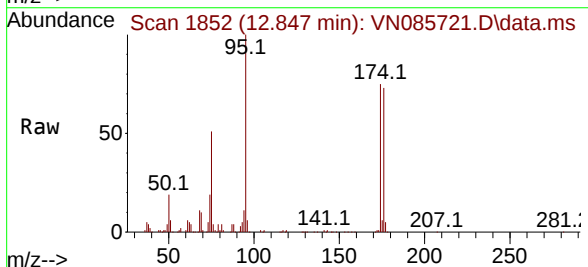
Manual Integrations
APPROVED

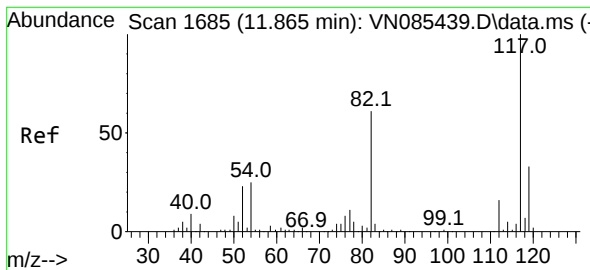
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
4-Bromofluorobenzene
Concen: 46.611 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

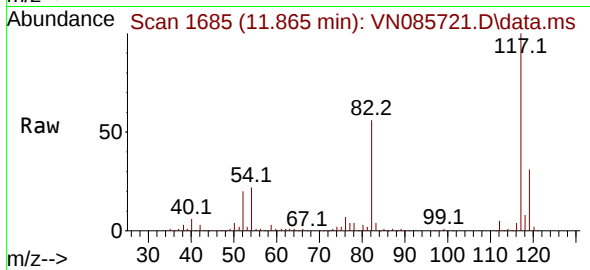
Tgt Ion: 95 Resp: 213760
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.0
176 71.5 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

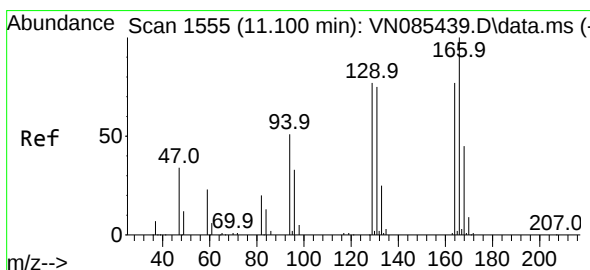
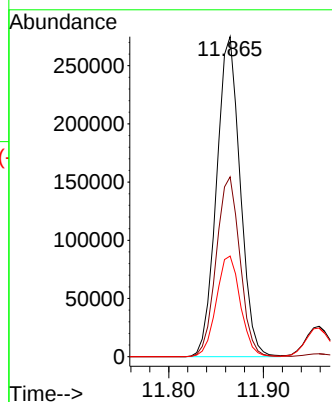
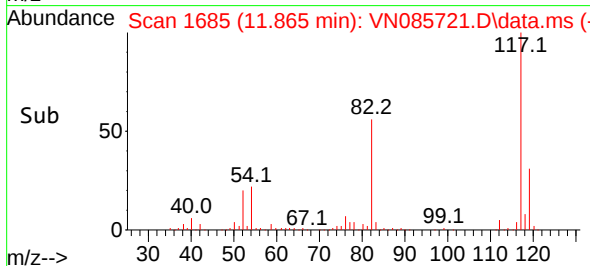
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion:117 Resp: 477598
Ion Ratio Lower Upper
117 100
82 56.2 48.6 72.8
119 31.5 26.6 39.8

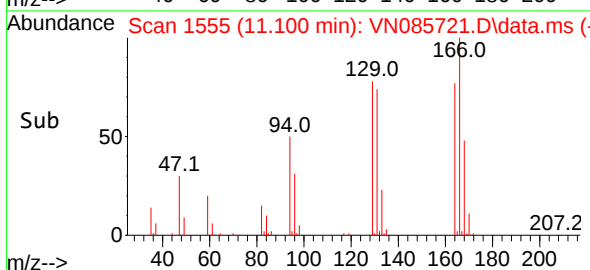
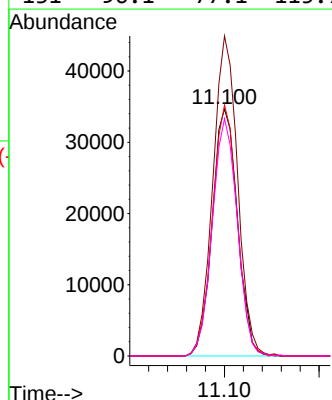
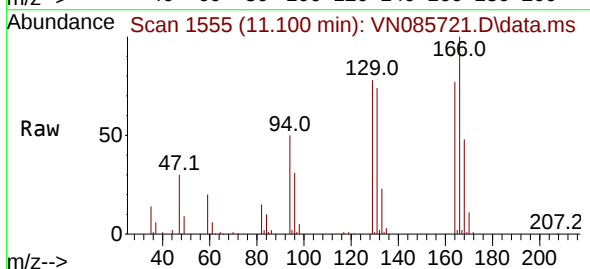
Manual Integrations
APPROVED

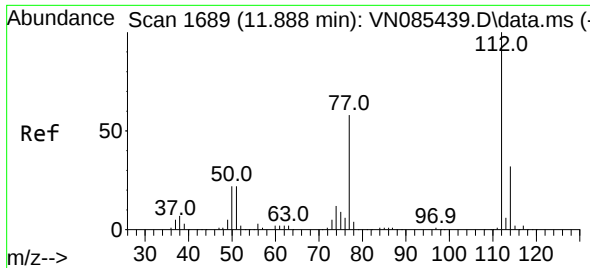
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 19.657 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

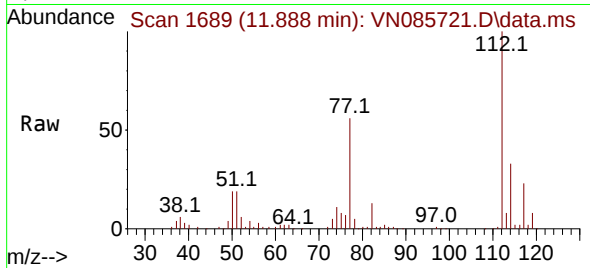
Tgt Ion:164 Resp: 64003
Ion Ratio Lower Upper
164 100
166 129.6 103.4 155.2
129 101.7 79.2 118.8
131 96.1 77.1 115.7





#65
Chlorobenzene
Concen: 18.625 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

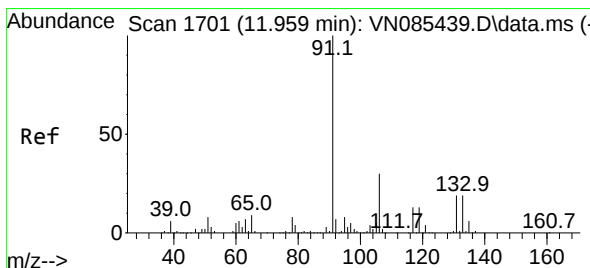
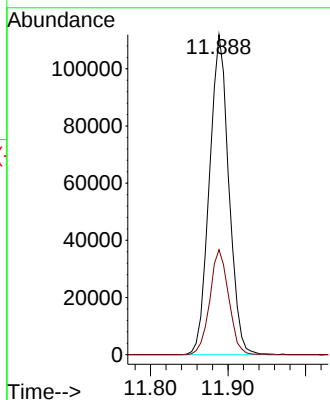
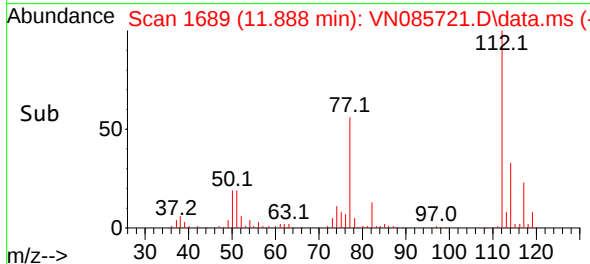
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion:112 Resp: 194870
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9

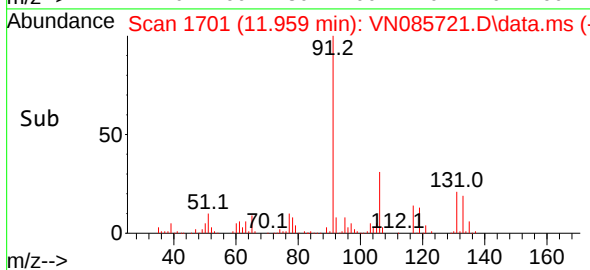
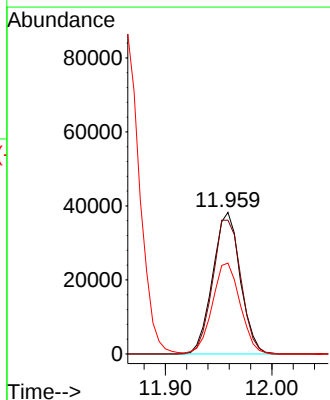
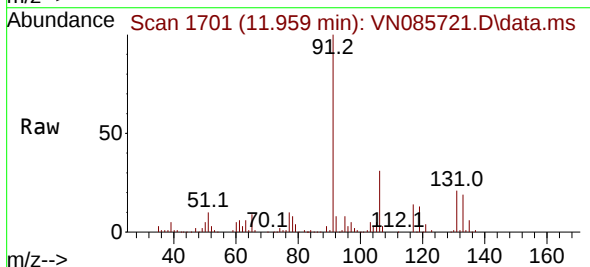
Manual Integrations
APPROVED

