

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086029.D
 Acq On : 20 Mar 2025 17:09
 Operator : JC\MD
 Sample : VN0320WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2025
 Supervised By : Mahesh Dadoda 03/21/2025

Quant Time: Mar 21 01:22:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109416	49.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.000%		
35) Dibromofluoromethane	8.159	113	86210	47.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	10.565	98	321886	48.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.847	95	113025	48.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	41361	19.145	ug/l	96
3) Chloromethane	2.359	50	35832	18.919	ug/l	95
4) Vinyl Chloride	2.512	62	36301	18.746	ug/l	97
5) Bromomethane	2.965	94	24871	18.855	ug/l	100
6) Chloroethane	3.124	64	22392	18.329	ug/l #	85
7) Trichlorofluoromethane	3.500	101	65523	18.822	ug/l	100
8) Diethyl Ether	3.959	74	20901	19.613	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	34420	18.604	ug/l	99
10) Methyl Iodide	4.595	142	47830	19.840	ug/l	94
11) Tert butyl alcohol	5.518	59	26530	83.917	ug/l	99
12) 1,1-Dichloroethene	4.342	96	32945	19.720	ug/l	96
13) Acrolein	4.177	56	30231	89.654	ug/l	94
14) Allyl chloride	5.018	41	37083	17.792	ug/l	97
15) Acrylonitrile	5.718	53	82486	98.793	ug/l	98
16) Acetone	4.424	43	60652	88.908	ug/l	100
17) Carbon Disulfide	4.712	76	99067	18.031	ug/l	99
18) Methyl Acetate	5.018	43	31781	18.829	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	107258	19.593	ug/l	99
20) Methylene Chloride	5.271	84	40227	20.157	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	36120	19.784	ug/l	96
22) Diisopropyl ether	6.671	45	95798	21.569	ug/l	96
23) Vinyl Acetate	6.600	43	345170	102.520	ug/l	99
24) 1,1-Dichloroethane	6.565	63	66353	20.316	ug/l	97
25) 2-Butanone	7.483	43	91026	92.473	ug/l	99
26) 2,2-Dichloropropane	7.488	77	59718	18.992	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	41380	19.945	ug/l	98
28) Bromochloromethane	7.812	49	25403	18.358	ug/l	99
29) Tetrahydrofuran	7.835	42	60885	100.188	ug/l	97
30) Chloroform	7.959	83	72948	20.207	ug/l	97
31) Cyclohexane	8.253	56	50460	18.136	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68406	20.018	ug/l	98
36) 1,1-Dichloropropene	8.371	75	46915	19.650	ug/l	98
37) Ethyl Acetate	7.559	43	37394	18.565	ug/l	99
38) Carbon Tetrachloride	8.359	117	64454	20.532	ug/l	93
39) Methylcyclohexane	9.600	83	39452	16.655	ug/l	89
40) Benzene	8.606	78	155377	20.731	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	18812	19.559	ug/l	98
42) 1,2-Dichloroethane	8.665	62	54126	20.725	ug/l	100
43) Isopropyl Acetate	8.688	43	67395	15.441	ug/l	97
44) Trichloroethene	9.353	130	37139	19.119	ug/l	100
45) 1,2-Dichloropropane	9.618	63	35089	20.583	ug/l	95
46) Dibromomethane	9.706	93	28404	21.187	ug/l	97
47) Bromodichloromethane	9.882	83	59015	21.063	ug/l	97
48) Methyl methacrylate	9.677	41	28329	19.669	ug/l	99
49) 1,4-Dioxane	9.688	88	13886	407.830	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	193215	100.374	ug/l	99
52) Toluene	10.629	92	97507	21.197	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	55197	20.285	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	57578	20.055	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	38311	21.820	ug/l	95
56) Ethyl methacrylate	10.871	69	49757	20.666	ug/l	98
57) 1,3-Dichloropropane	11.165	76	61949	20.774	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	90936	100.437	ug/l	100
59) 2-Hexanone	11.194	43	137925	98.355	ug/l	96
60) Dibromochloromethane	11.359	129	47613	21.016	ug/l	100
61) 1,2-Dibromoethane	11.465	107	37028	20.543	ug/l	96
64) Tetrachloroethene	11.100	164	36985	19.556	ug/l	97
65) Chlorobenzene	11.888	112	105860	19.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	40700	20.182	ug/l	98
67) Ethyl Benzene	11.959	91	169858	19.573	ug/l	100
68) m/p-Xylenes	12.071	106	139730	40.966	ug/l	99
69) o-Xylene	12.394	106	63026	20.133	ug/l	100
70) Styrene	12.412	104	110733	20.709	ug/l	99
71) Bromoform	12.576	173	33772	20.032	ug/l #	97
73) Isopropylbenzene	12.694	105	154381	18.464	ug/l	98
74) N-amyl acetate	12.494	43	53210	19.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	52821	18.673	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51264m	18.701	ug/l	
77) Bromobenzene	12.976	156	43200	18.529	ug/l	99
78) n-propylbenzene	13.035	91	187372	19.790	ug/l	98
79) 2-Chlorotoluene	13.123	91	124671	19.825	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	142319	20.160	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	17393	16.775	ug/l	89
82) 4-Chlorotoluene	13.217	91	128318	19.842	ug/l	99
83) tert-Butylbenzene	13.435	119	109645	18.161	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	142980	20.081	ug/l	99
85) sec-Butylbenzene	13.612	105	155292	19.717	ug/l	100
86) p-Isopropyltoluene	13.729	119	129493	19.422	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	81986	19.509	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	83732	18.964	ug/l	97
89) n-Butylbenzene	14.053	91	101792	18.748	ug/l	96
90) Hexachloroethane	14.329	117	27944	18.164	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	78822	18.868	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10040	17.781	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	35562	16.930	ug/l	99
94) Hexachlorobutadiene	15.500	225	20840	17.100	ug/l	100
95) Naphthalene	15.641	128	92296	15.174	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	35483	17.802	ug/l	98

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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

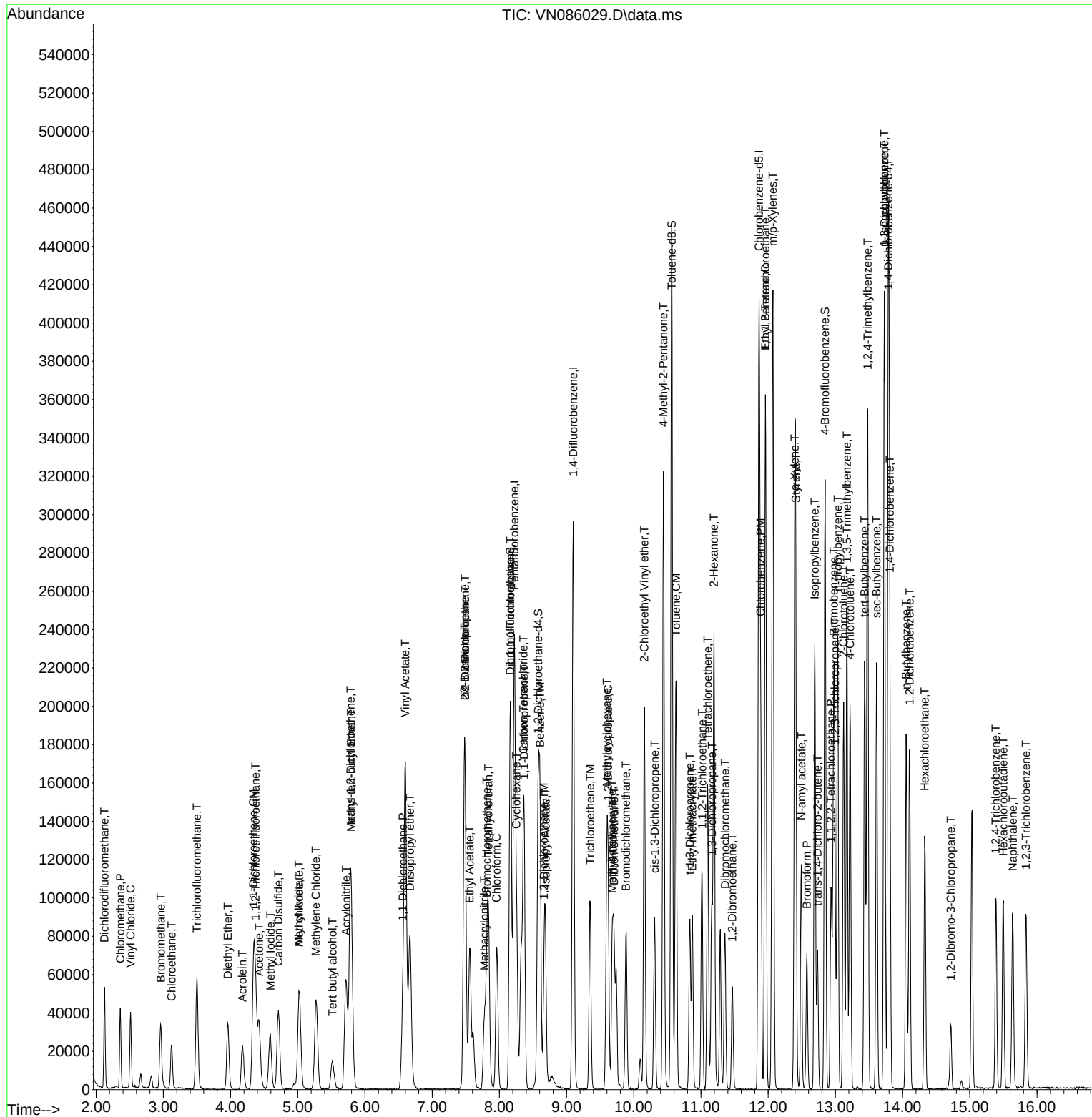
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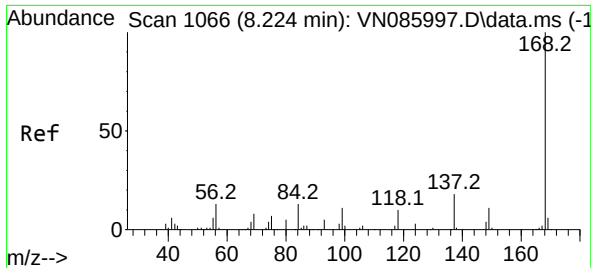
Instrument :
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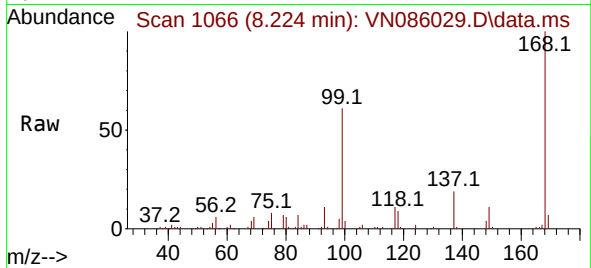
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086029.D
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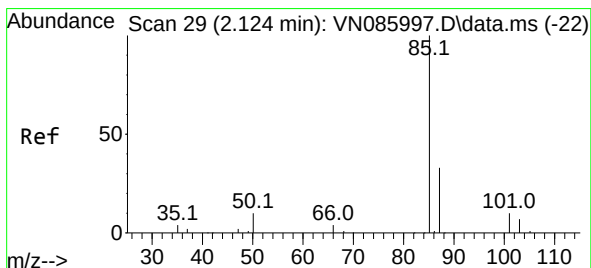
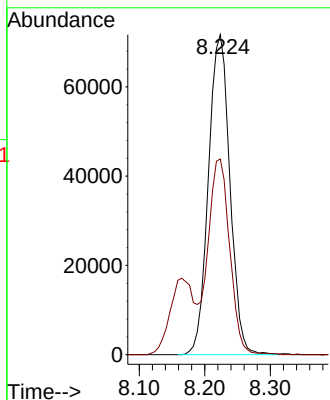
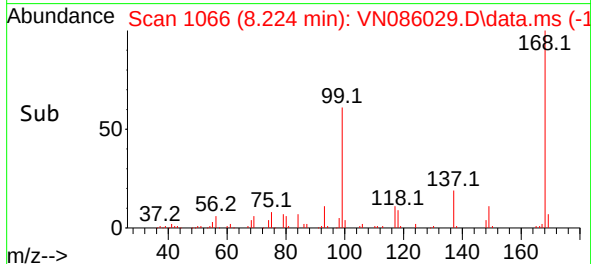
Instrument :
MSVOA_N
ClientSampleId :
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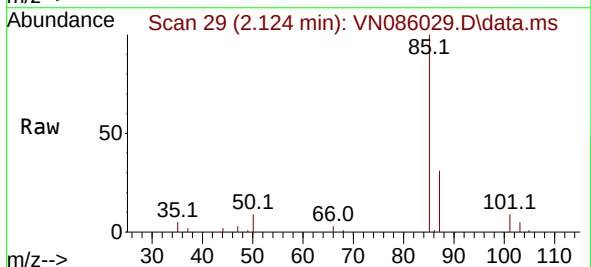
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Ion Ratio Lower Upper
168 100
99 60.9 49.4 74.2

Manual Integrations
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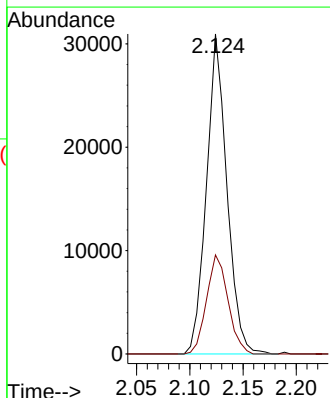
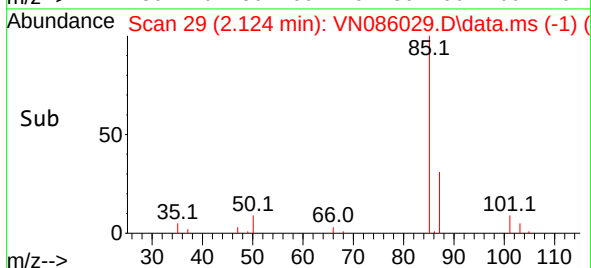
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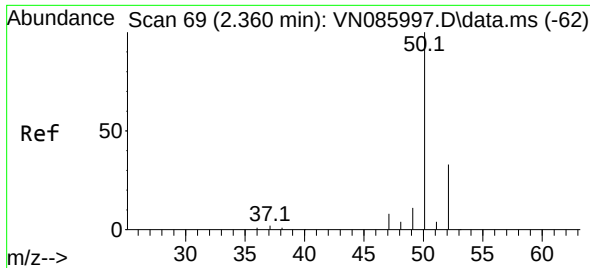


#2
Dichlorodifluoromethane
Concen: 19.145 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



Tgt Ion: 85 Resp: 41361
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5





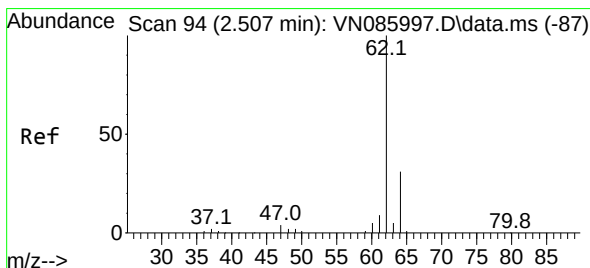
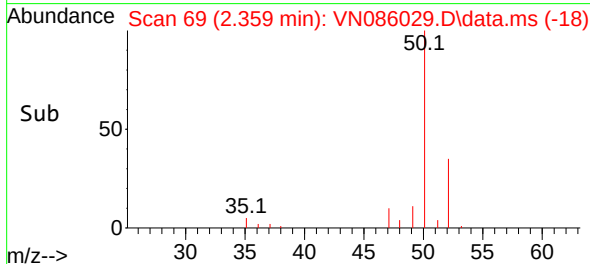
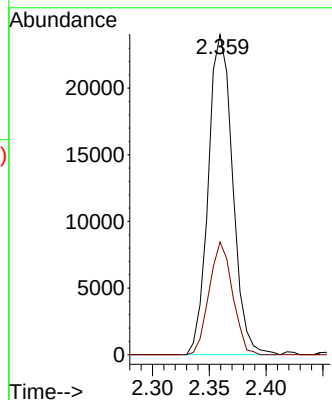
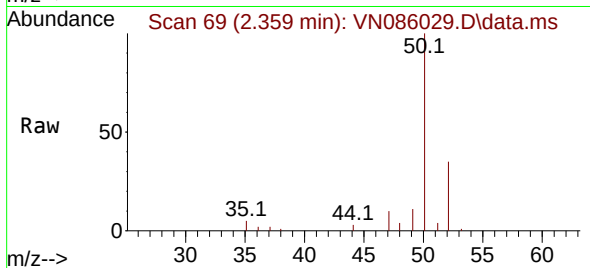
#3
Chloromethane
Concen: 18.919 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086029.D
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Instrument :
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Tgt Ion: 50 Resp: 3583
Ion Ratio Lower Upper
50 100
52 35.2 26.0 39.0