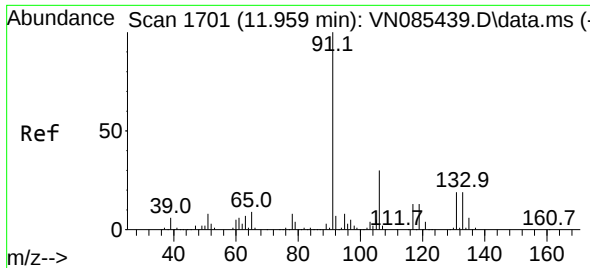
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.932 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

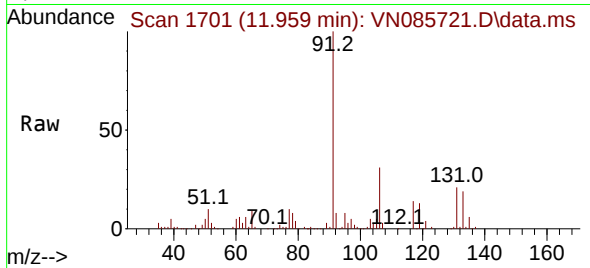
Tgt Ion:131 Resp: 68857
Ion Ratio Lower Upper
131 100
133 97.1 47.4 142.3
119 64.9 33.1 99.5





#67
Ethyl Benzene
Concen: 18.721 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

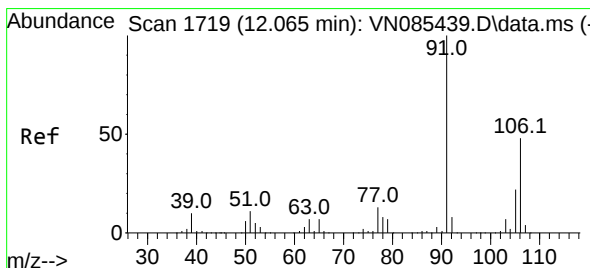
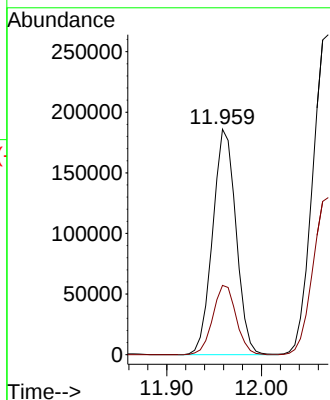
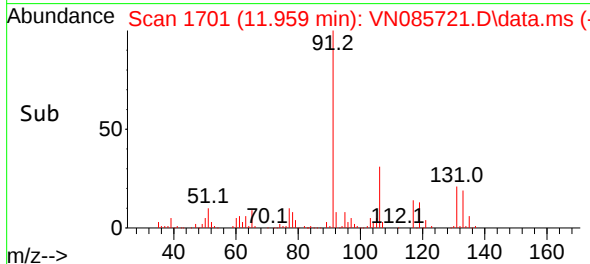
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



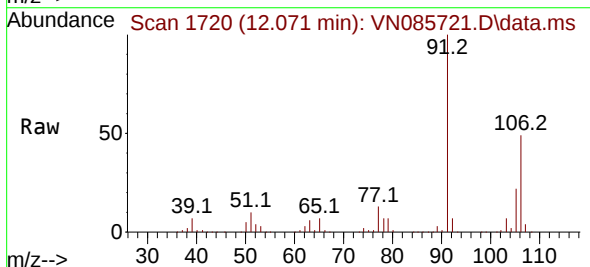
Tgt Ion: 91 Resp: 319020
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8

Manual Integrations
APPROVED

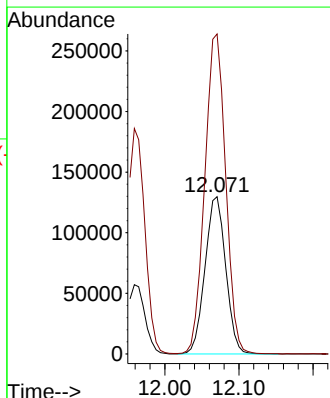
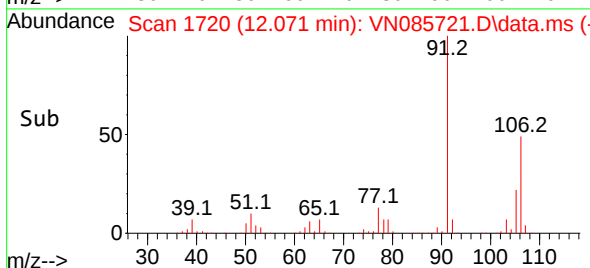
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

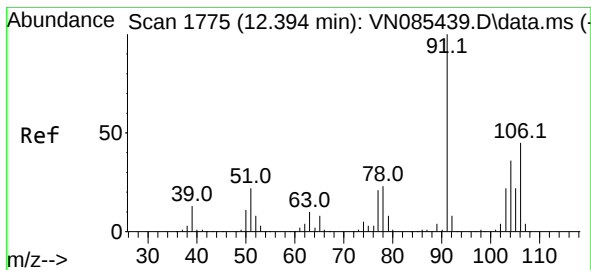


#68
m/p-Xylenes
Concen: 39.987 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion:106 Resp: 251837
Ion Ratio Lower Upper
106 100
91 205.0 167.7 251.5





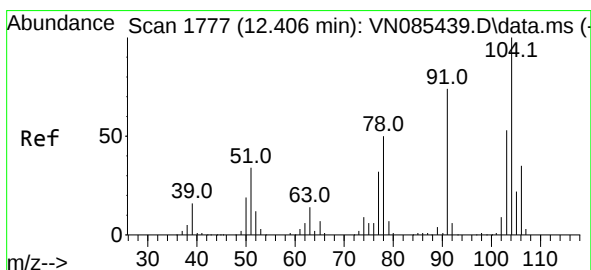
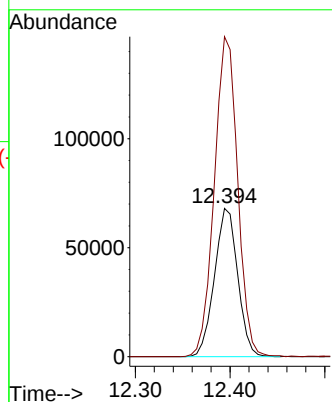
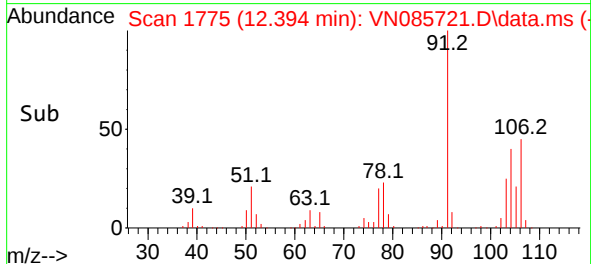
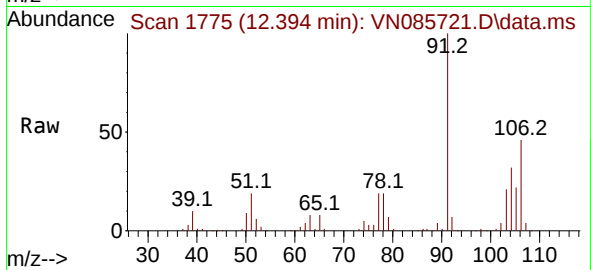
#69
o-Xylene
Concen: 19.262 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion:106 Resp: 11593
Ion Ratio Lower Upper
106 100
91 216.9 110.4 331.2

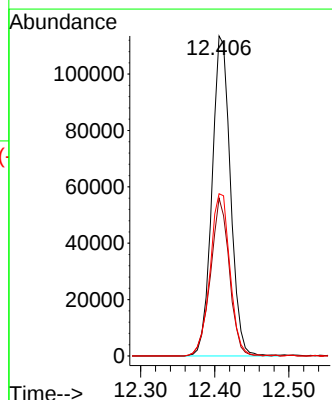
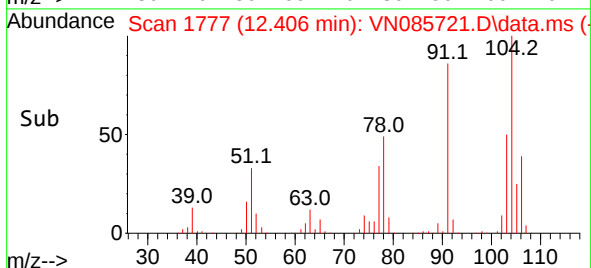
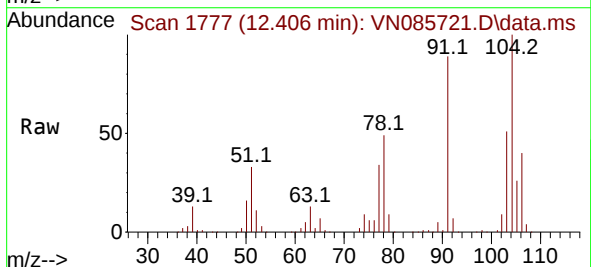
Manual Integrations
APPROVED

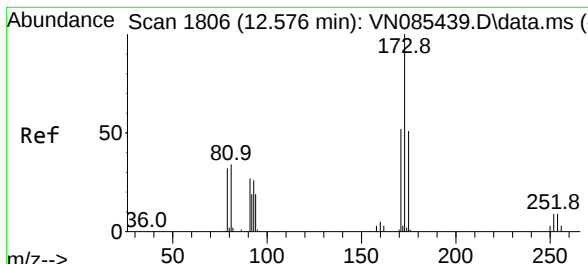
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 19.683 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion:104 Resp: 196059
Ion Ratio Lower Upper
104 100
78 50.3 42.5 63.7
103 54.7 43.8 65.8