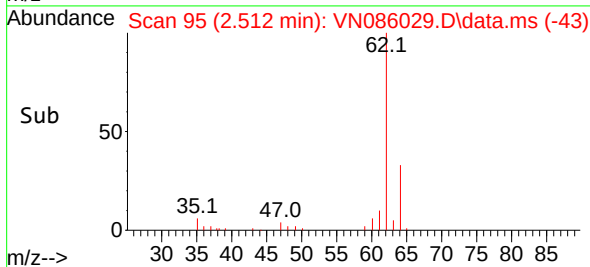
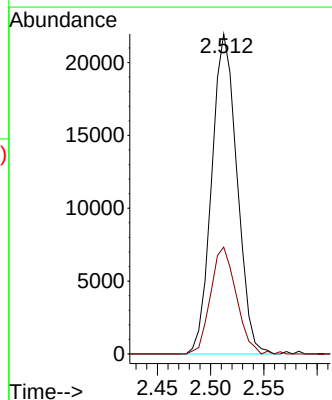
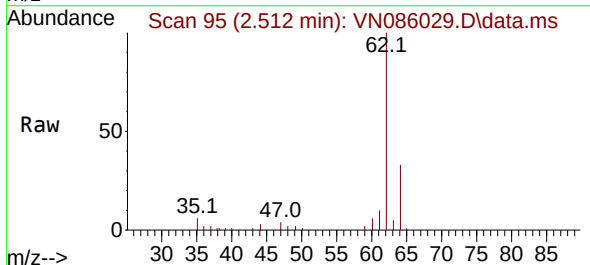
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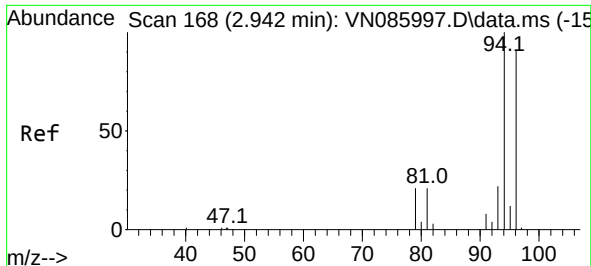
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#4
Vinyl Chloride
Concen: 18.746 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 62 Resp: 36301
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8





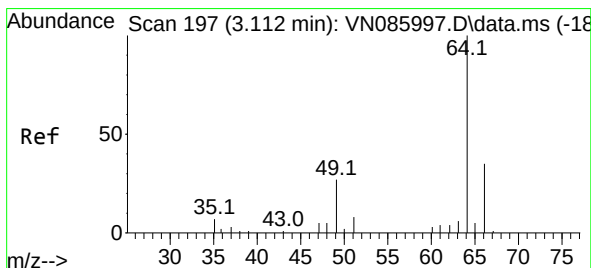
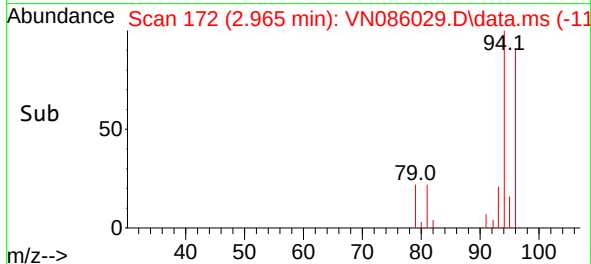
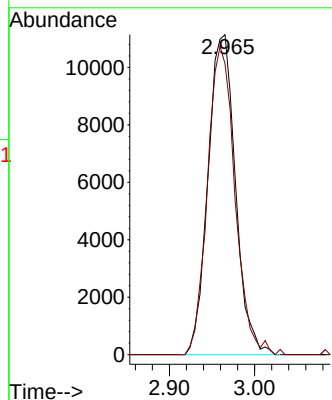
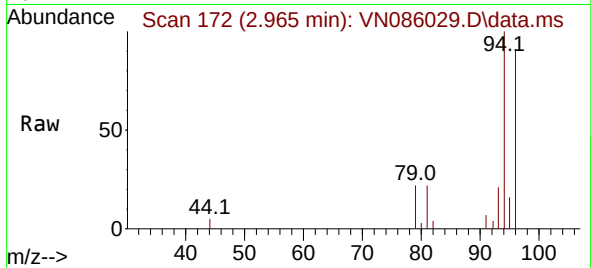
#5
Bromomethane
Concen: 18.855 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
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Tgt Ion: 94 Resp: 2487
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2

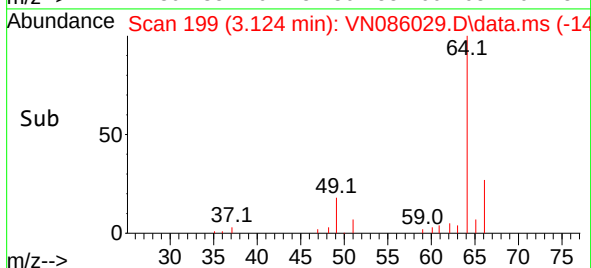
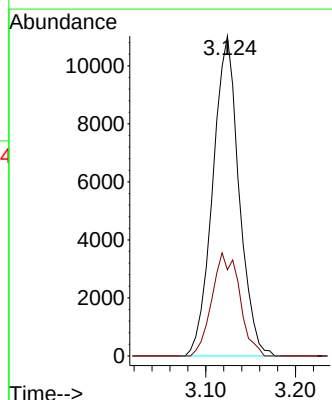
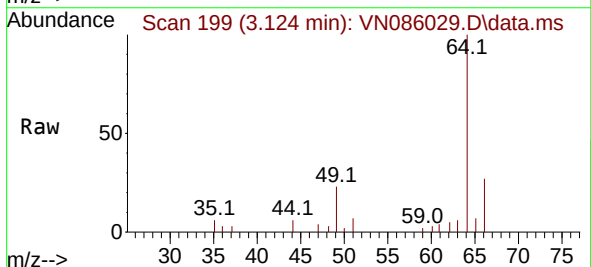
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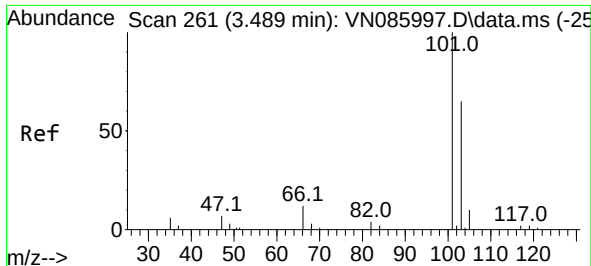
Reviewed By :John Carlone 03/21/2025
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#6
Chloroethane
Concen: 18.329 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 64 Resp: 22392
Ion Ratio Lower Upper
64 100
66 26.9 28.3 42.5#





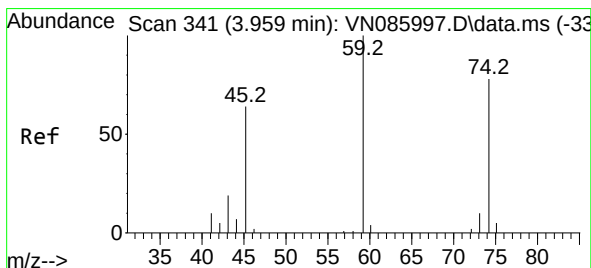
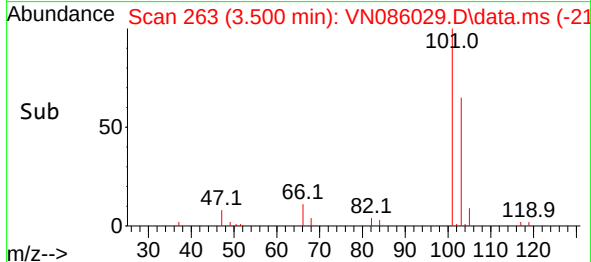
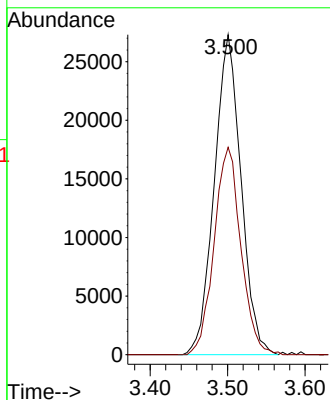
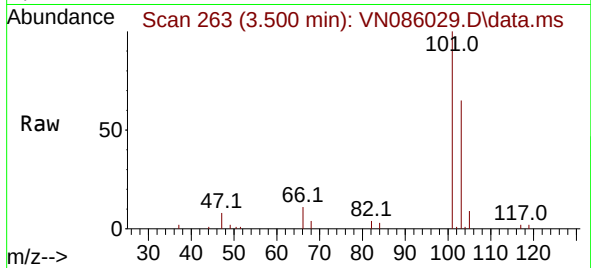
#7
Trichlorofluoromethane
Concen: 18.822 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
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ClientSampleId :
VN0320WBSD01

Tgt Ion:101 Resp: 6552
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

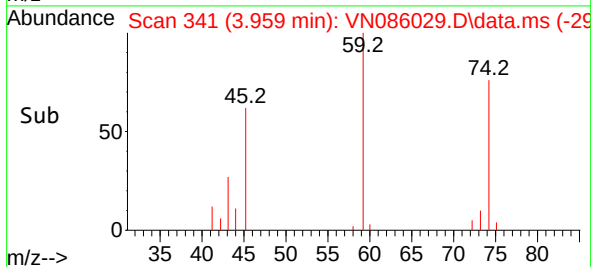
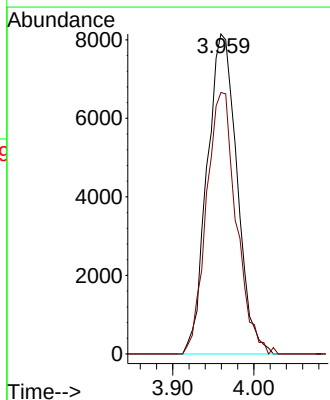
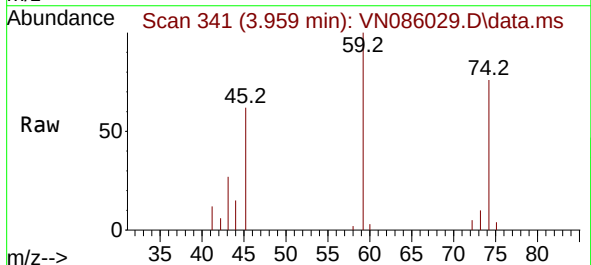
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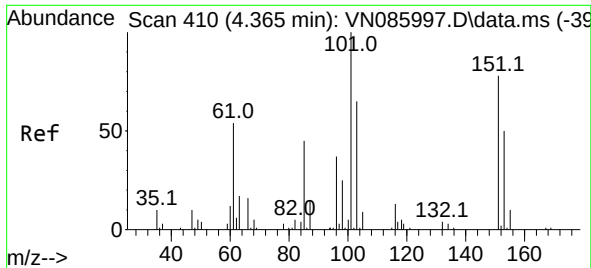
Reviewed By :John Carbone 03/21/2025
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#8
Diethyl Ether
Concen: 19.613 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 74 Resp: 20901
Ion Ratio Lower Upper
74 100
45 81.6 38.0 113.9





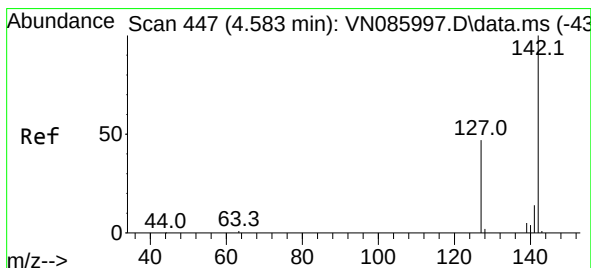
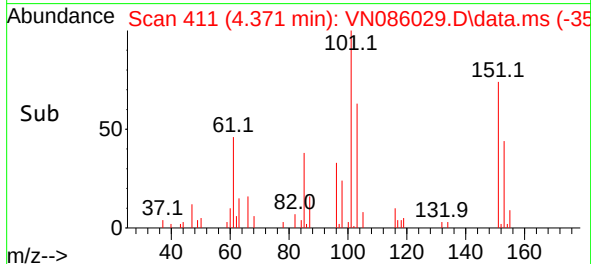
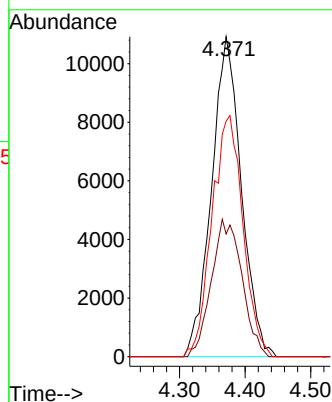
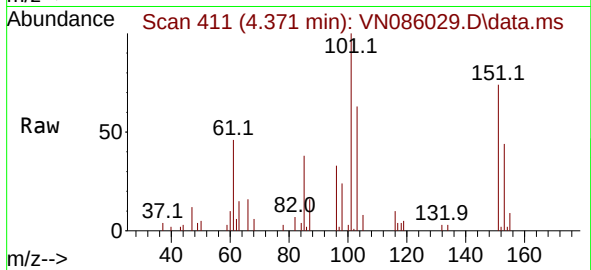
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.604 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion:101 Resp: 34420
Ion Ratio Lower Upper
101 100
85 44.1 36.5 54.7
151 78.3 63.4 95.0

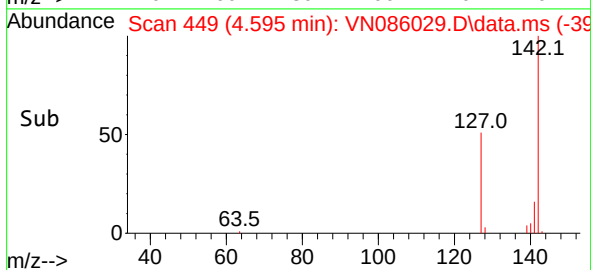
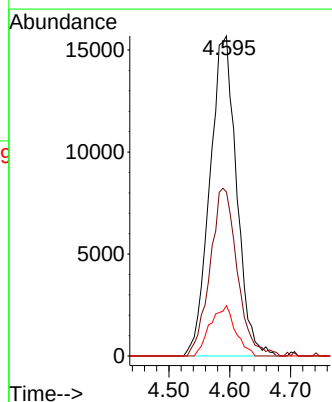
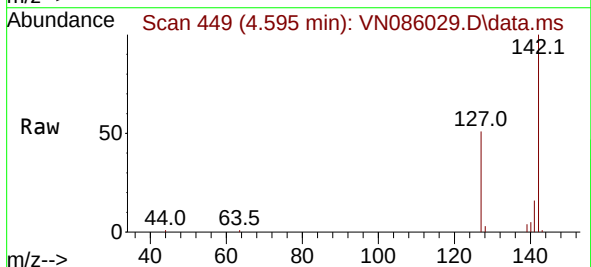
Manual Integrations
APPROVED

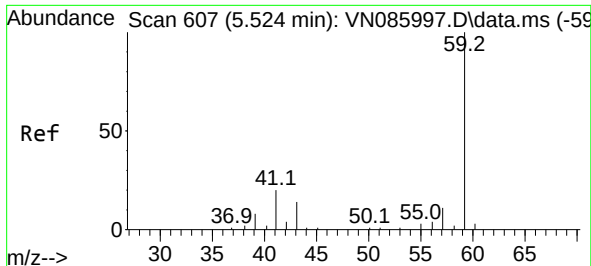
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#10
Methyl Iodide
Concen: 19.840 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

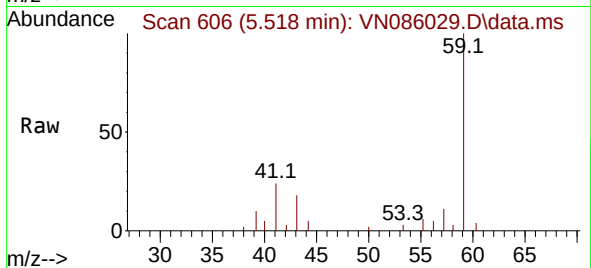
Tgt Ion:142 Resp: 47830
Ion Ratio Lower Upper
142 100
127 51.2 37.5 56.3
141 15.7 11.0 16.6





#11
Tert butyl alcohol
Concen: 83.917 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

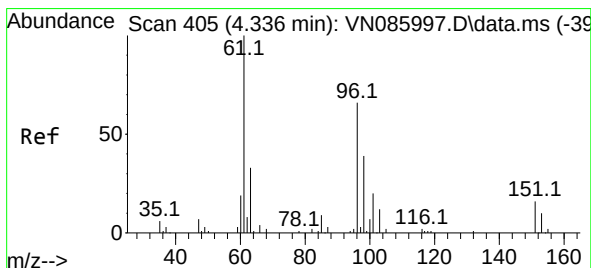
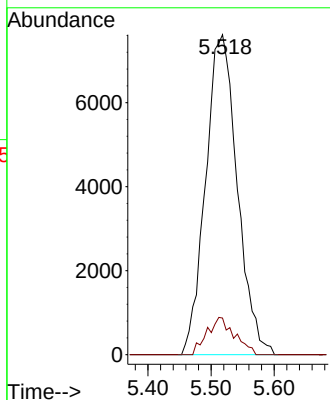
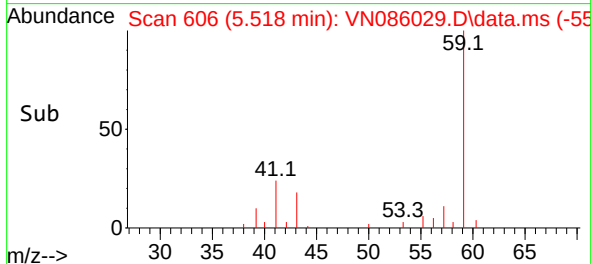
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