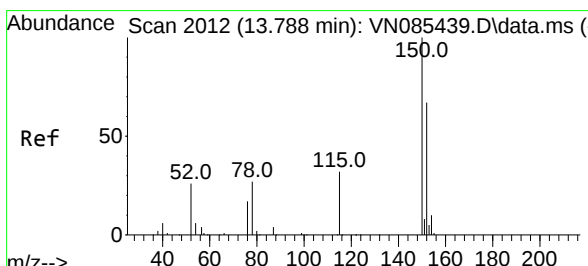
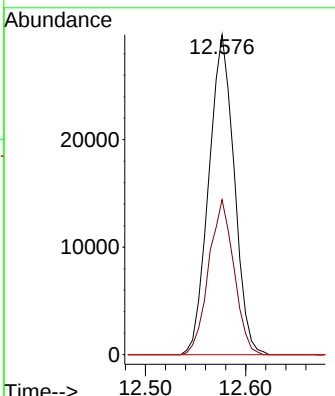
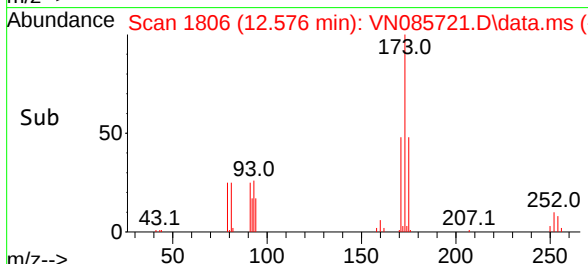
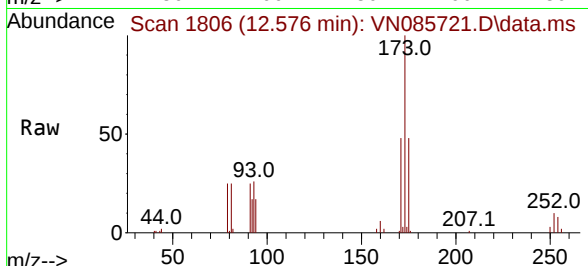
#71
 Bromoform
 Concen: 19.065 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12

Instrument : MSVOA_N
 ClientSampleId : VN0210WBS01

Tgt Ion:	173	Resp:	5238
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.4	73.2
254	0.0	0.0	0.0

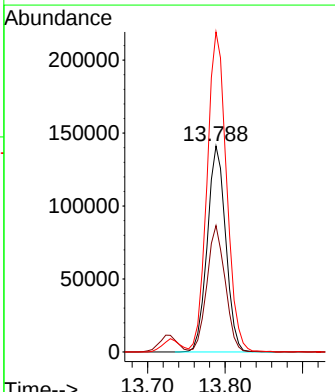
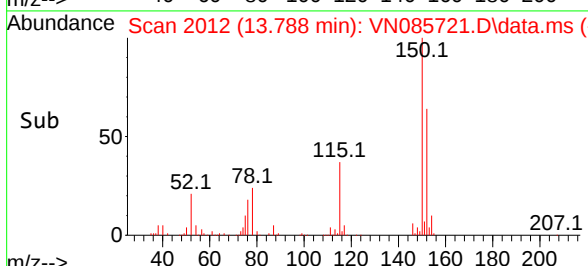
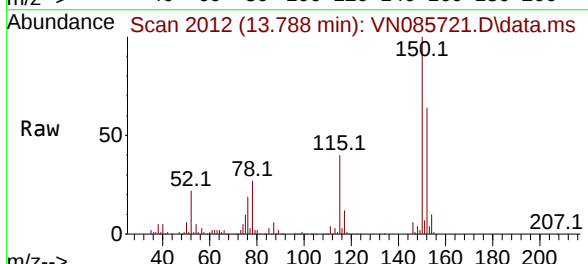
Manual Integrations
 APPROVED

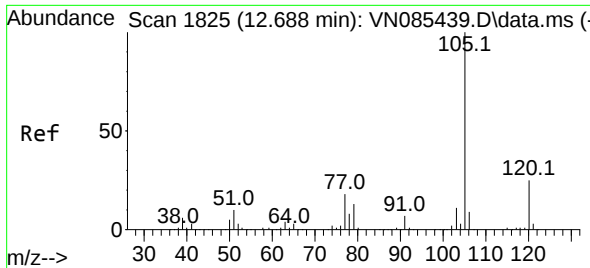
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12

Tgt Ion:	152	Resp:	232853
Ion Ratio	Lower	Upper	
152	100		
115	61.0	31.1	93.3
150	164.3	0.0	343.6





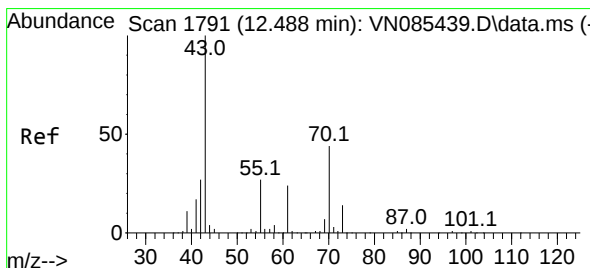
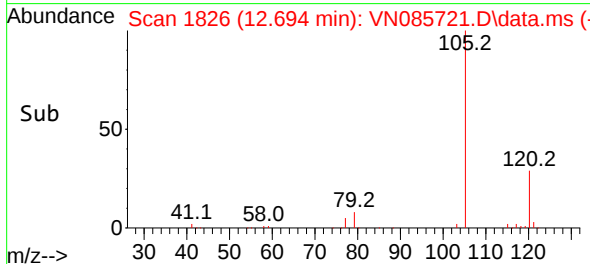
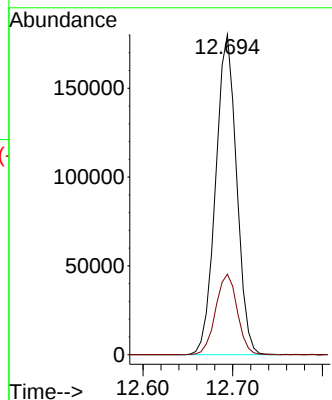
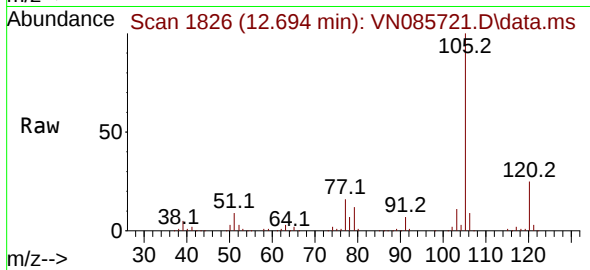
#73
Isopropylbenzene
Concen: 18.593 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion:105 Resp: 29220
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3

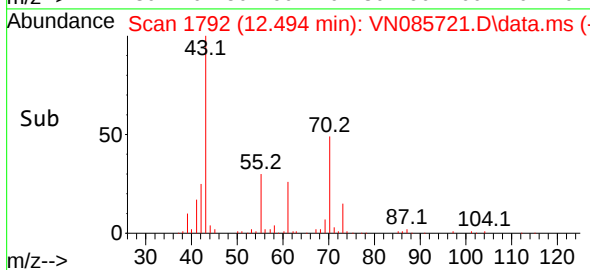
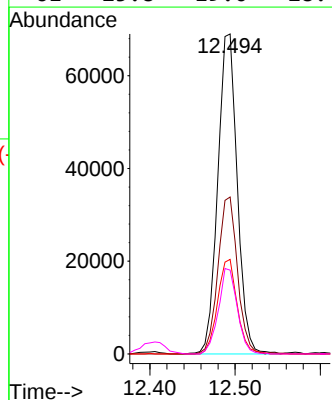
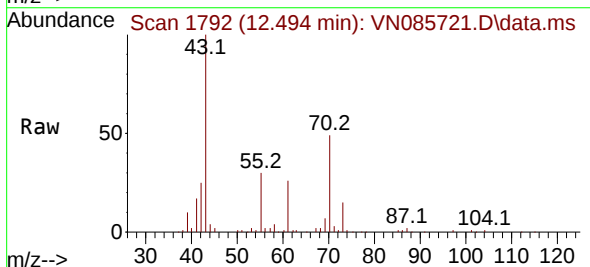
Manual Integrations
APPROVED

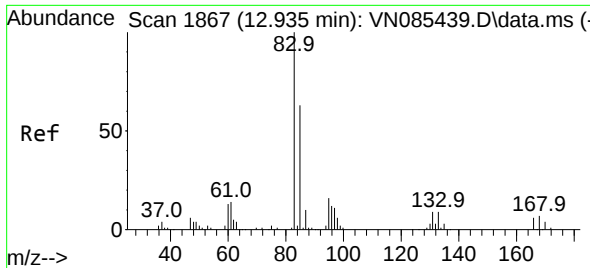
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#74
N-ethyl acetate
Concen: 15.510 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

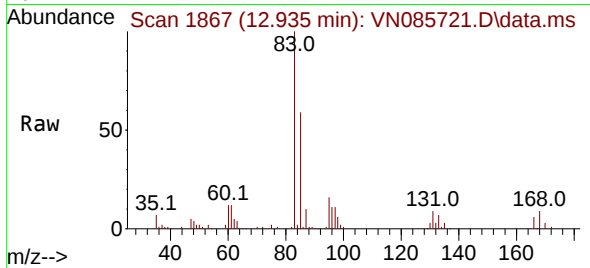
Tgt Ion: 43 Resp: 109562
Ion Ratio Lower Upper
43 100
70 49.2 34.0 51.0
55 29.6 21.4 32.2
61 25.8 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 16.881 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