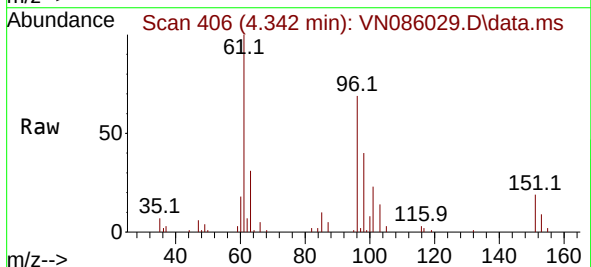
Tgt Ion: 59 Resp: 26530
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9

Manual Integrations
APPROVED

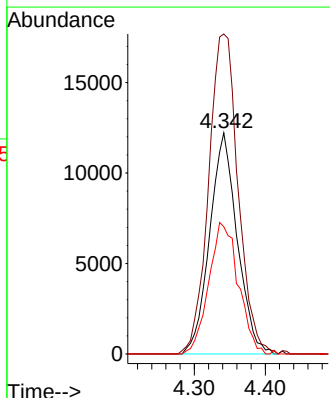
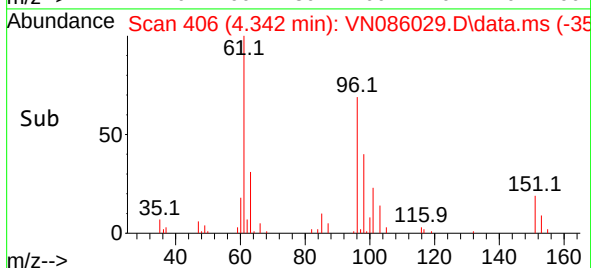
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

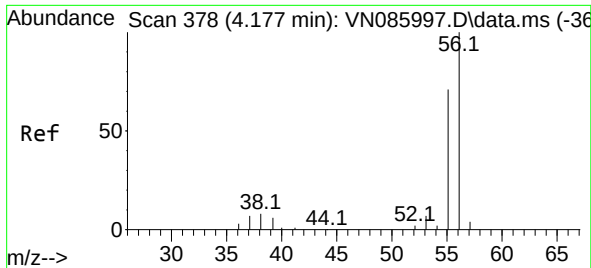


#12
1,1-Dichloroethene
Concen: 19.720 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



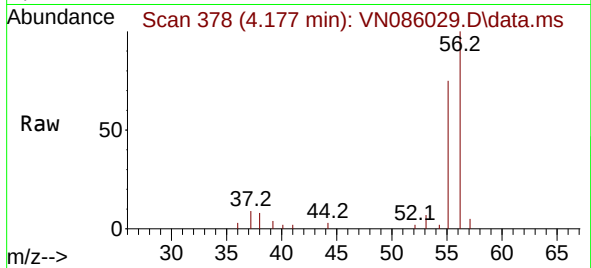
Tgt Ion: 96 Resp: 32945
Ion Ratio Lower Upper
96 100
61 144.8 120.5 180.7
98 57.5 47.4 71.0





#13
Acrolein
Concen: 89.654 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

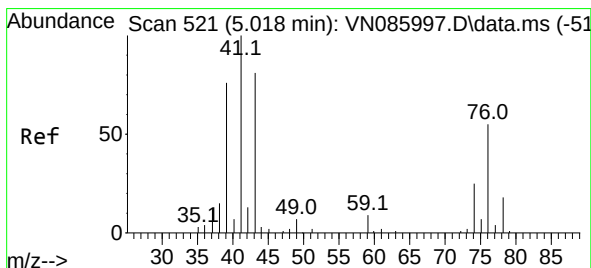
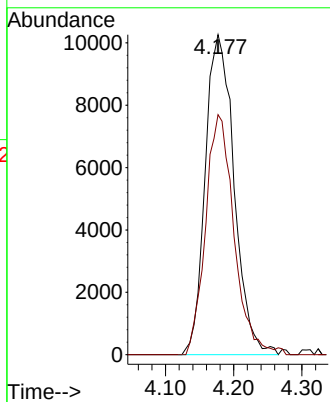
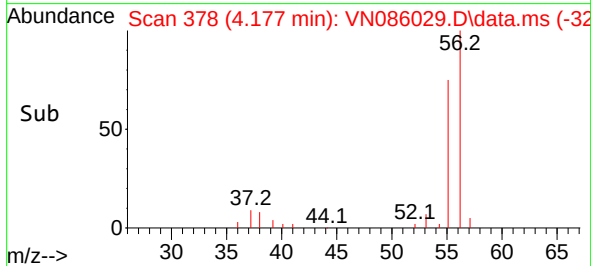
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



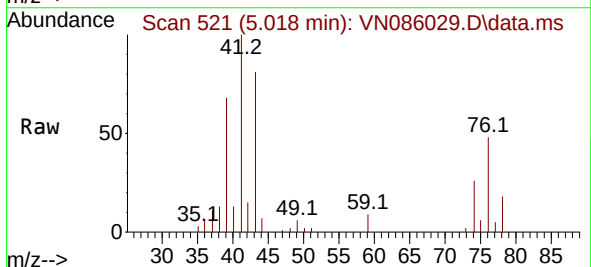
Tgt Ion: 56 Resp: 3023
Ion Ratio Lower Upper
56 100
55 74.0 55.1 82.7

Manual Integrations
APPROVED

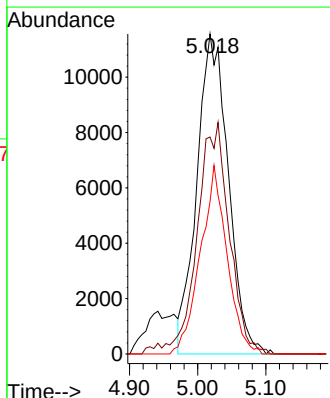
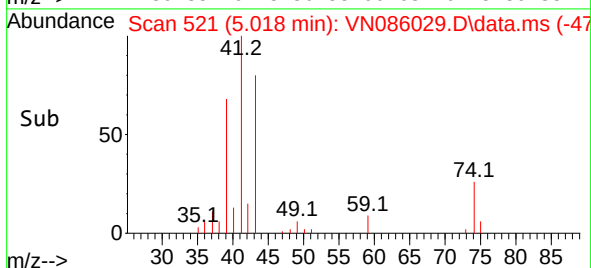
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

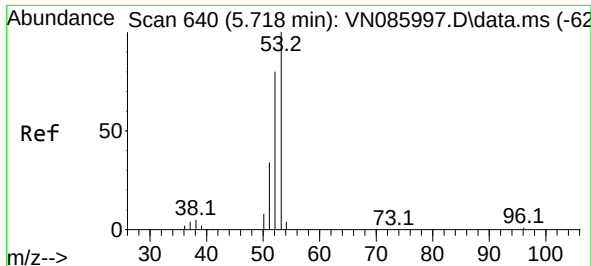


#14
Allyl chloride
Concen: 17.792 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



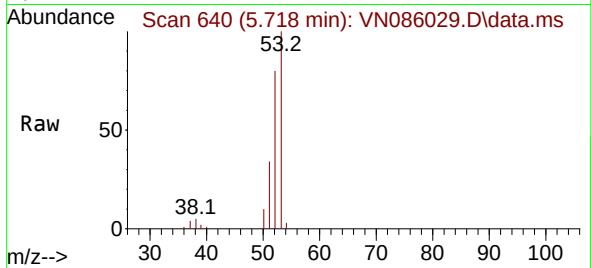
Tgt Ion: 41 Resp: 37083
Ion Ratio Lower Upper
41 100
39 73.0 55.5 83.3
76 50.0 39.1 58.7





#15
Acrylonitrile
Concen: 98.793 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

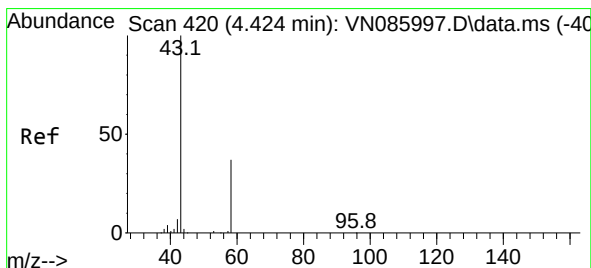
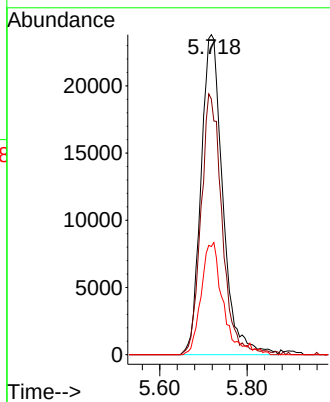
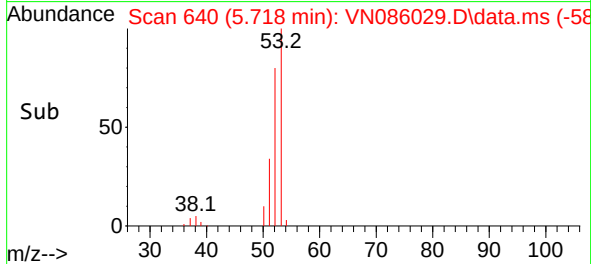
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



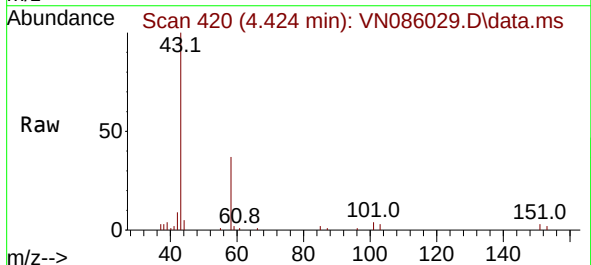
Tgt Ion: 53 Resp: 82480
Ion Ratio Lower Upper
53 100
52 78.4 63.9 95.9
51 35.7 27.1 40.7

Manual Integrations
APPROVED

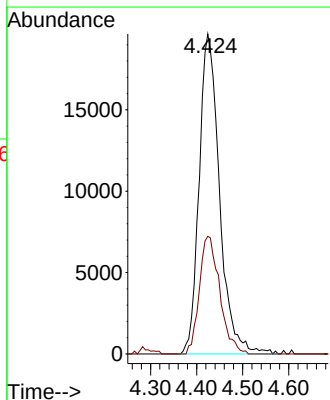
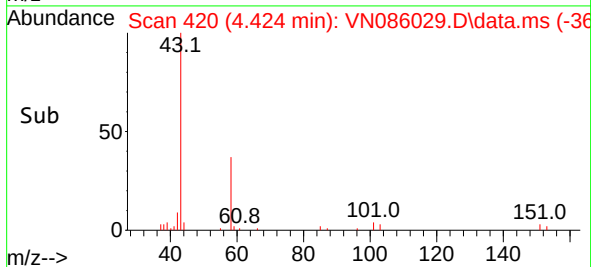
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

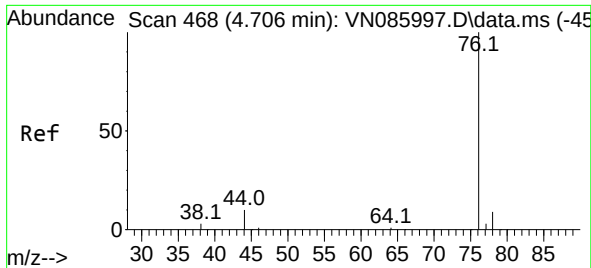


#16
Acetone
Concen: 88.908 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



Tgt Ion: 43 Resp: 60652
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2





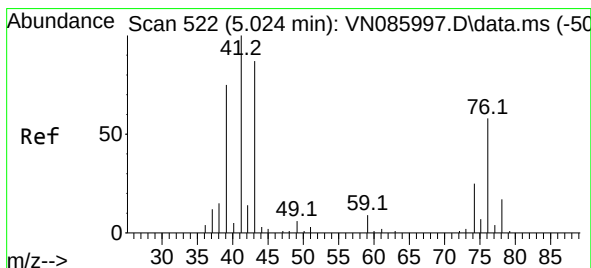
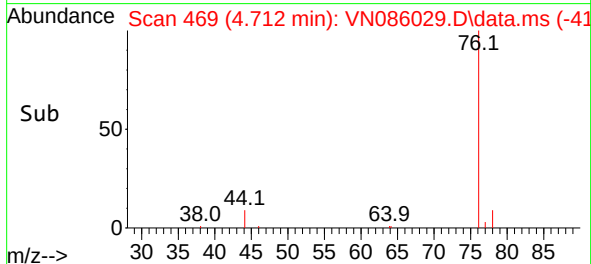
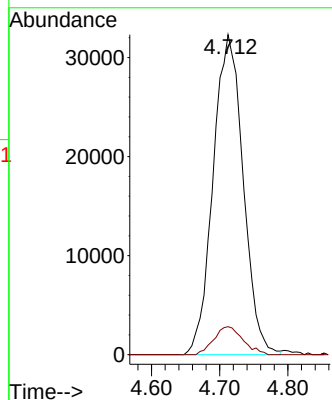
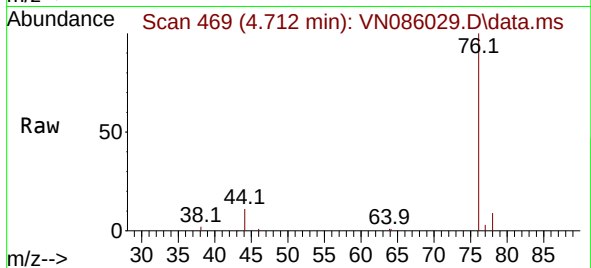
#17
Carbon Disulfide
Concen: 18.031 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 76 Resp: 9906
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

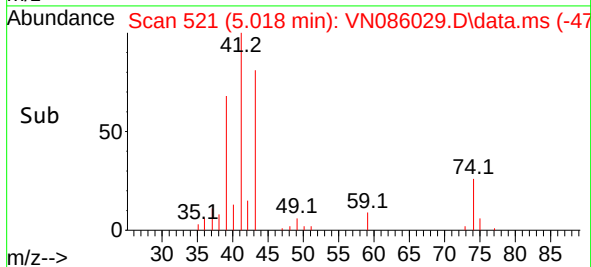
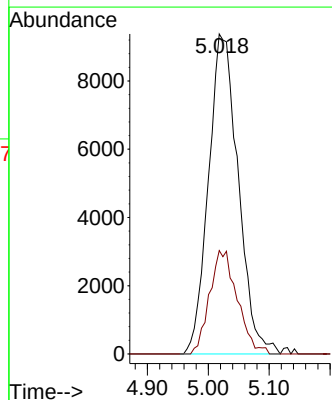
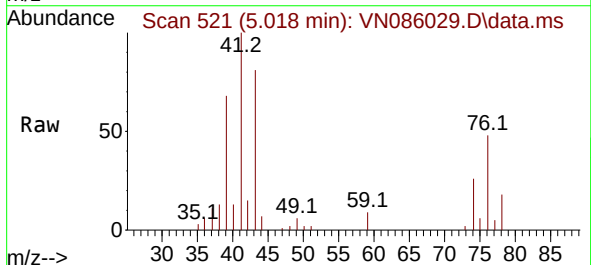
Manual Integrations
APPROVED

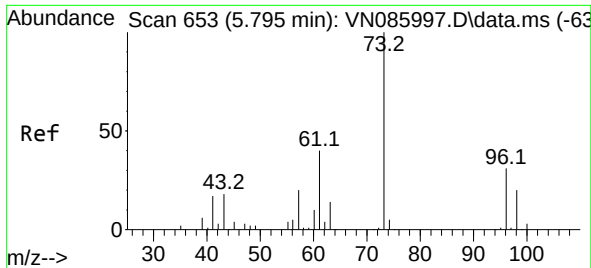
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#18
Methyl Acetate
Concen: 18.829 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 43 Resp: 31781
Ion Ratio Lower Upper
43 100
74 30.2 23.9 35.9





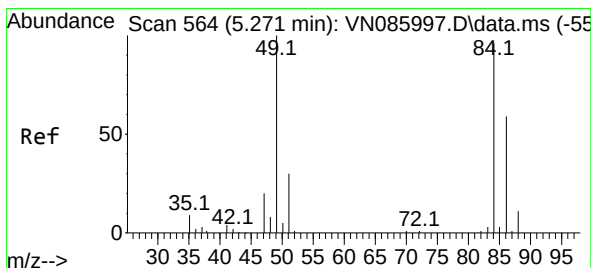
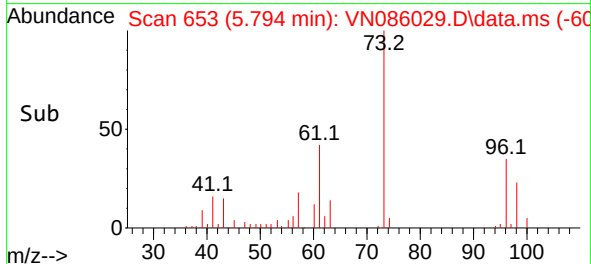
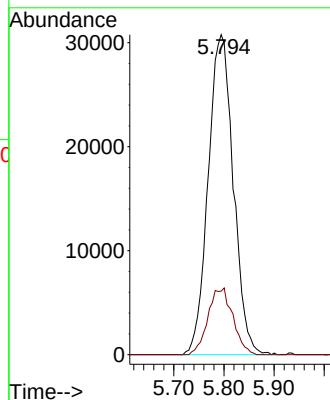
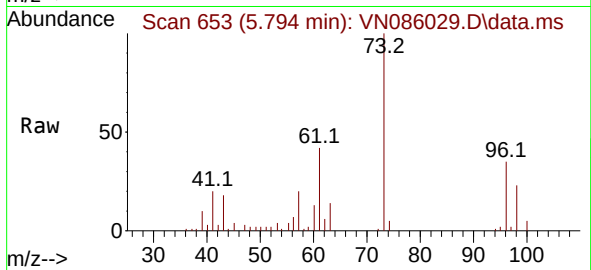
#19
Methyl tert-butyl Ether
Concen: 19.593 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 73 Resp: 107258
Ion Ratio Lower Upper
73 100
57 19.8 16.1 24.1