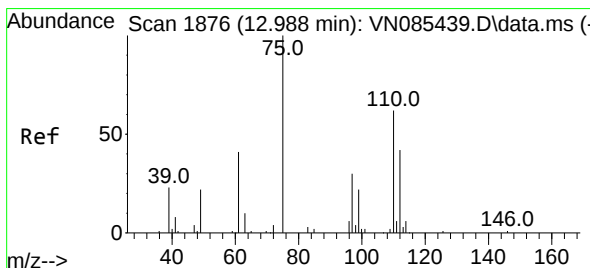
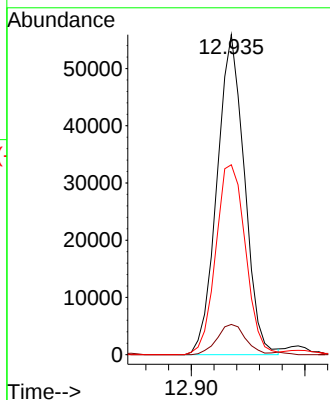
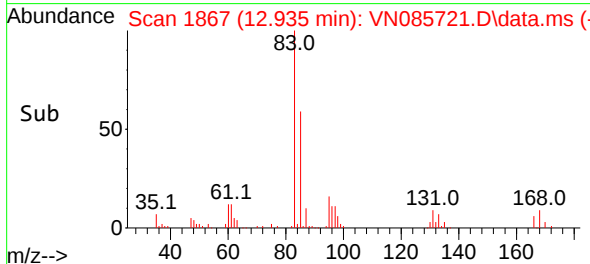
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion: 83 Resp: 93715
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.3 32.2 96.6

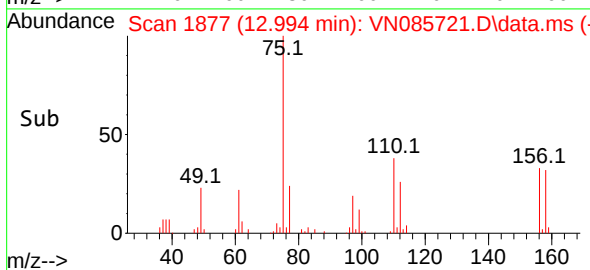
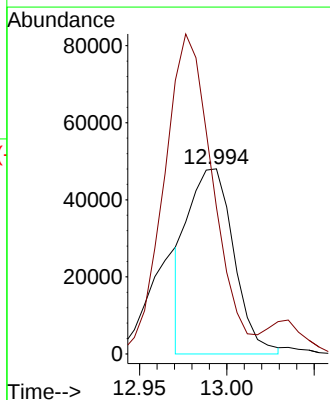
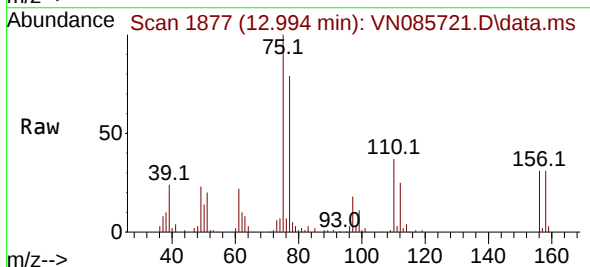
Manual Integrations
APPROVED

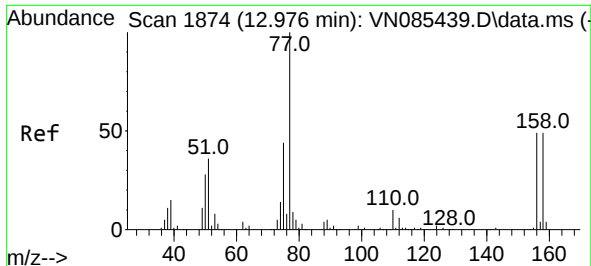
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#76
1,2,3-Trichloropropane
Concen: 18.544 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

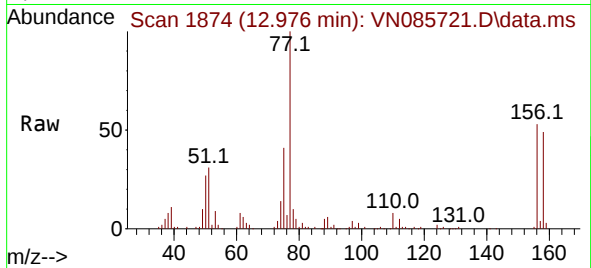
Tgt Ion: 75 Resp: 87763
Ion Ratio Lower Upper
75 100
77 185.1 109.7 329.2





#77
Bromobenzene
Concen: 18.062 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

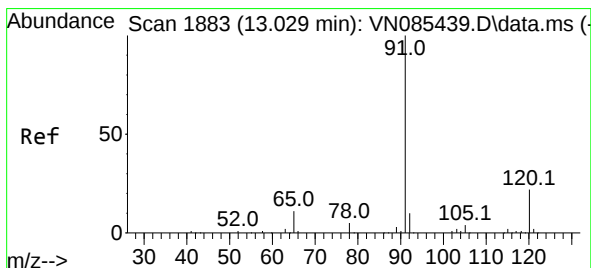
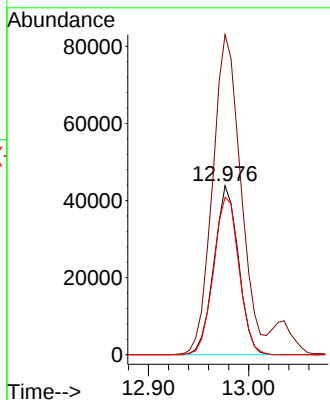
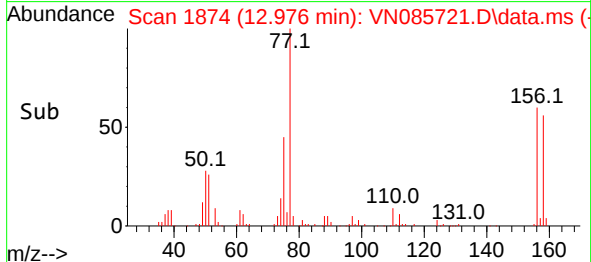
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



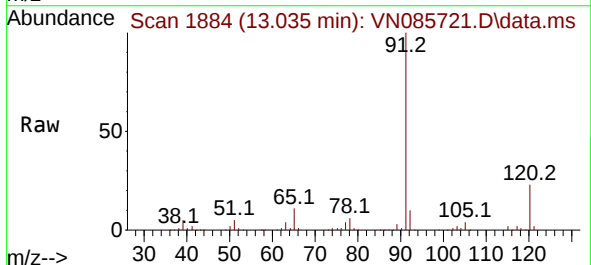
Tgt Ion:156 Resp: 74162
Ion Ratio Lower Upper
156 100
77 219.1 114.1 342.4
158 96.9 48.9 146.8

Manual Integrations
APPROVED

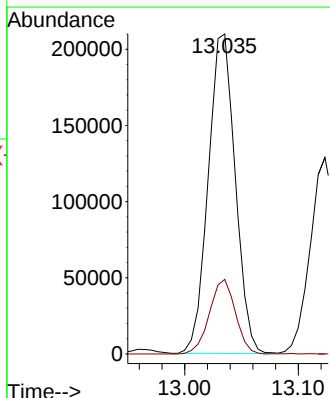
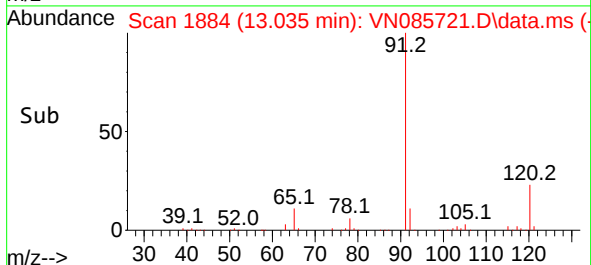
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

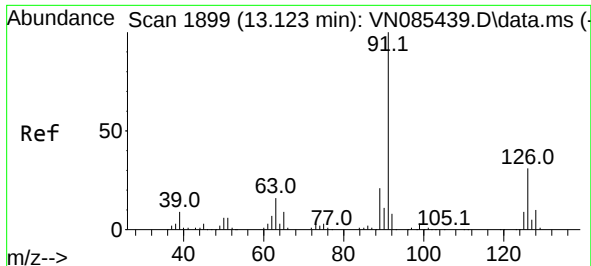


#78
n-propylbenzene
Concen: 18.645 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion: 91 Resp: 346882
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.6