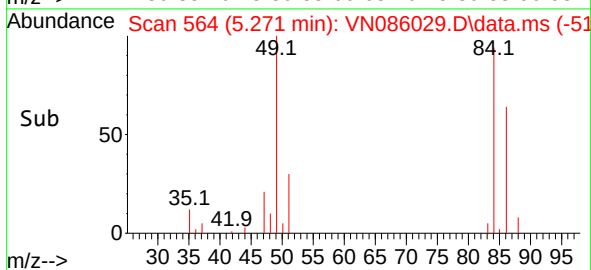
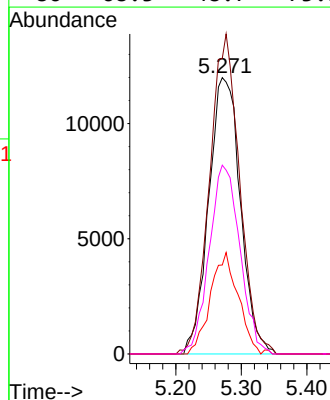
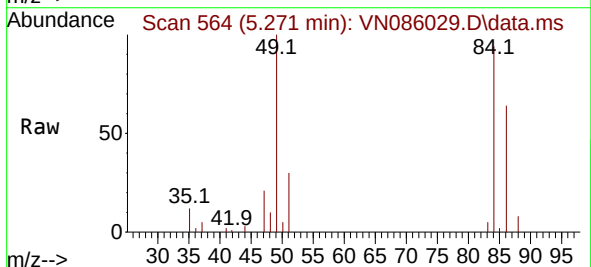
Manual Integrations
APPROVED

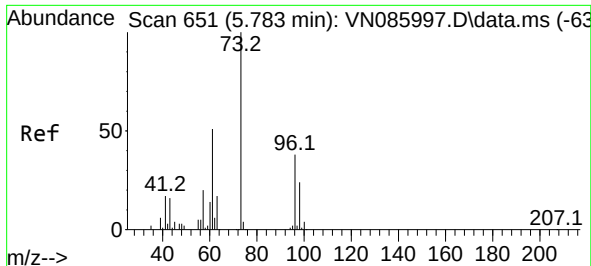
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#20
Methylene Chloride
Concen: 20.157 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

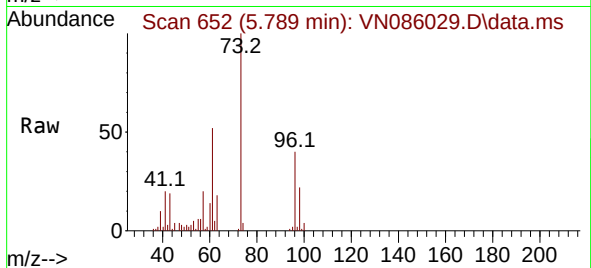
Tgt Ion: 84 Resp: 40227
Ion Ratio Lower Upper
84 100
49 106.9 83.3 124.9
51 32.2 24.8 37.2
86 68.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.784 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

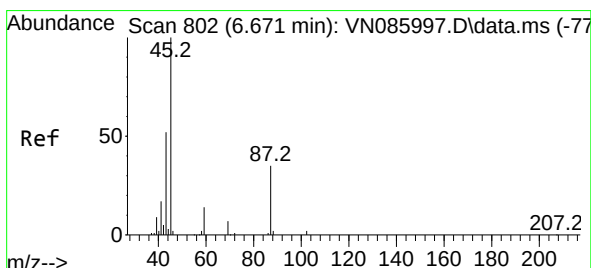
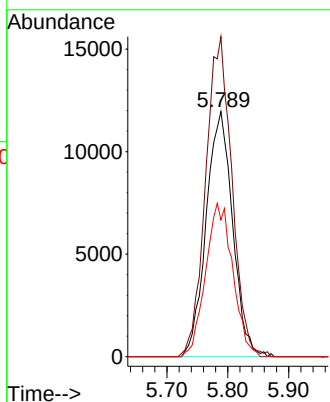
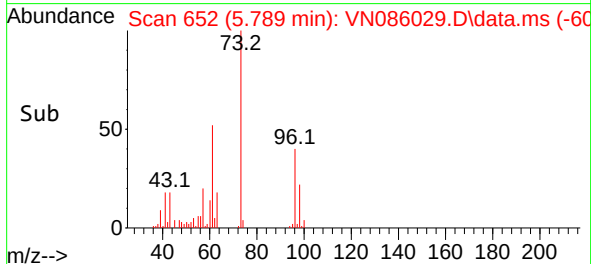
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 96 Resp: 36120
Ion Ratio Lower Upper
96 100
61 130.5 106.6 160.0
98 55.8 50.0 75.0

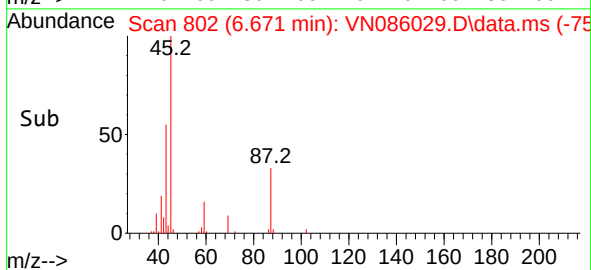
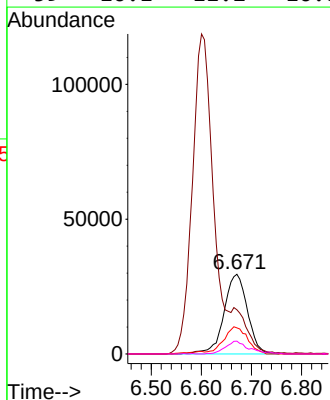
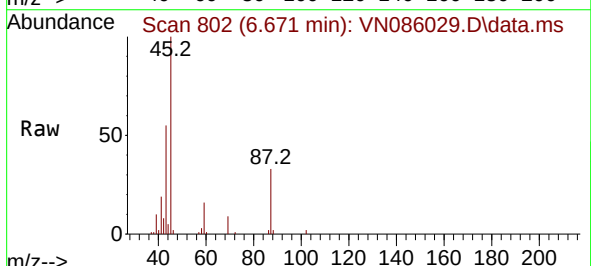
Manual Integrations
APPROVED

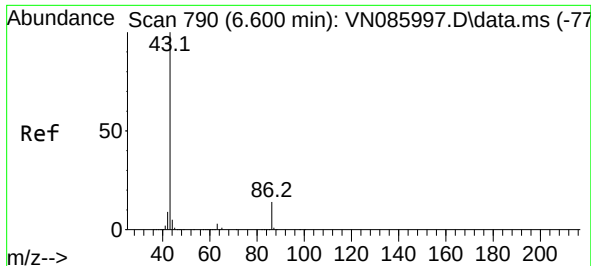
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#22
Diisopropyl ether
Concen: 21.569 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 45 Resp: 95798
Ion Ratio Lower Upper
45 100
43 53.4 41.2 61.8
87 32.8 28.5 42.7
59 16.1 11.2 16.8





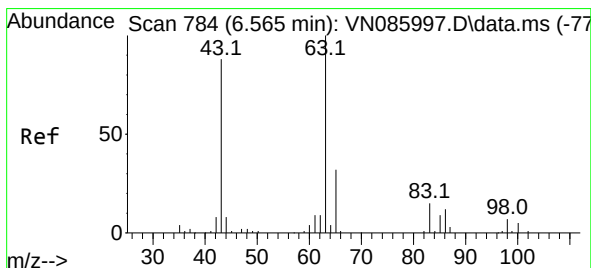
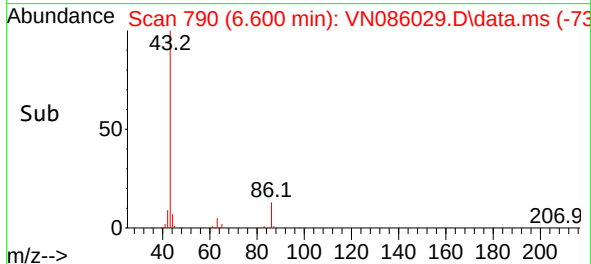
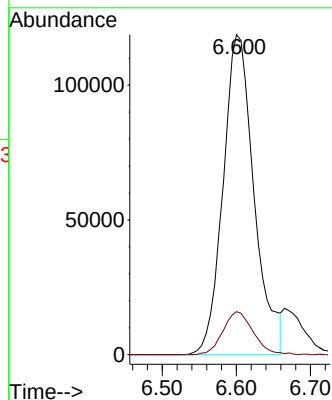
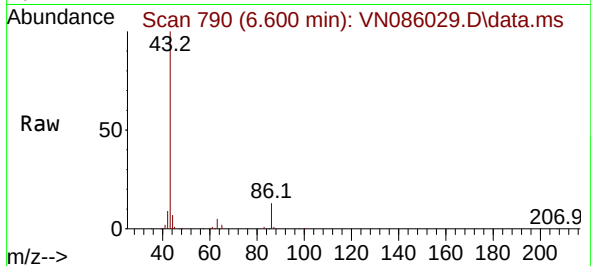
#23
 Vinyl Acetate
 Concen: 102.520 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Tgt Ion: 43 Resp: 345170
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8

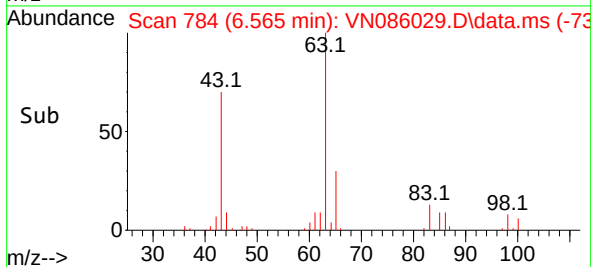
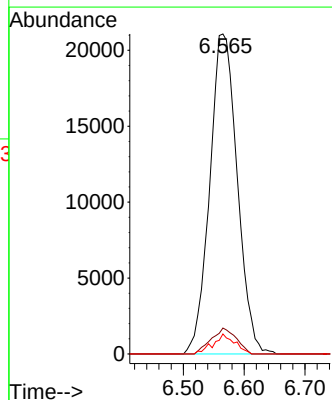
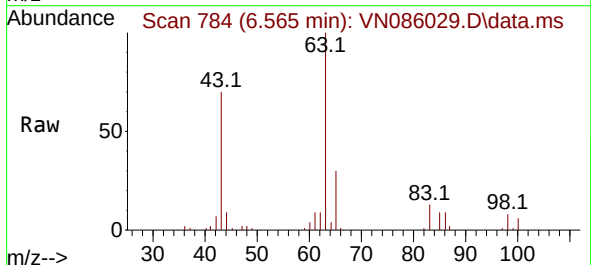
Manual Integrations
 APPROVED

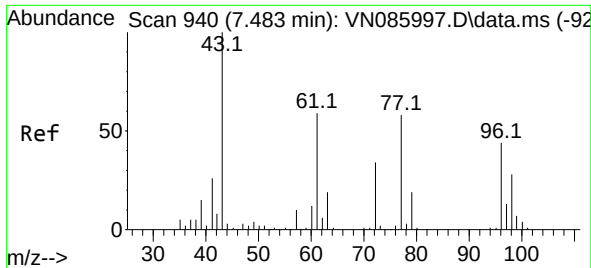
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#24
 1,1-Dichloroethane
 Concen: 20.316 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Tgt Ion: 63 Resp: 66353
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 6.2 2.5 7.5





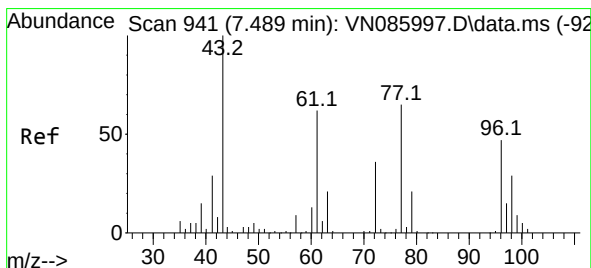
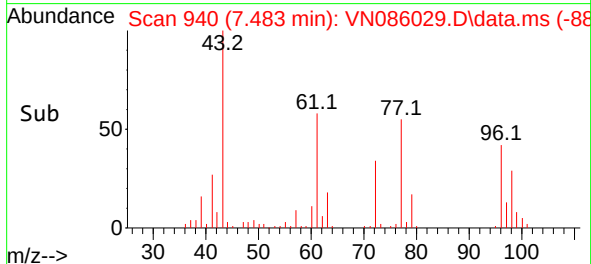
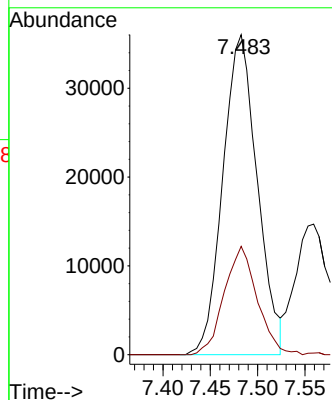
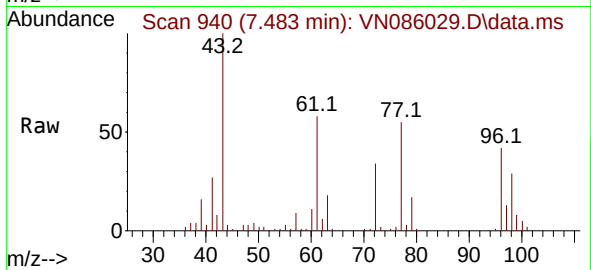
#25
2-Butanone
Concen: 92.473 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 43 Resp: 91020
Ion Ratio Lower Upper
43 100
72 33.9 27.4 41.0

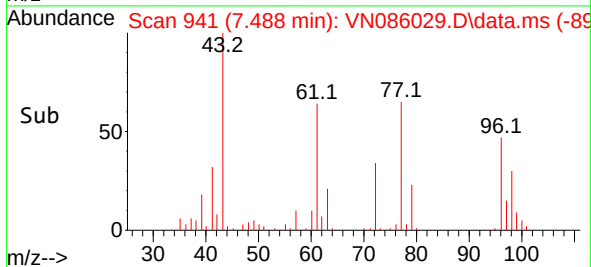
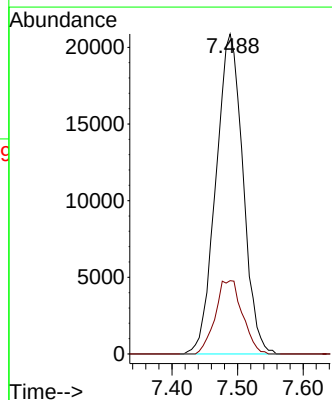
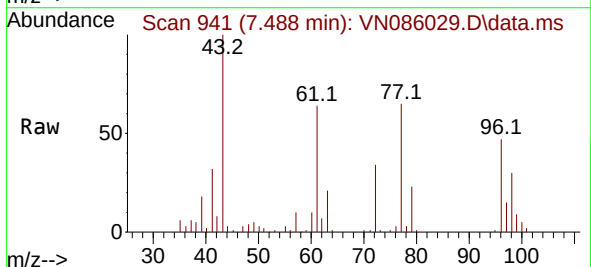
Manual Integrations
APPROVED

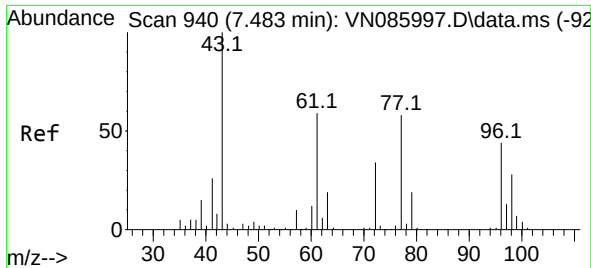
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#26
2,2-Dichloropropane
Concen: 18.992 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

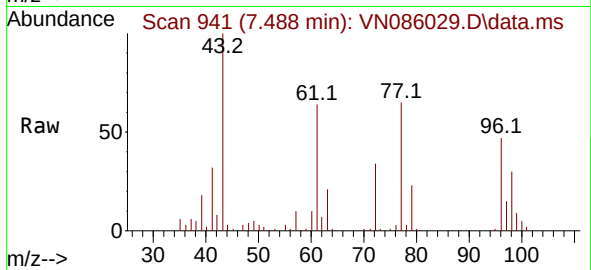
Tgt Ion: 77 Resp: 59718
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.945 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

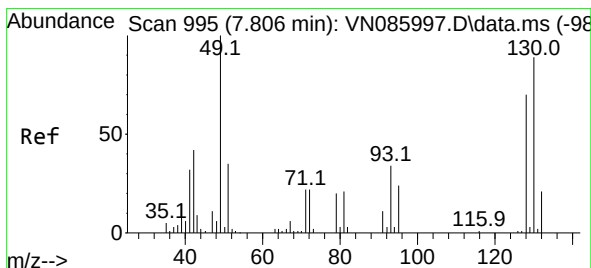
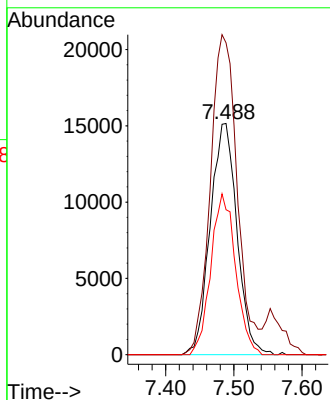
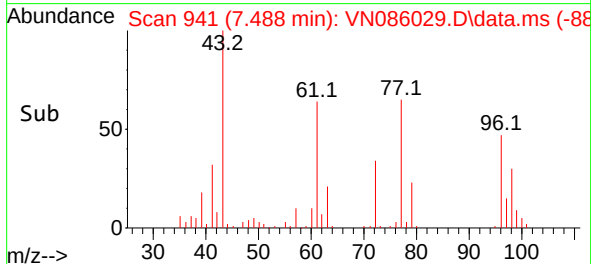
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01



Tgt Ion: 96 Resp: 41380
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 272.8
 98 64.5 0.0 124.8

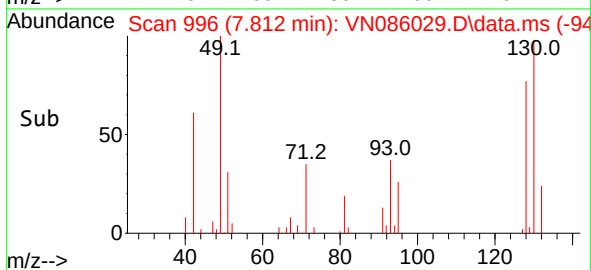
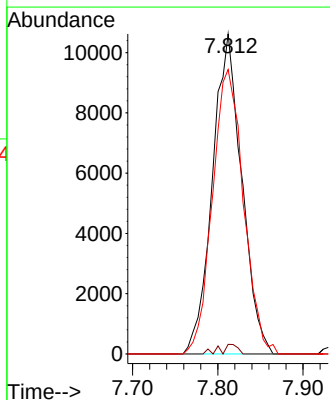
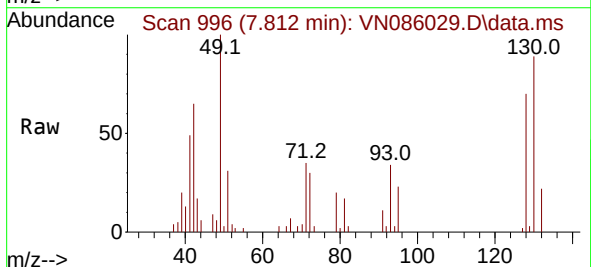
Manual Integrations
 APPROVED

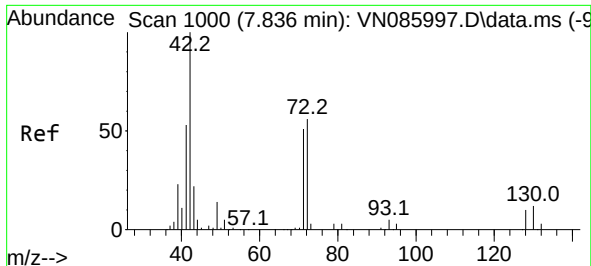
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#28
 Bromochloromethane
 Concen: 18.358 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Tgt Ion: 49 Resp: 25403
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 93.9 74.2 111.4





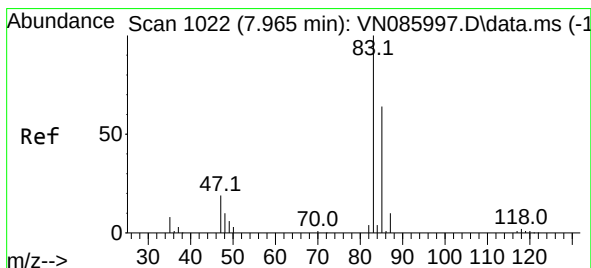
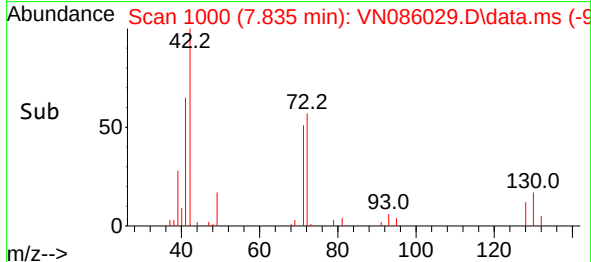
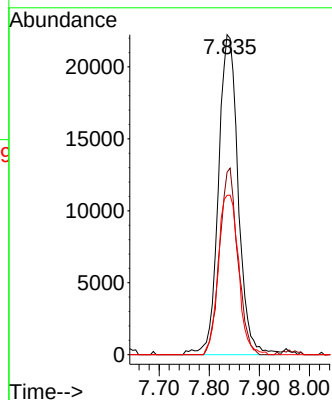
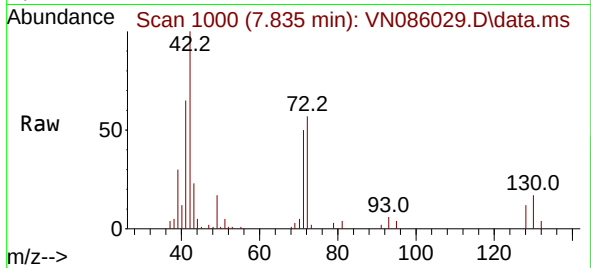
#29
Tetrahydrofuran
Concen: 100.188 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 42 Resp: 60885
Ion Ratio Lower Upper
42 100
72 53.7 45.0 67.4
71 51.0 41.9 62.9

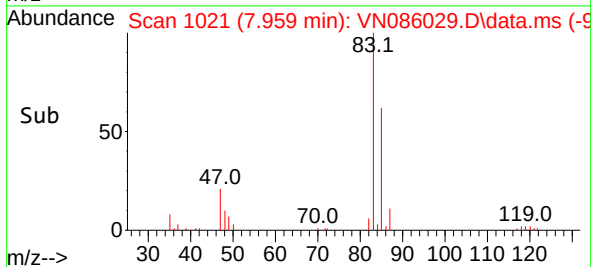
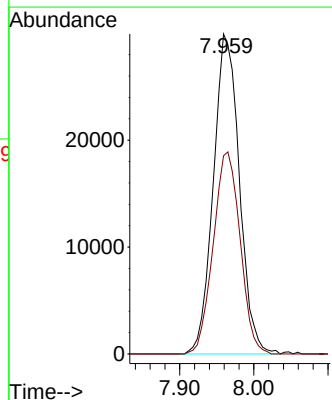
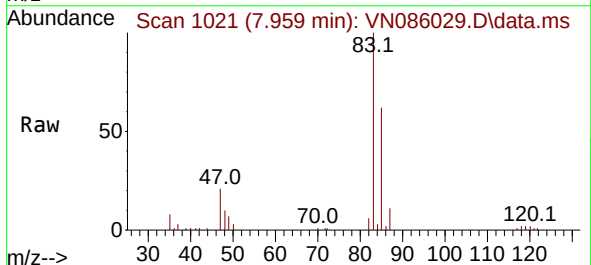
Manual Integrations
APPROVED

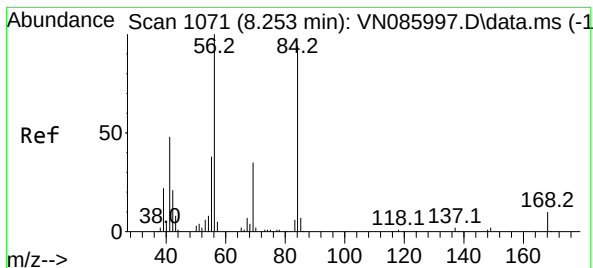
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#30
Chloroform
Concen: 20.207 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 83 Resp: 72948
Ion Ratio Lower Upper
83 100
85 61.9 51.5 77.3





#31

Cyclohexane

Concen: 18.136 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 56 Resp: 50460

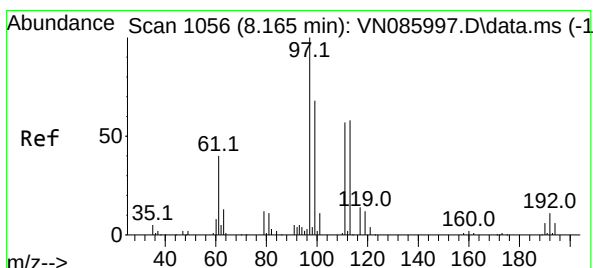
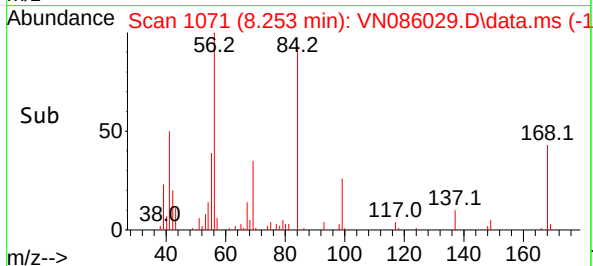
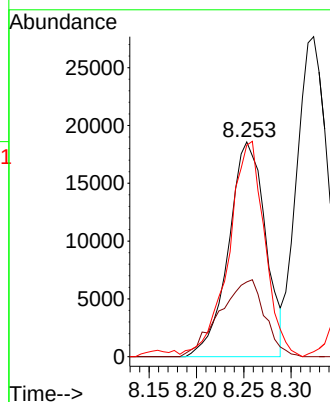
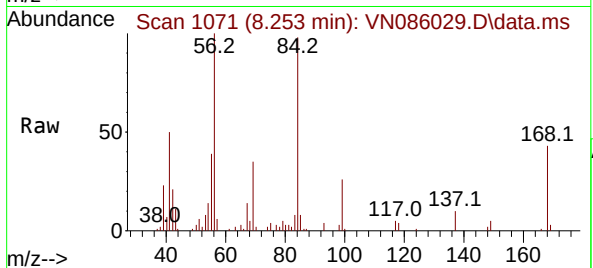
Ion	Ratio	Lower	Upper
56	100		
69	34.8	28.0	42.0
84	97.4	75.0	112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#32

1,1,1-Trichloroethane

Concen: 20.018 ug/l

RT: 8.165 min Scan# 1056

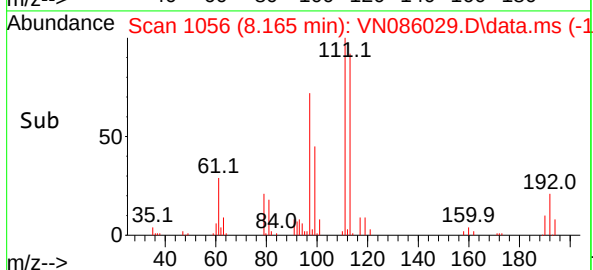
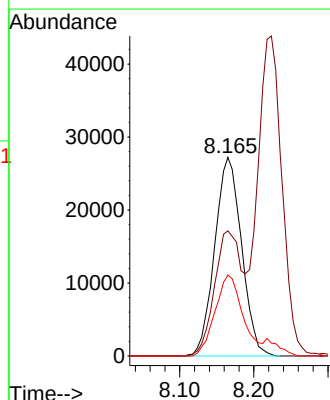
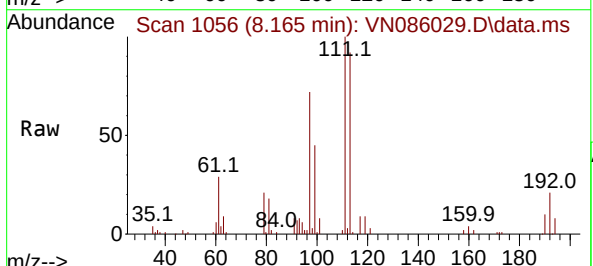
Delta R.T. -0.000 min

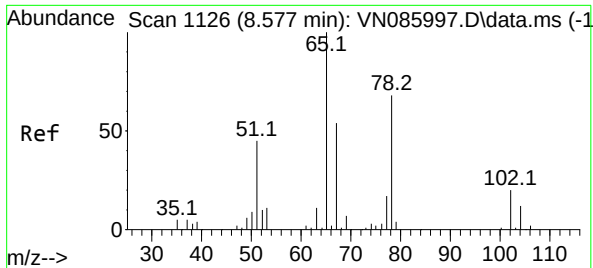
Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Tgt Ion: 97 Resp: 68406

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.8	79.2
61	42.4	33.6	50.4





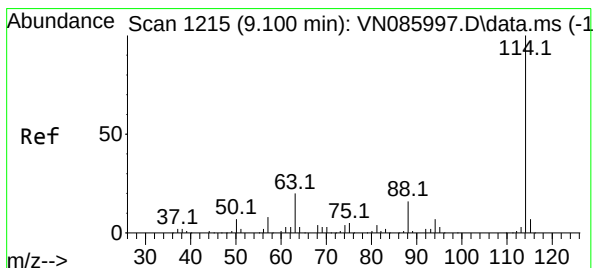
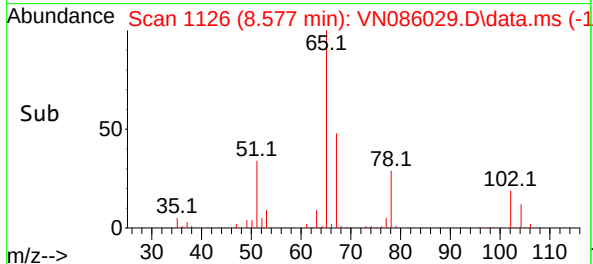
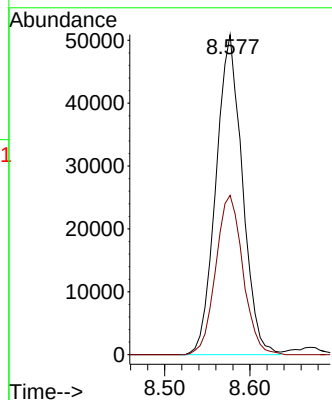
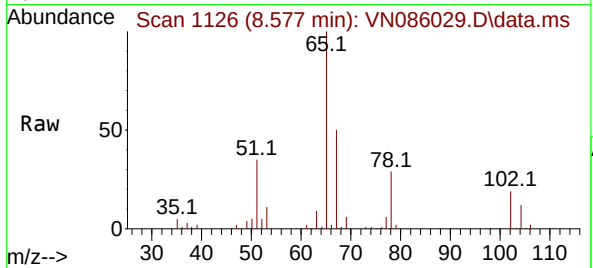
#33
1,2-Dichloroethane-d4
Concen: 49.001 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 65 Resp: 109410
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2

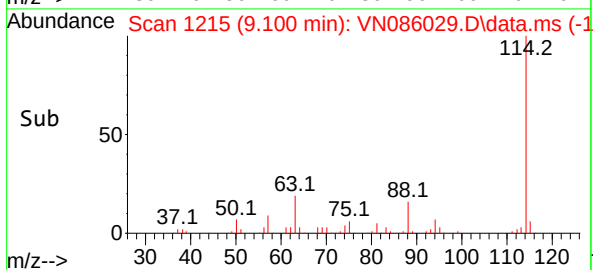
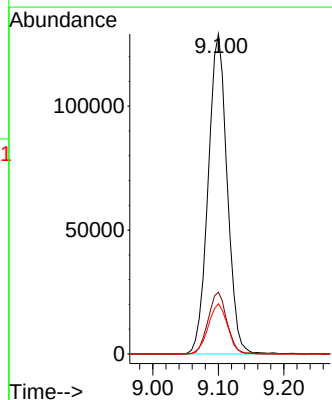
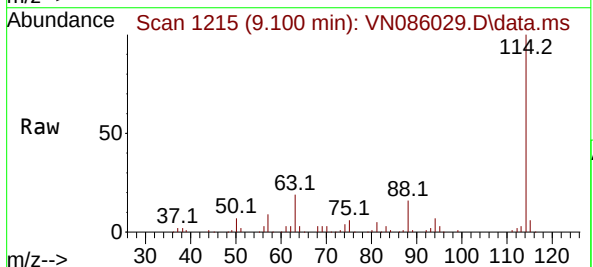
Manual Integrations
APPROVED

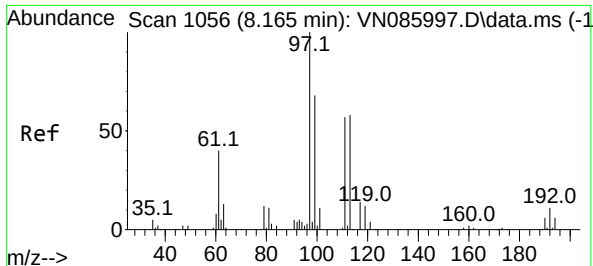
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:114 Resp: 259777
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.545 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 113 Resp: 86210