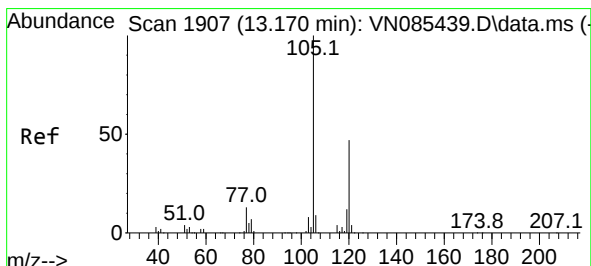
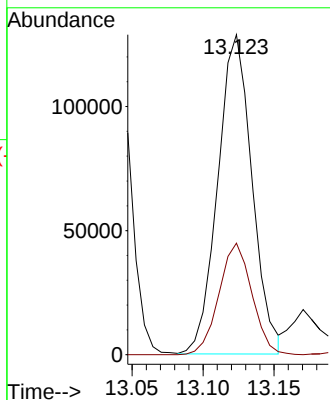
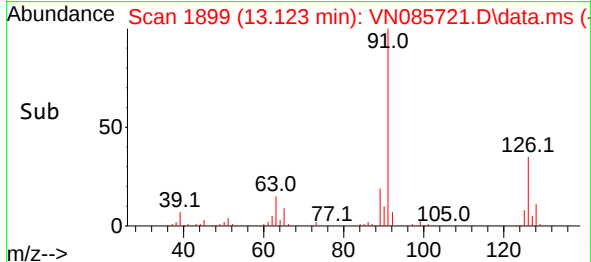
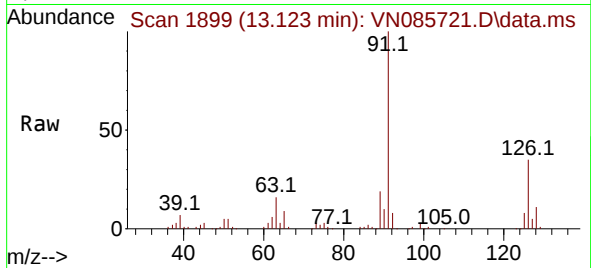
#79
2-Chlorotoluene
Concen: 17.936 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion: 91 Resp: 215960
Ion Ratio Lower Upper
91 100
126 33.6 15.7 47.1

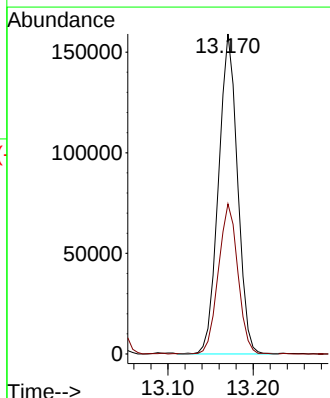
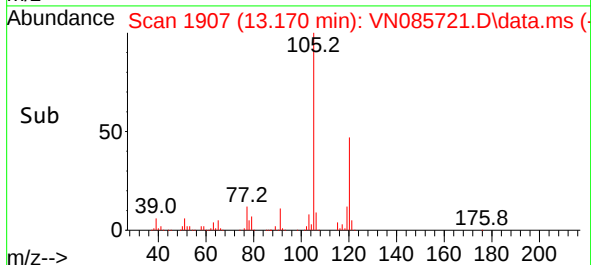
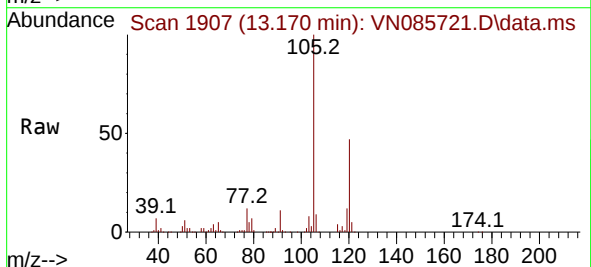
Manual Integrations
APPROVED

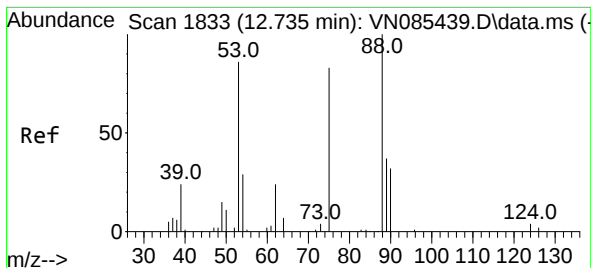
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.035 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

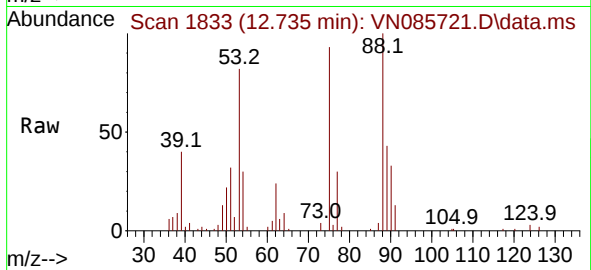
Tgt Ion:105 Resp: 247091
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.317 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

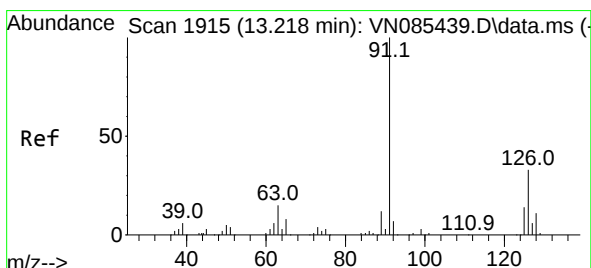
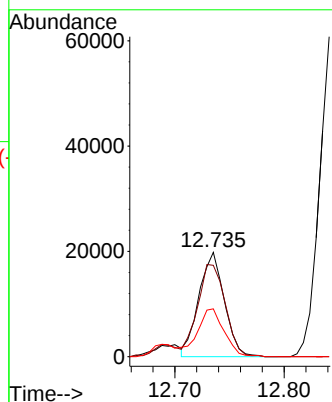
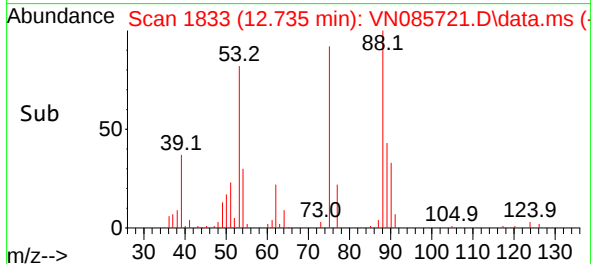
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



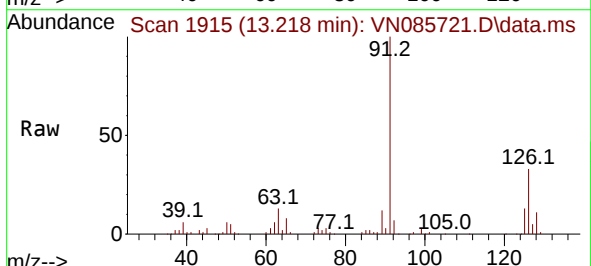
Tgt Ion: 75 Resp: 3204
Ion Ratio Lower Upper
75 100
53 96.2 95.6 143.4
89 49.4 37.0 55.6

Manual Integrations
APPROVED

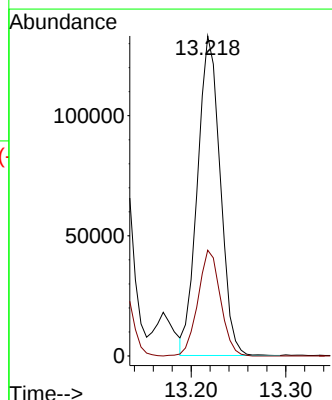
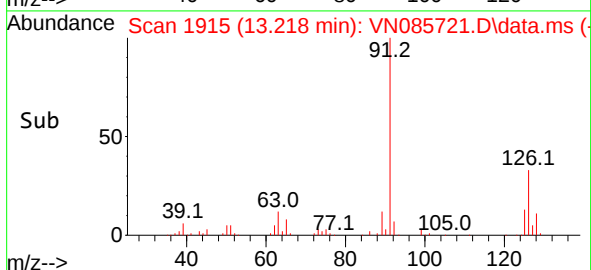
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

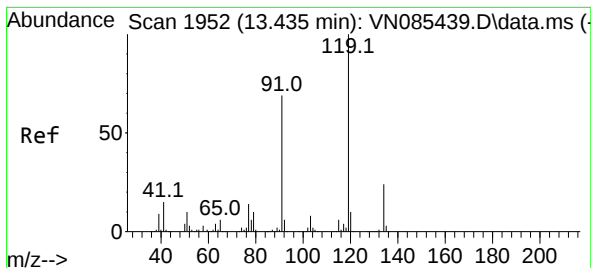


#82
4-Chlorotoluene
Concen: 18.527 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion: 91 Resp: 222118
Ion Ratio Lower Upper
91 100
126 32.8 15.9 47.7





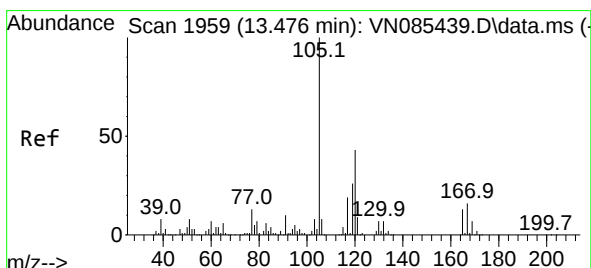
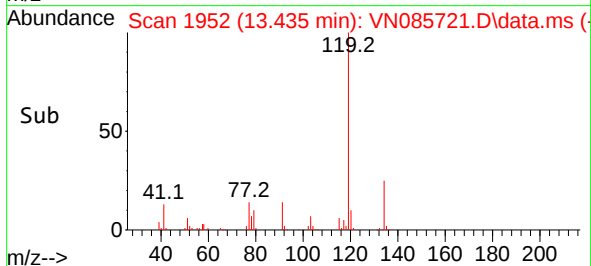
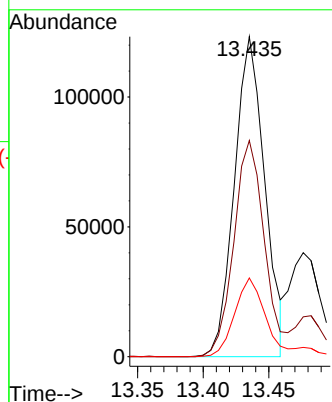
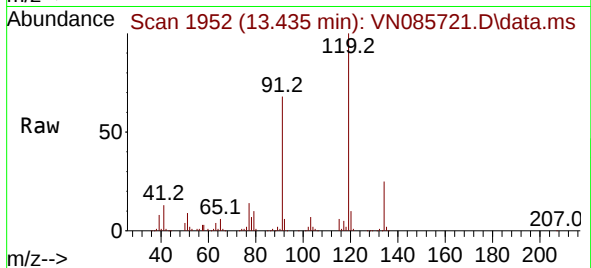
#83
tert-Butylbenzene
Concen: 18.165 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion:119 Resp: 198020
Ion Ratio Lower Upper
119 100
91 68.8 35.1 105.3
134 26.9 12.0 36.1