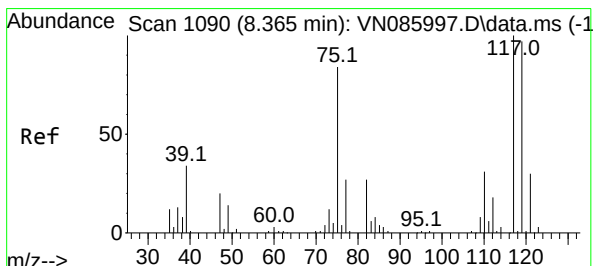
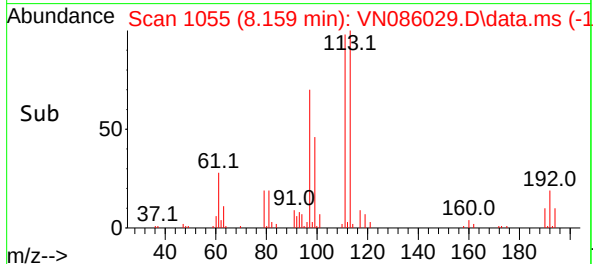
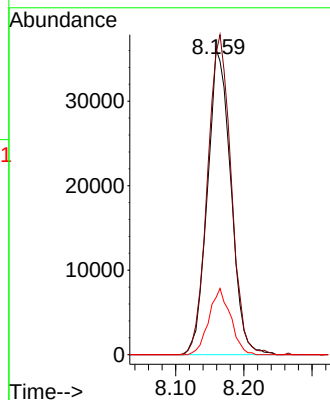
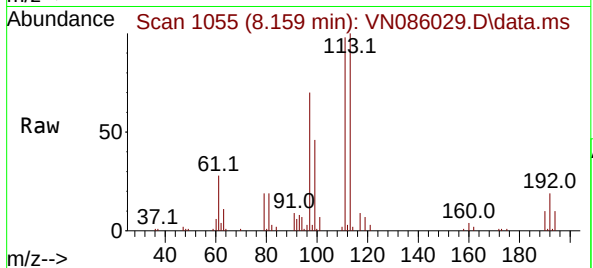
Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.8	122.8
192	20.1	15.9	23.9

Manual Integrations

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Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#36

1,1-Dichloropropene

Concen: 19.650 ug/l

RT: 8.371 min Scan# 1091

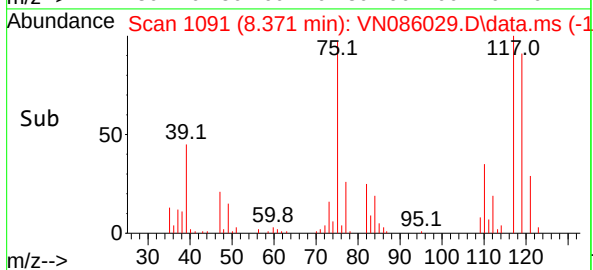
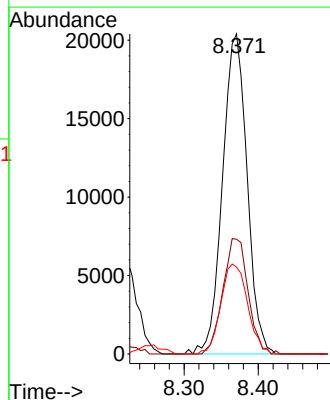
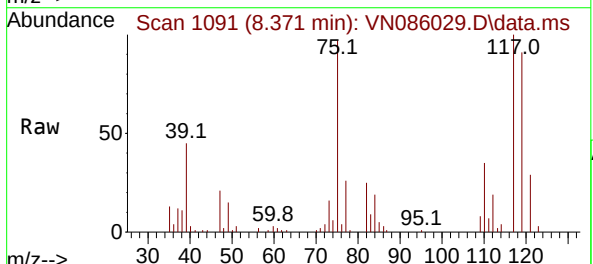
Delta R.T. 0.006 min

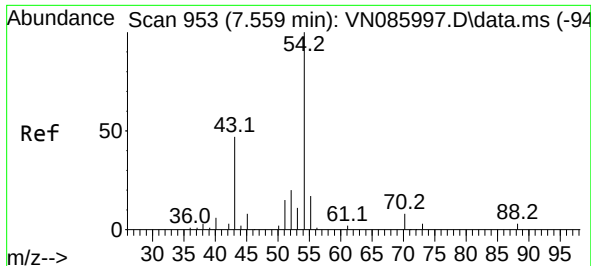
Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Tgt Ion: 75 Resp: 46915

Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.8	53.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 18.565 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 43 Resp: 37394

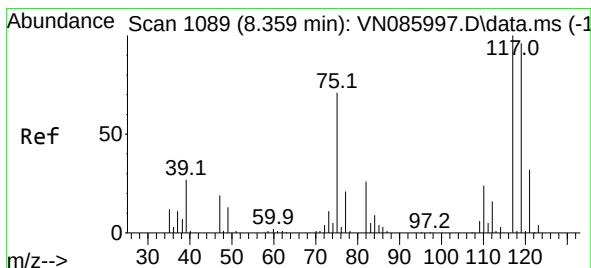
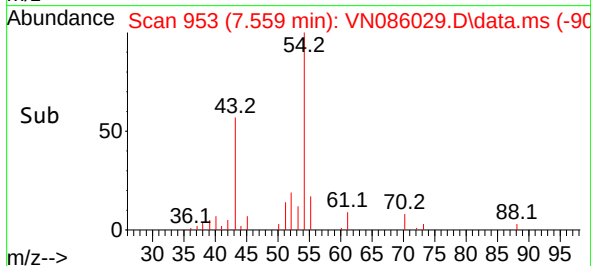
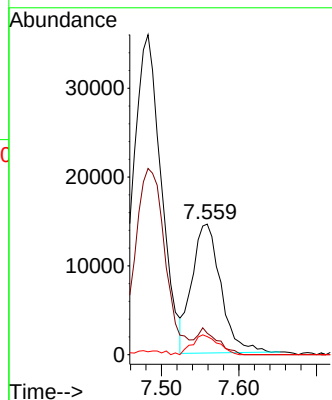
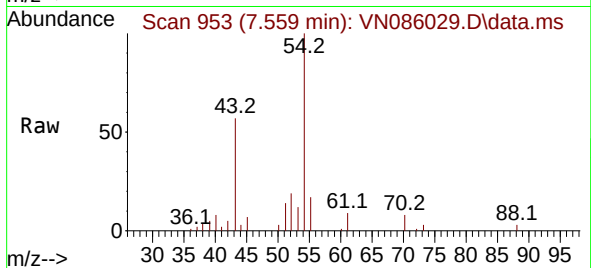
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.0	19.4
70	13.9	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#38

Carbon Tetrachloride

Concen: 20.532 ug/l

RT: 8.359 min Scan# 1089

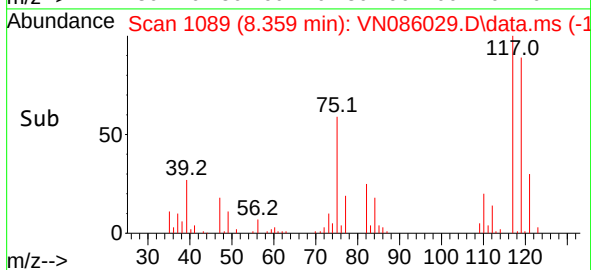
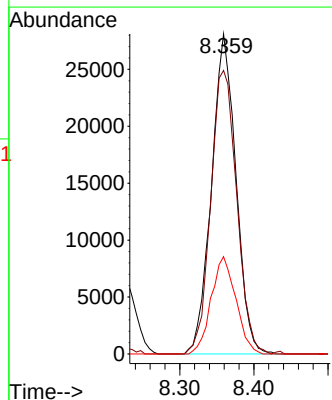
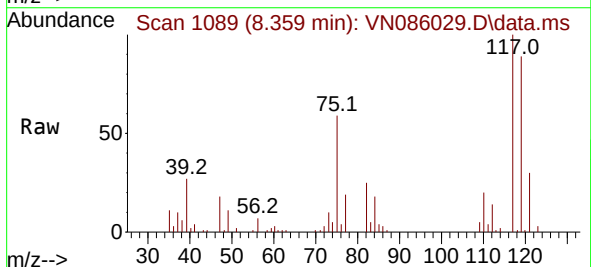
Delta R.T. -0.000 min

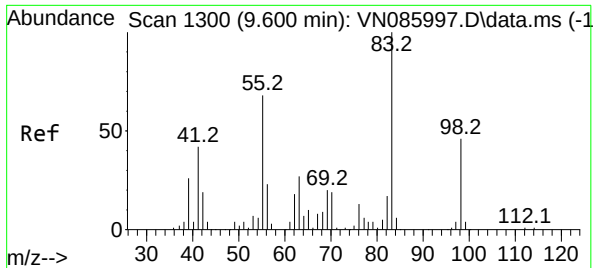
Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Tgt Ion:117 Resp: 64454

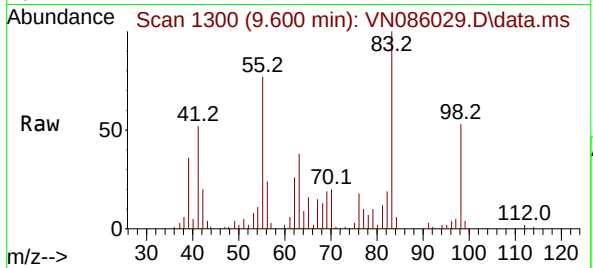
Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.0	115.4
121	30.4	25.6	38.4





#39
Methylcyclohexane
Concen: 16.655 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

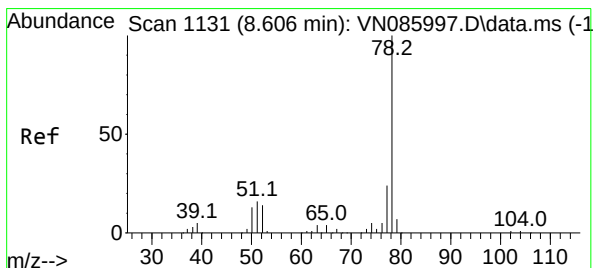
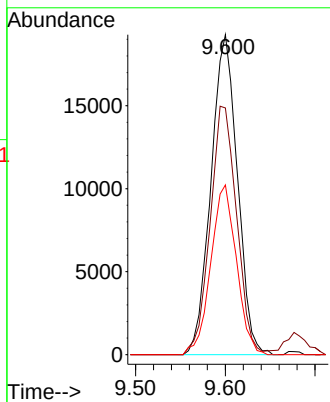
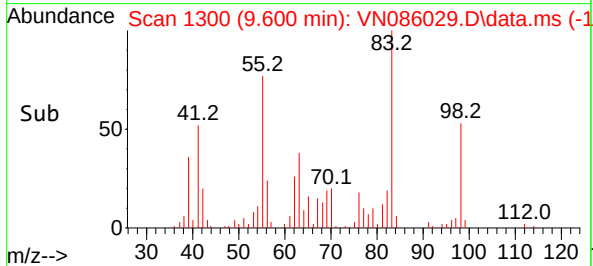
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 83 Resp: 39452
Ion Ratio Lower Upper
83 100
55 77.1 54.2 81.2
98 53.1 37.1 55.7

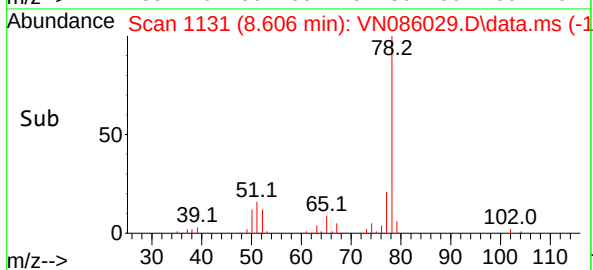
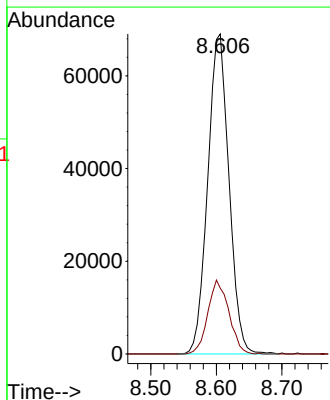
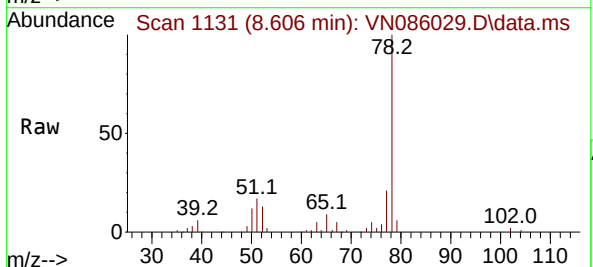
Manual Integrations
APPROVED

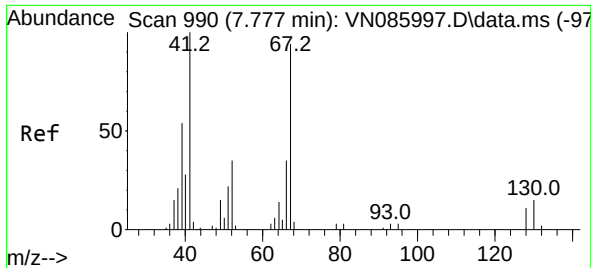
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#40
Benzene
Concen: 20.731 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

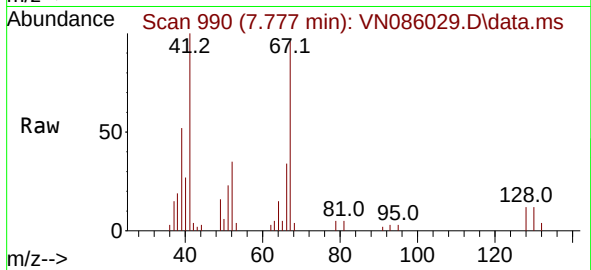
Tgt Ion: 78 Resp: 155377
Ion Ratio Lower Upper
78 100
77 20.6 18.9 28.3





#41
Methacrylonitrile
Concen: 19.559 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

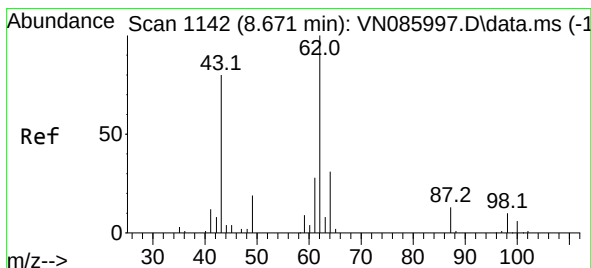
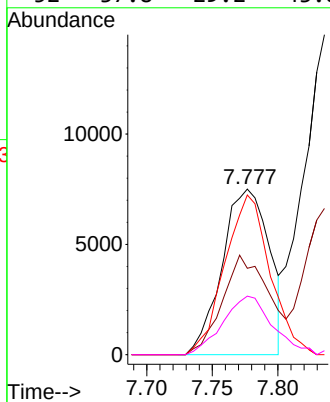
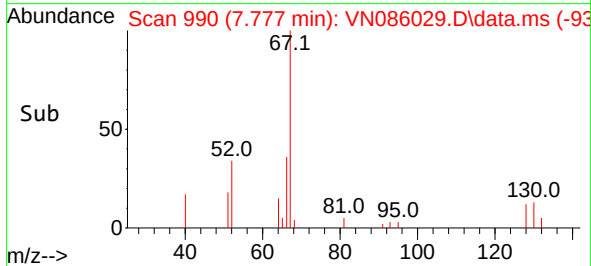
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 41 Resp: 18812
Ion Ratio Lower Upper
41 100
39 59.8 46.2 69.2
67 92.6 75.9 113.9
52 37.8 29.2 43.8

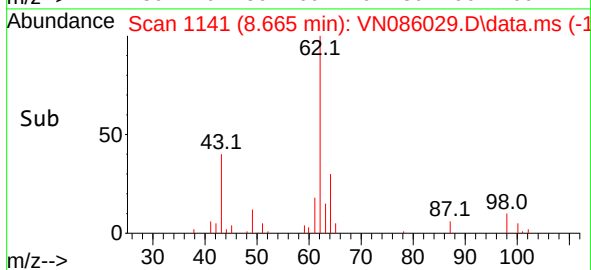
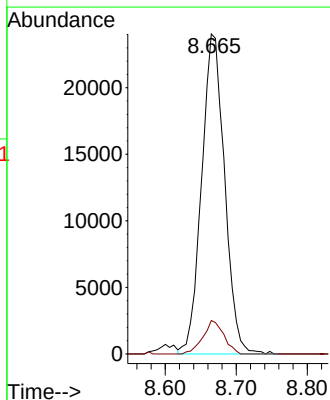
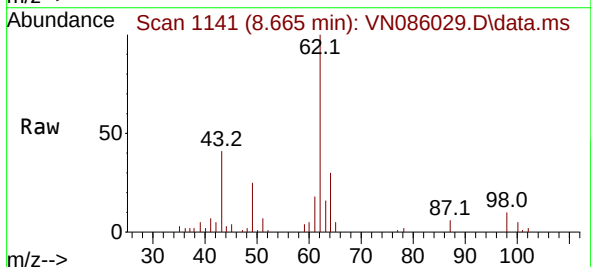
Manual Integrations
APPROVED

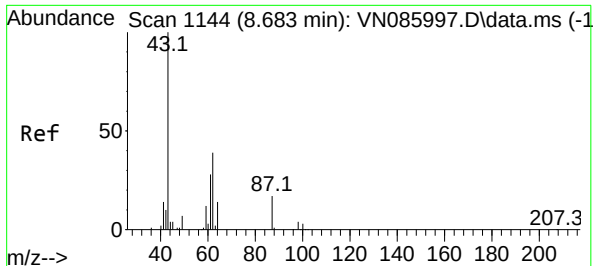
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#42
1,2-Dichloroethane
Concen: 20.725 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

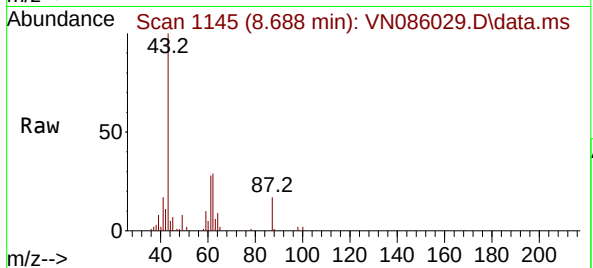
Tgt Ion: 62 Resp: 54126
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





#43
Isopropyl Acetate
Concen: 15.441 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

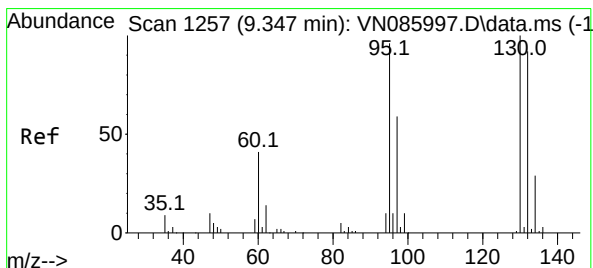
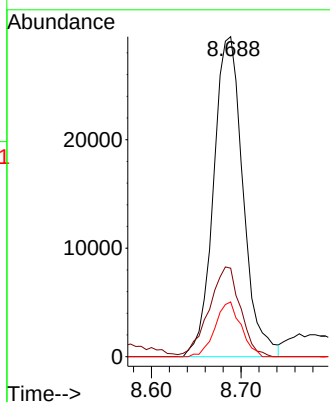
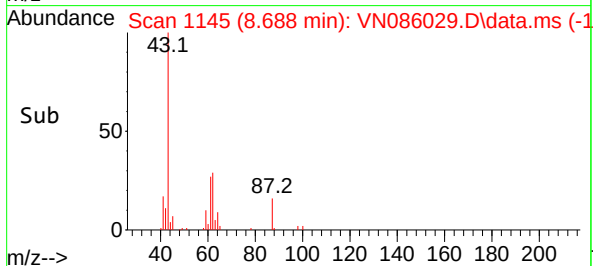
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



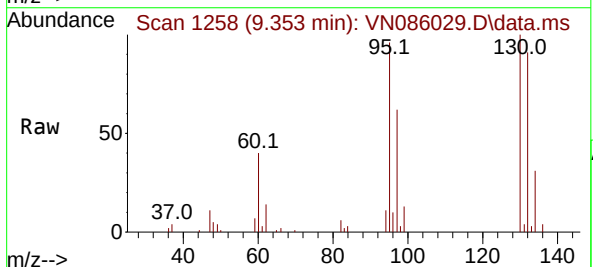
Tgt Ion: 43 Resp: 6739
Ion Ratio Lower Upper
43 100
61 29.8 25.0 37.6
87 15.0 13.0 19.4

Manual Integrations
APPROVED

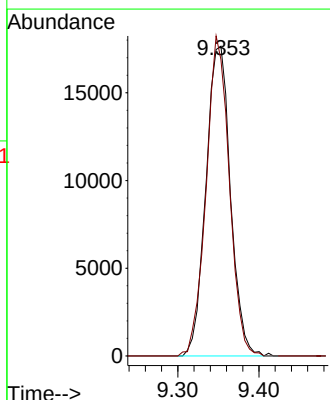
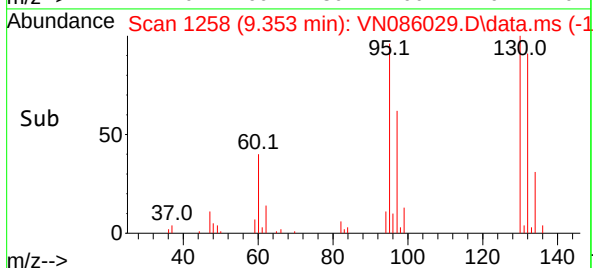
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

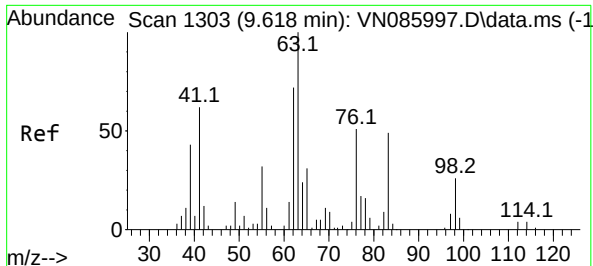


#44
Trichloroethene
Concen: 19.119 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



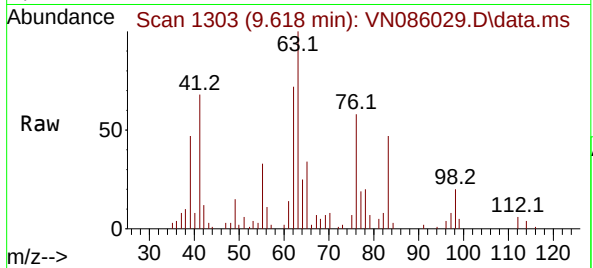
Tgt Ion:130 Resp: 37139
Ion Ratio Lower Upper
130 100
95 95.7 0.0 191.6





#45
1,2-Dichloropropane
Concen: 20.583 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

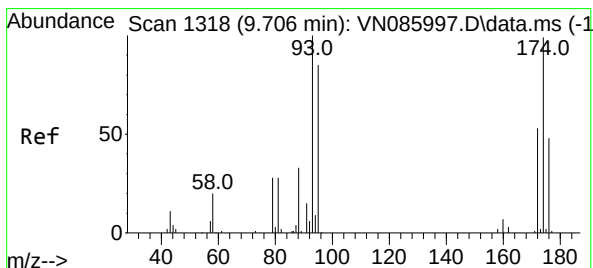
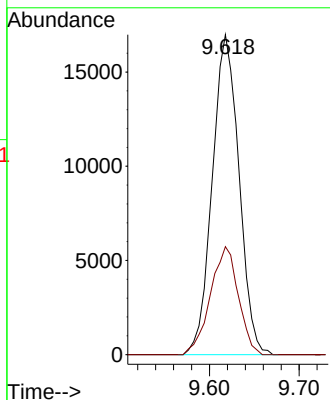
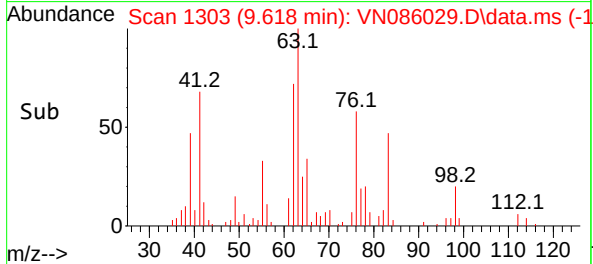
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



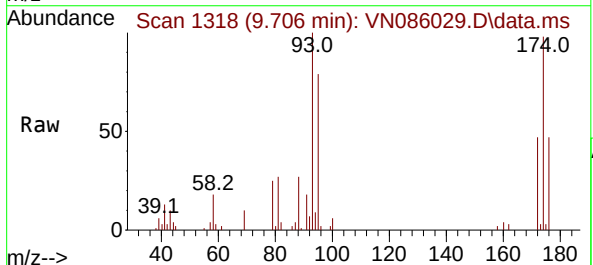
Tgt Ion: 63 Resp: 35089
Ion Ratio Lower Upper
63 100
65 33.8 24.7 37.1

Manual Integrations
APPROVED

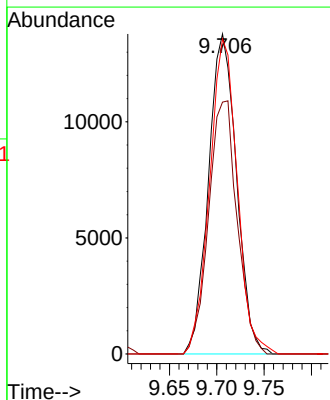
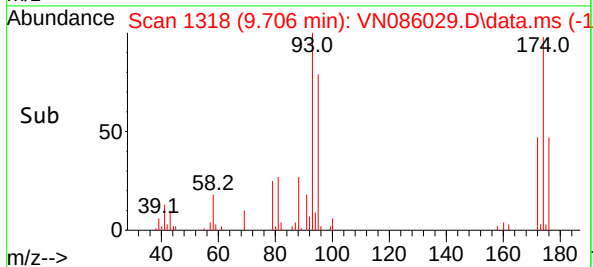
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

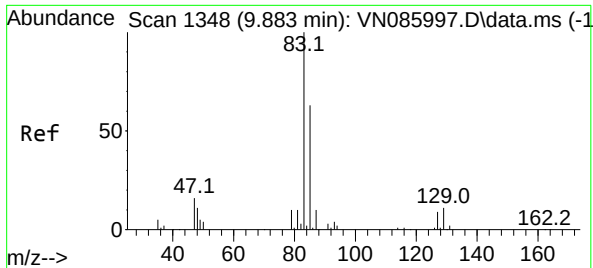


#46
Dibromomethane
Concen: 21.187 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



Tgt Ion: 93 Resp: 28404
Ion Ratio Lower Upper
93 100
95 80.8 66.2 99.2
174 96.9 80.1 120.1





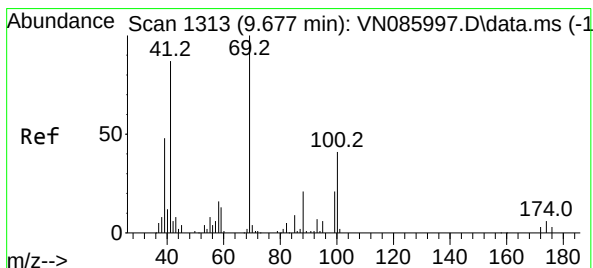
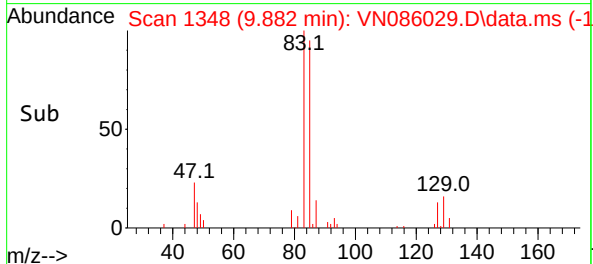
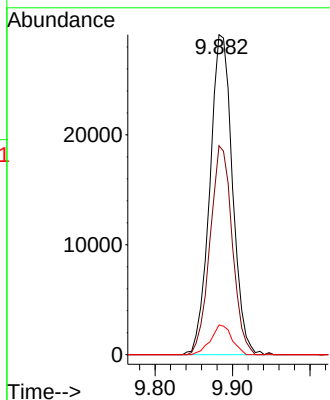
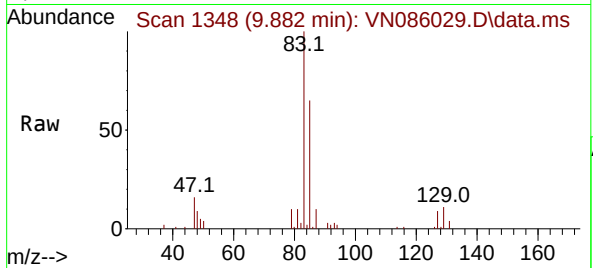
#47
Bromodichloromethane
Concen: 21.063 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 83 Resp: 5901
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.2
127 9.3 7.1 10.7

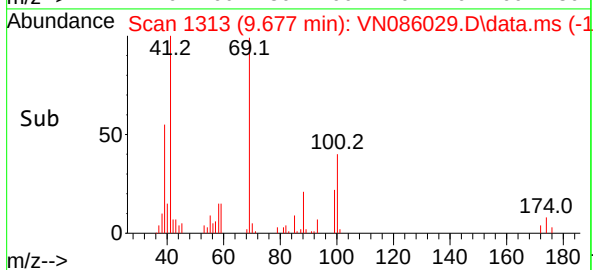
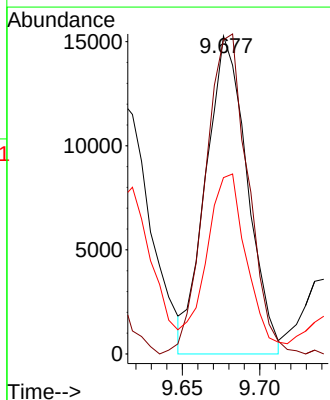
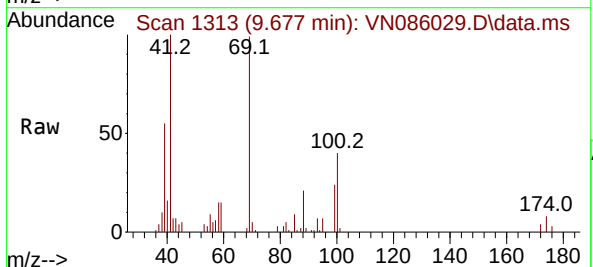
Manual Integrations
APPROVED

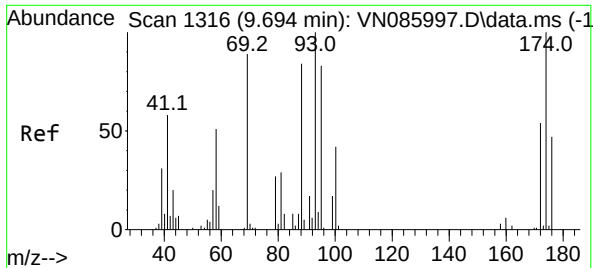
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 19.669 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

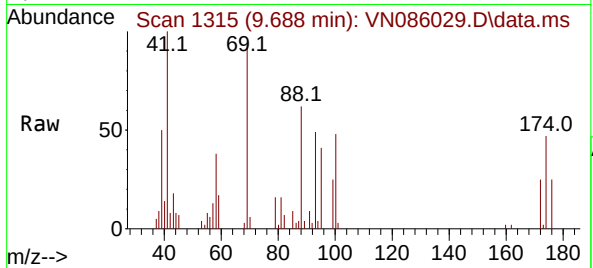
Tgt Ion: 41 Resp: 28329
Ion Ratio Lower Upper
41 100
69 103.4 83.1 124.7
39 56.5 45.6 68.4





#49
1,4-Dioxane
Concen: 407.830 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

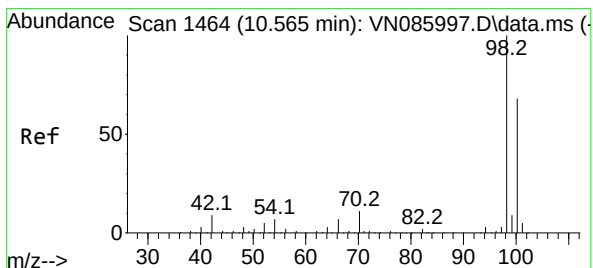
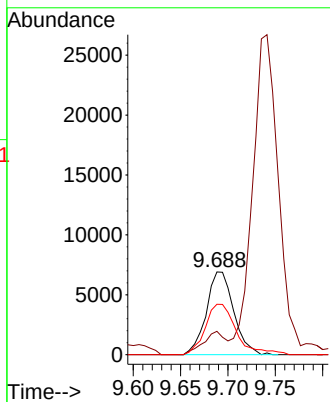
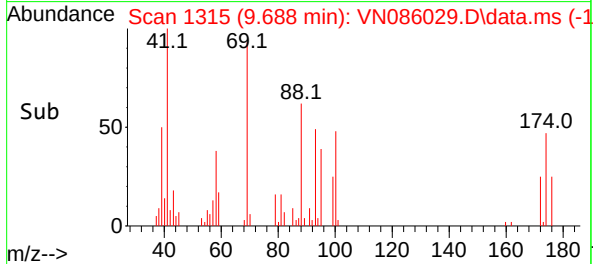
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 88 Resp: 1388
Ion Ratio Lower Upper
88 100
43 22.9 21.7 32.5
58 69.3 50.4 75.6

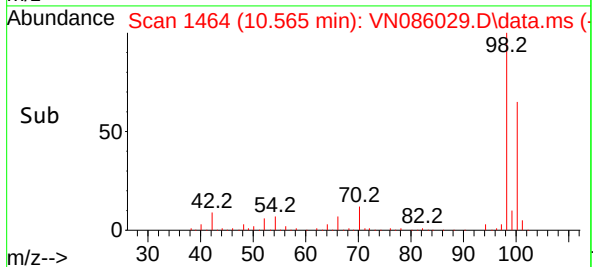
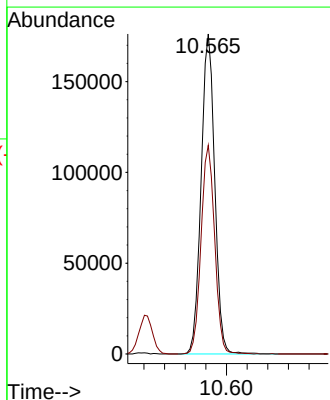
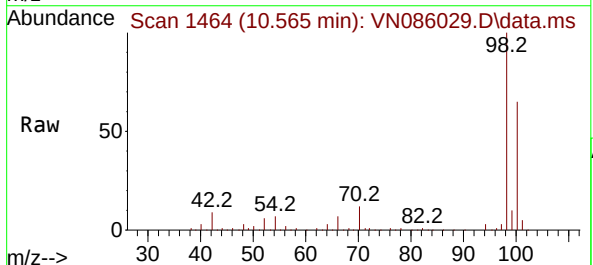
Manual Integrations
APPROVED