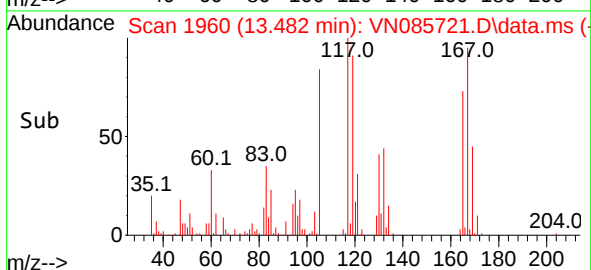
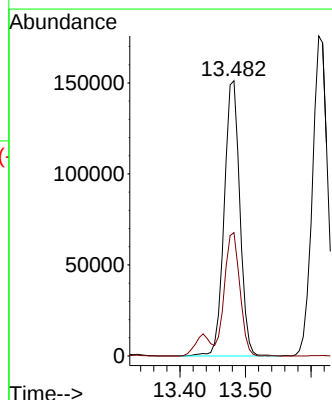
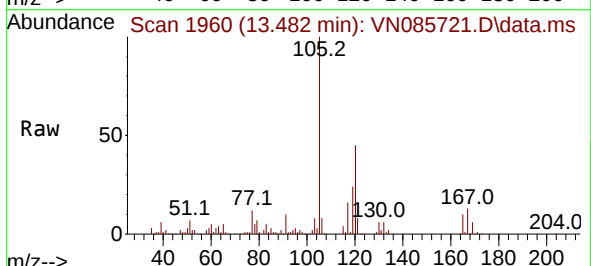
Manual Integrations
APPROVED

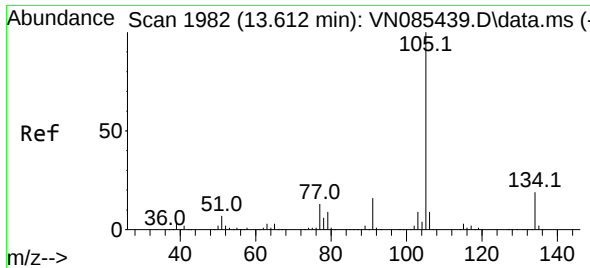
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.275 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

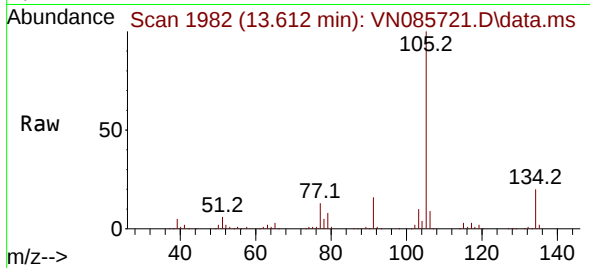
Tgt Ion:105 Resp: 249382
Ion Ratio Lower Upper
105 100
120 44.1 21.6 65.0





#85
 sec-Butylbenzene
 Concen: 18.854 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12

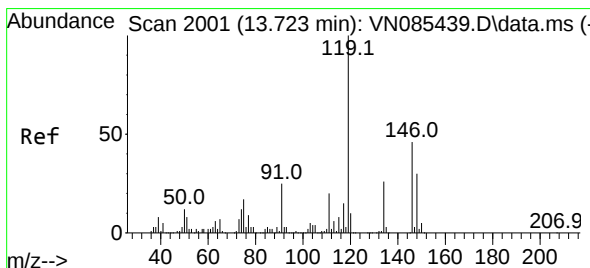
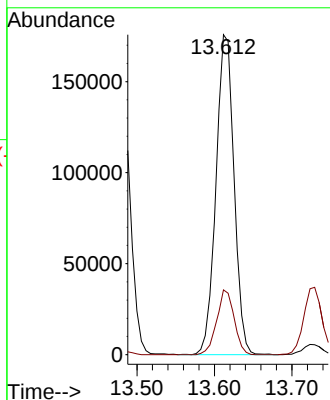
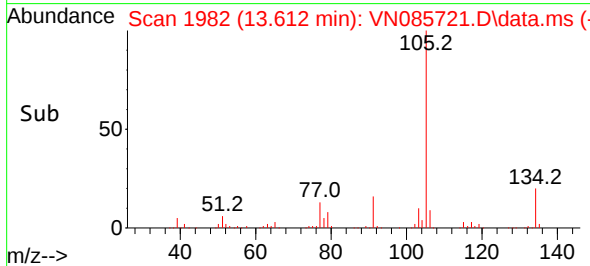
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01



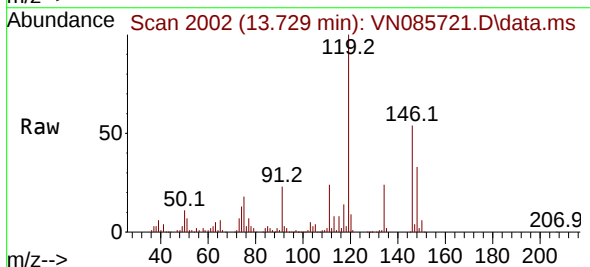
Tgt Ion:105 Resp: 28486
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

Manual Integrations
 APPROVED

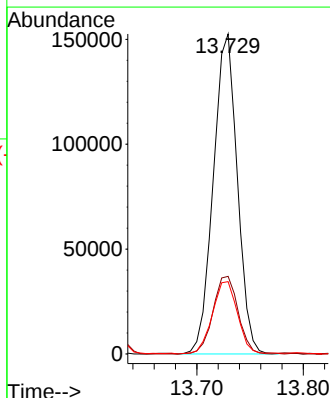
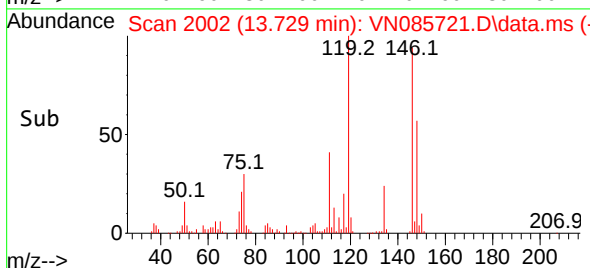
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

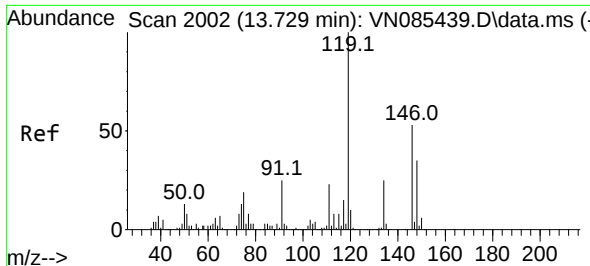


#86
 p-Isopropyltoluene
 Concen: 19.005 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085721.D
 Acq: 10 Feb 2025 14:12



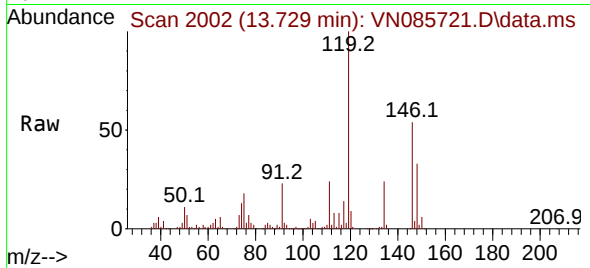
Tgt Ion:119 Resp: 238678
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 23.8 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 18.451 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

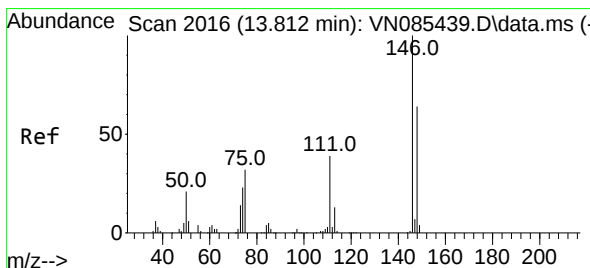
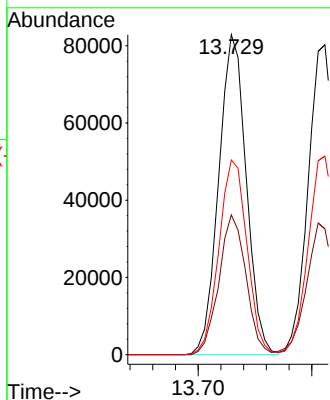
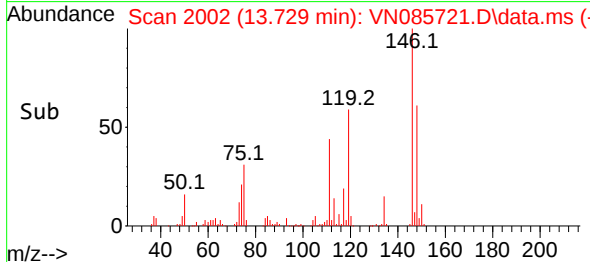
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



Tgt Ion:146 Resp: 139515
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 62.2 32.3 96.9

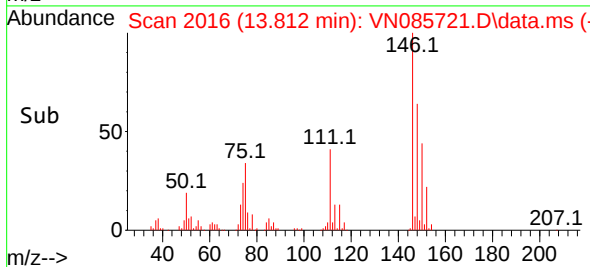
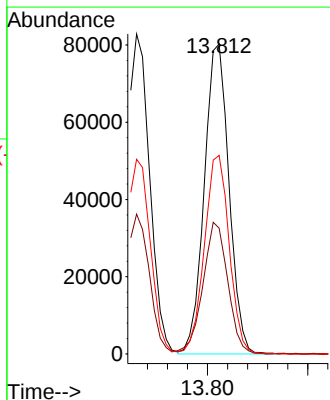
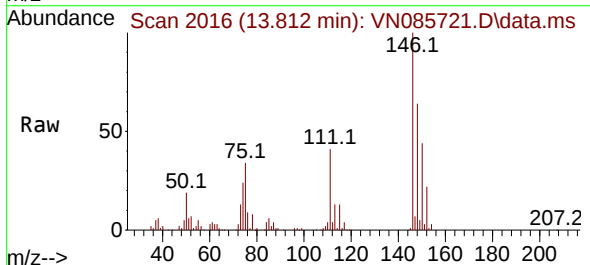
Manual Integrations
APPROVED

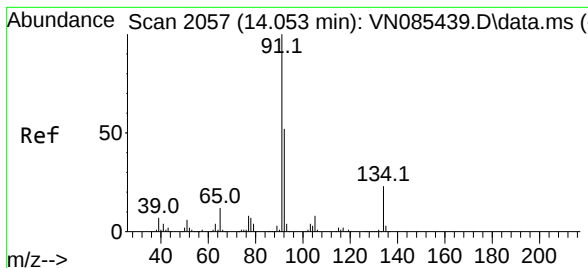
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#88
1,4-Dichlorobenzene
Concen: 17.560 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Tgt Ion:146 Resp: 137627
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.7
148 64.5 32.4 97.0





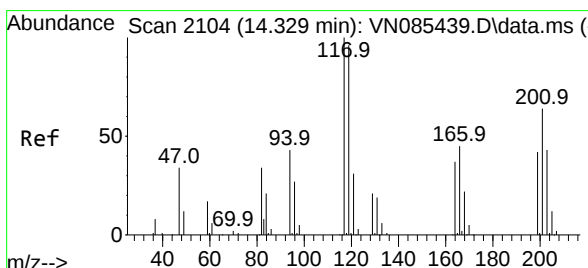
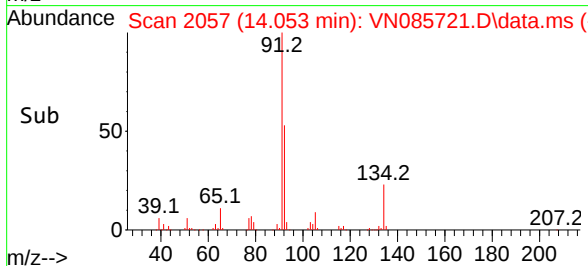
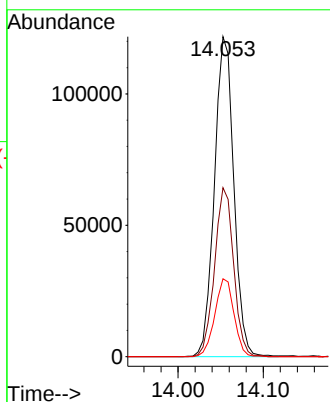
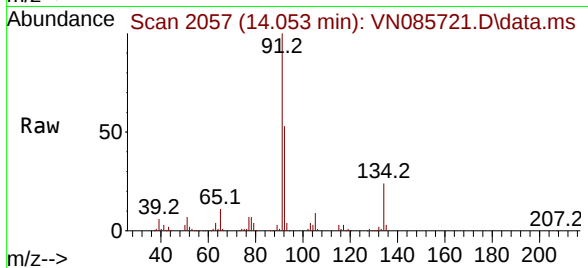
#89
n-Butylbenzene
Concen: 17.764 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Tgt Ion: 91 Resp: 192550
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 24.1 11.7 35.1

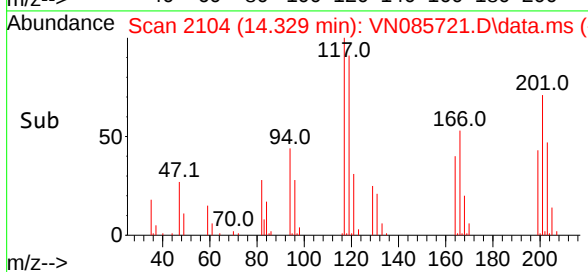
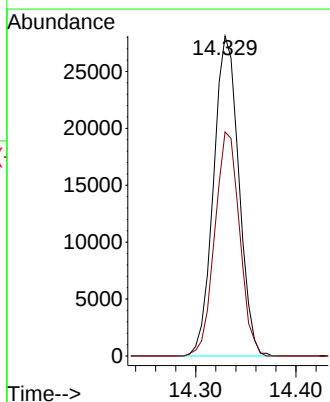
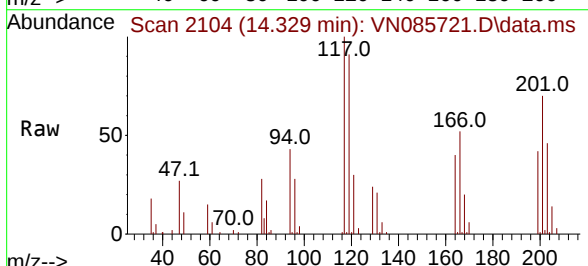
Manual Integrations
APPROVED

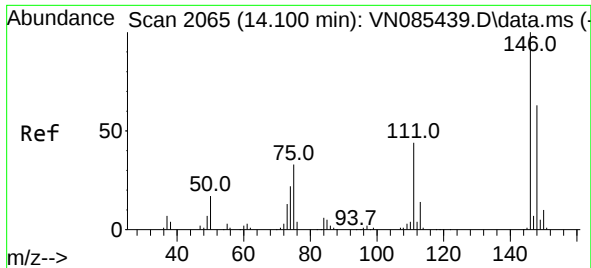
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#90
Hexachloroethane
Concen: 17.083 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

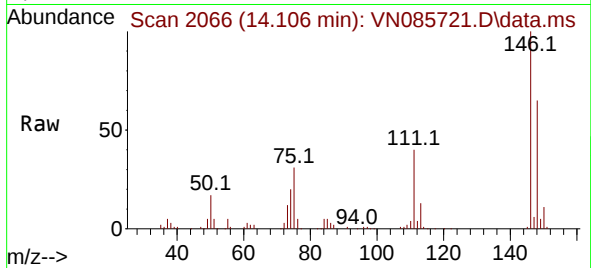
Tgt Ion:117 Resp: 49134
Ion Ratio Lower Upper
117 100
201 68.8 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 17.768 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

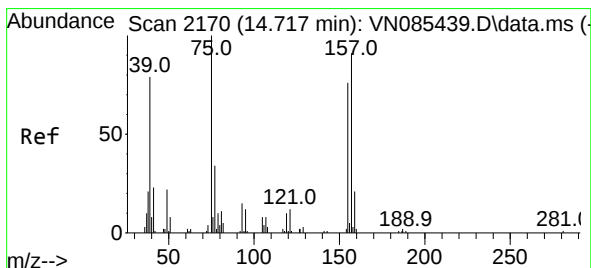
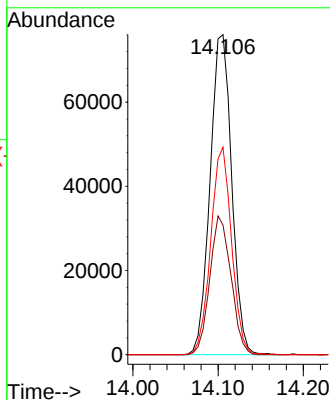
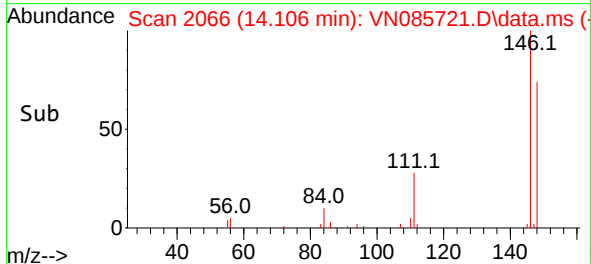
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



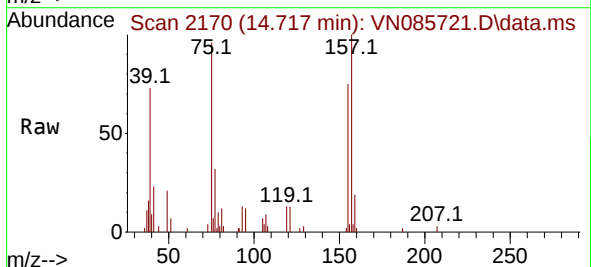
Tgt Ion:146 Resp: 134010
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 62.6 31.4 94.2

Manual Integrations
APPROVED

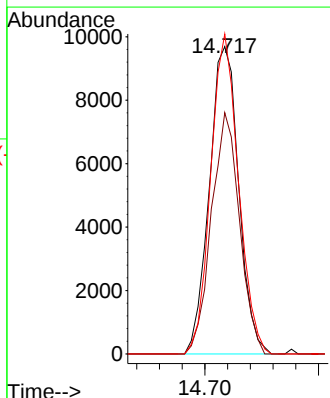
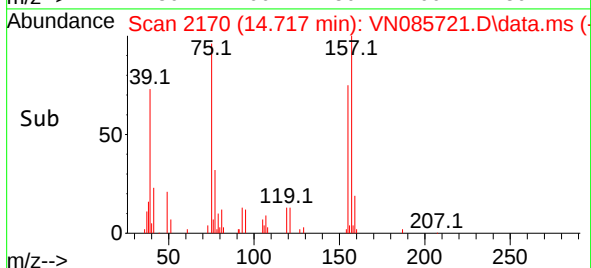
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

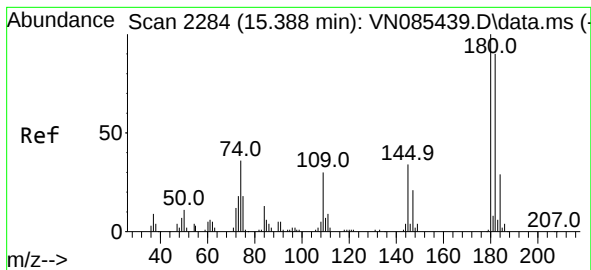


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.157 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion: 75 Resp: 17393
Ion Ratio Lower Upper
75 100
155 75.2 36.4 109.2
157 98.4 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 17.385 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBS01

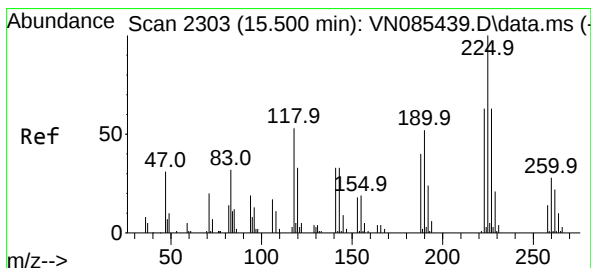
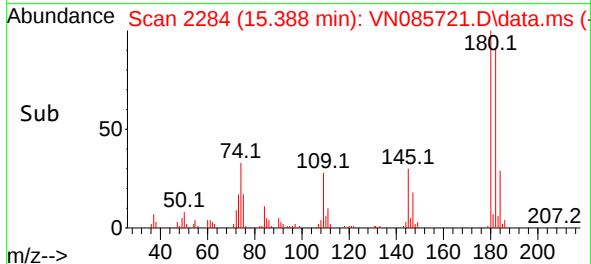
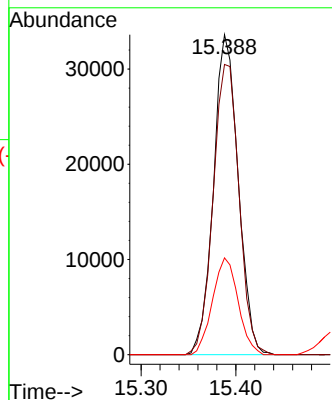
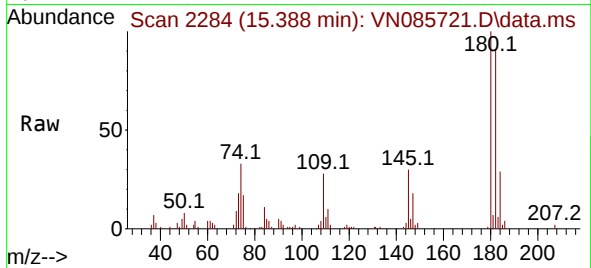
Tgt Ion:	180	Resp:	6094
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.8	140.3
145	31.4	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#94

Hexachlorobutadiene

Concen: 17.713 ug/l

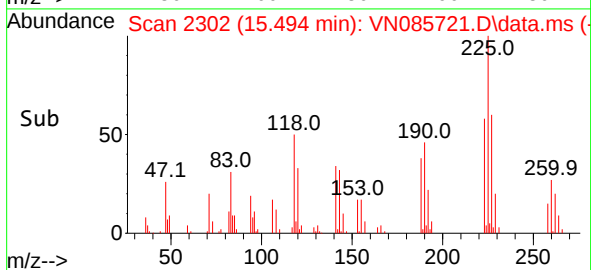
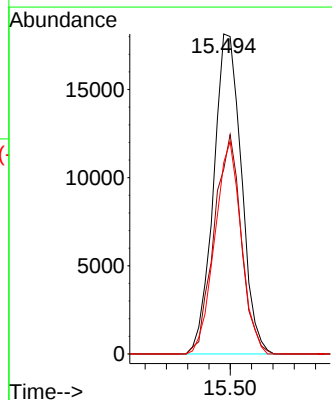
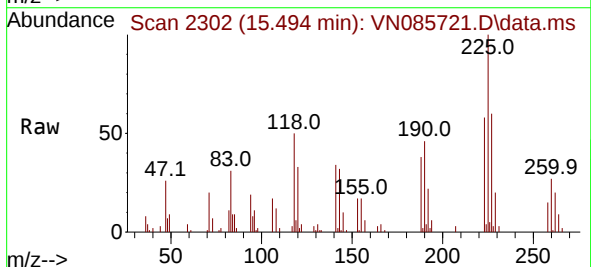
RT: 15.494 min Scan# 2302

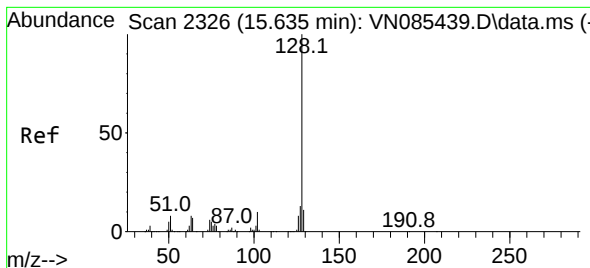
Delta R.T. -0.006 min

Lab File: VN085721.D

Acq: 10 Feb 2025 14:12

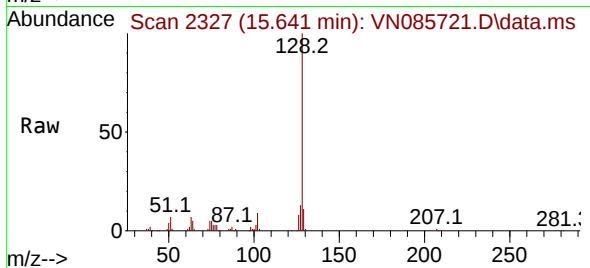
Tgt Ion:	225	Resp:	32965
Ion Ratio	Lower	Upper	
225	100		
223	66.4	30.7	92.1
227	63.1	30.9	92.5





#95
Naphthalene
Concen: 16.224 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12

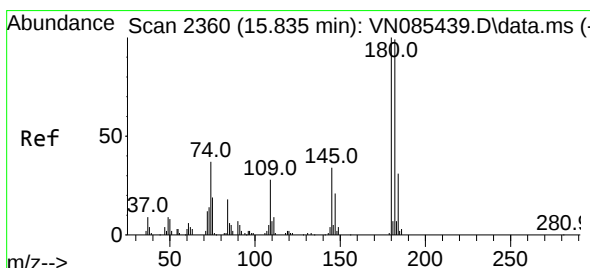
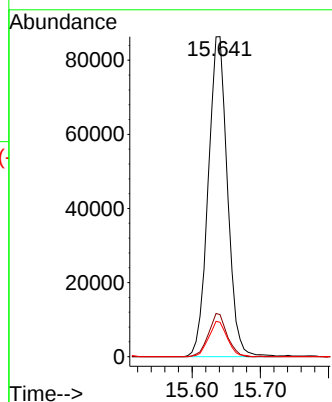
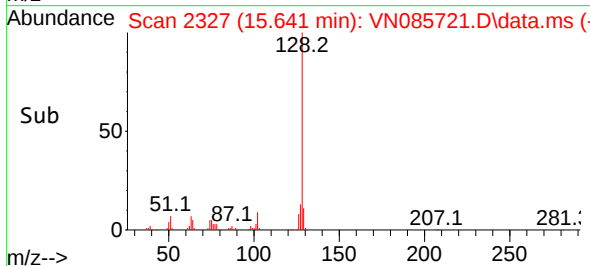
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01



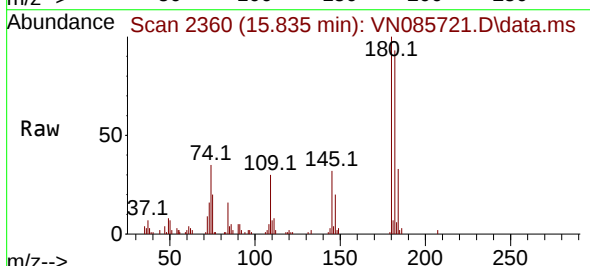
Tgt Ion:128 Resp: 169714
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.152 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085721.D
Acq: 10 Feb 2025 14:12



Tgt Ion:180 Resp: 60838
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.2
145 33.4 16.9 50.7