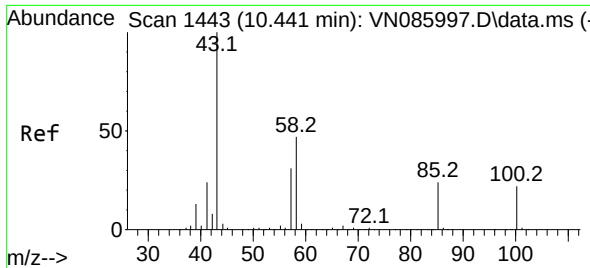
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#50
Toluene-d8
Concen: 48.914 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

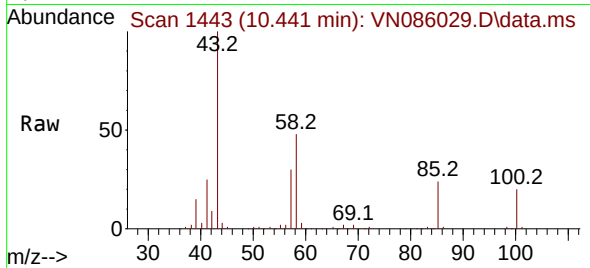
Tgt Ion: 98 Resp: 321886
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 100.374 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

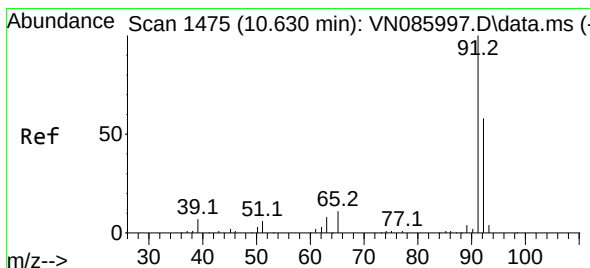
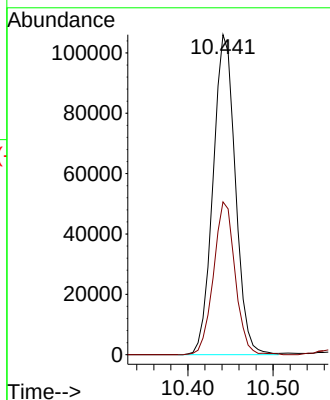
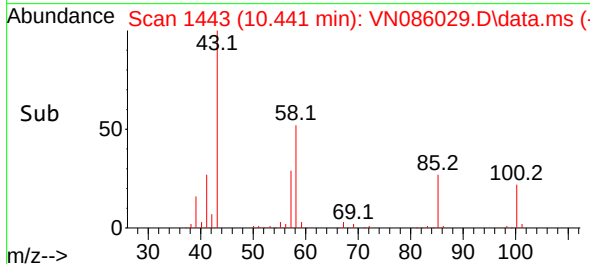
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 43 Resp: 193215
Ion Ratio Lower Upper
43 100
58 46.2 37.4 56.0

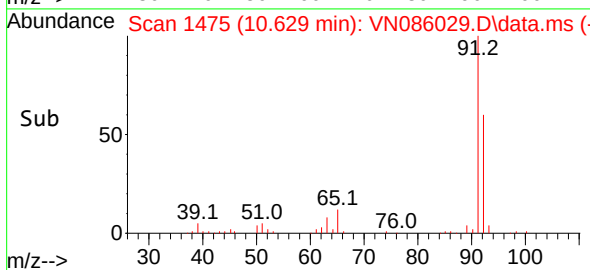
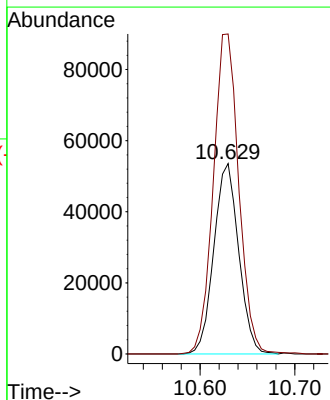
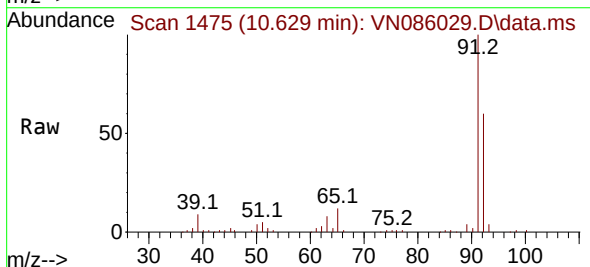
Manual Integrations
APPROVED

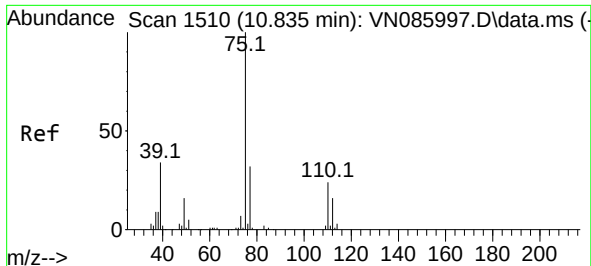
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#52
Toluene
Concen: 21.197 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 92 Resp: 97507
Ion Ratio Lower Upper
92 100
91 172.6 136.2 204.4





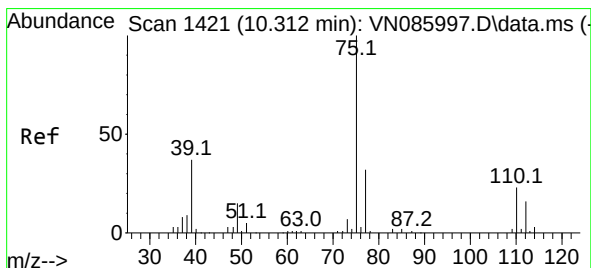
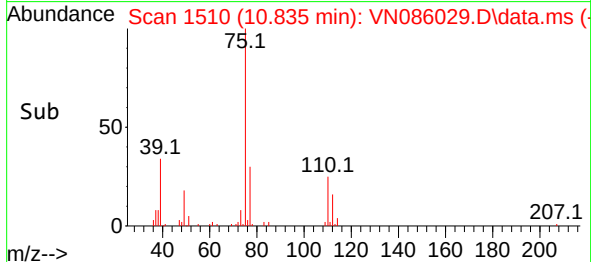
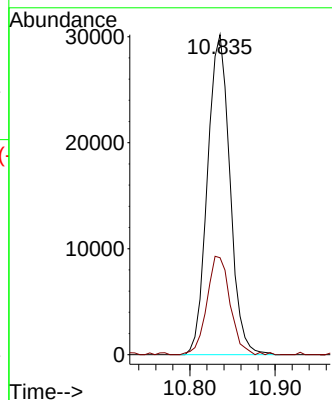
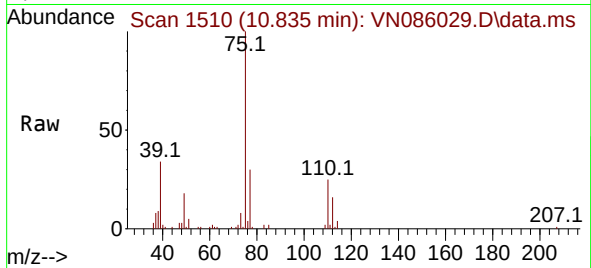
#53
t-1,3-Dichloropropene
Concen: 20.285 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 75 Resp: 5519
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9

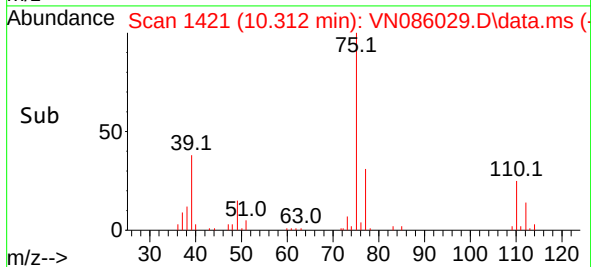
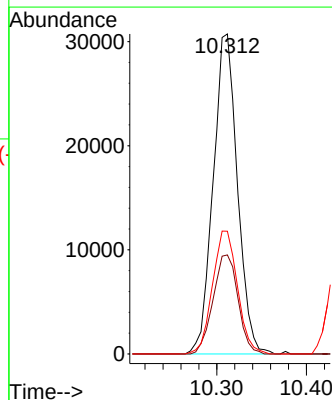
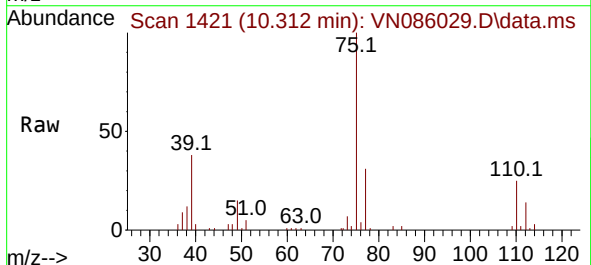
Manual Integrations
APPROVED

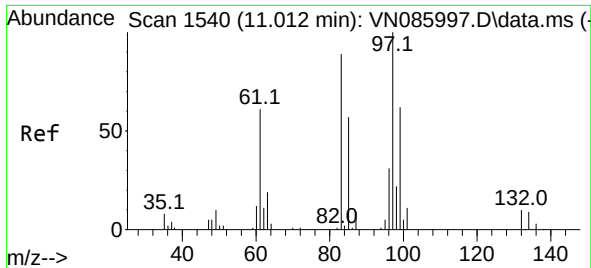
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#54
cis-1,3-Dichloropropene
Concen: 20.055 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

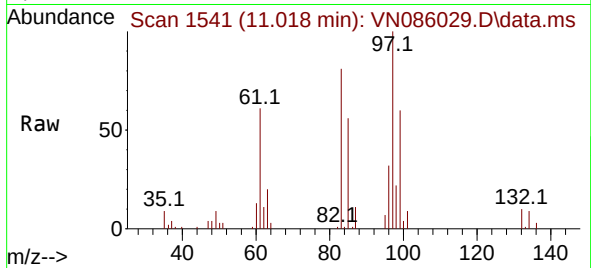
Tgt Ion: 75 Resp: 57578
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 38.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 21.820 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

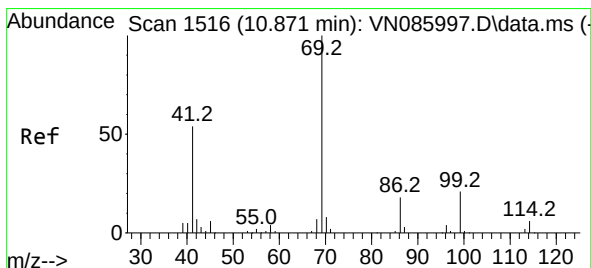
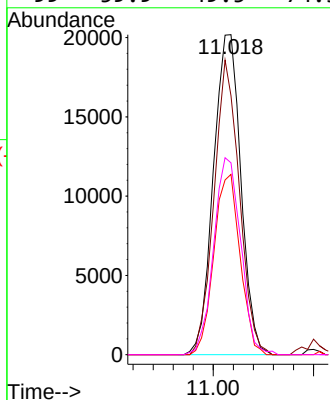
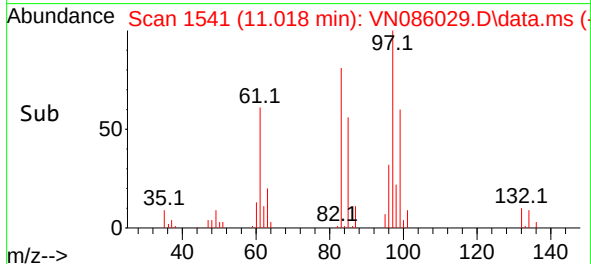
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



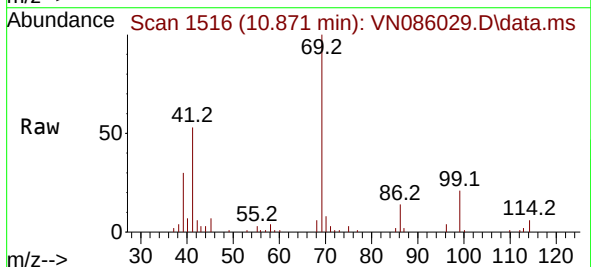
Tgt Ion: 97 Resp: 3831
Ion Ratio Lower Upper
97 100
83 80.9 71.2 106.8
85 56.3 45.4 68.0
99 59.9 49.5 74.3

Manual Integrations
APPROVED

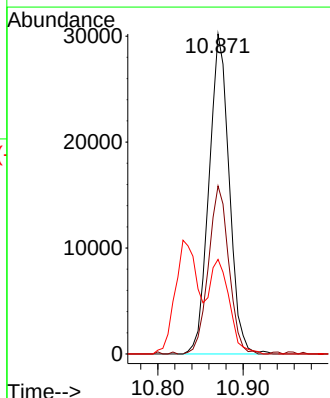
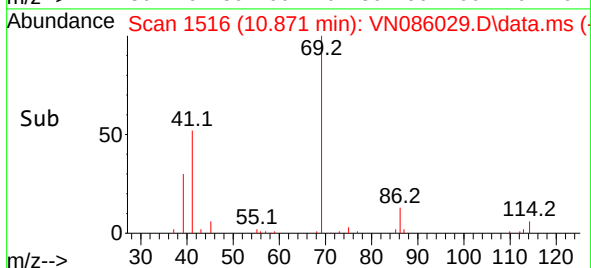
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

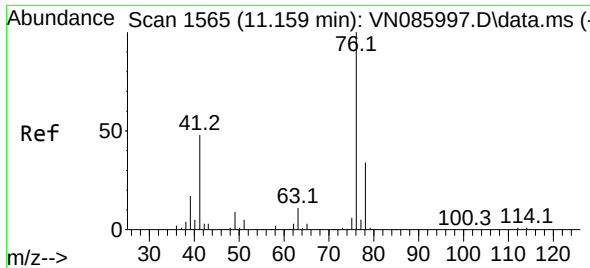


#56
Ethyl methacrylate
Concen: 20.666 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



Tgt Ion: 69 Resp: 49757
Ion Ratio Lower Upper
69 100
41 52.9 41.6 62.4
39 29.6 21.8 32.8





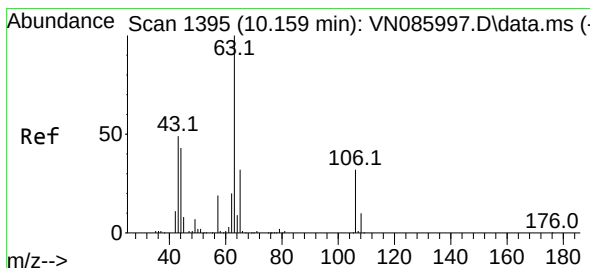
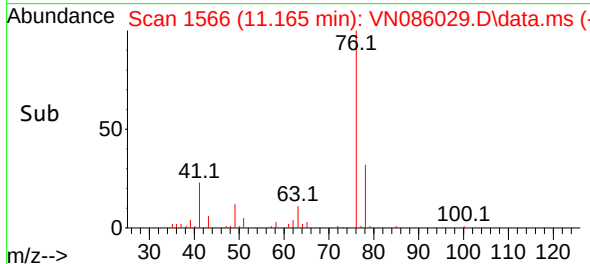
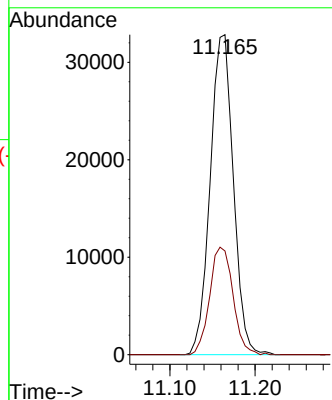
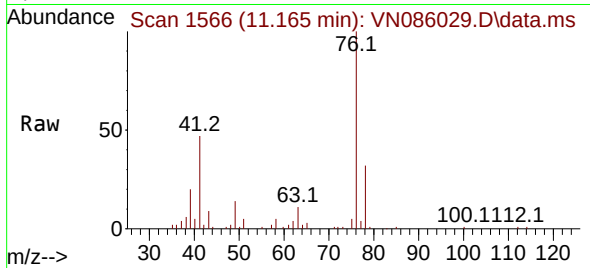
#57
1,3-Dichloropropane
Concen: 20.774 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 76 Resp: 61949
Ion Ratio Lower Upper
76 100
78 33.9 25.8 38.6

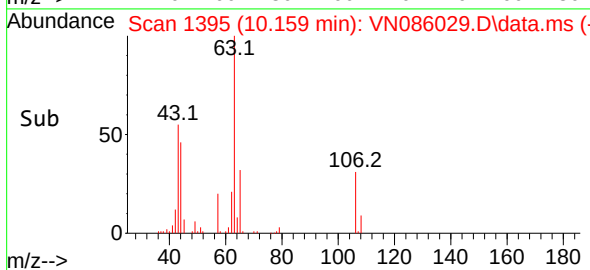
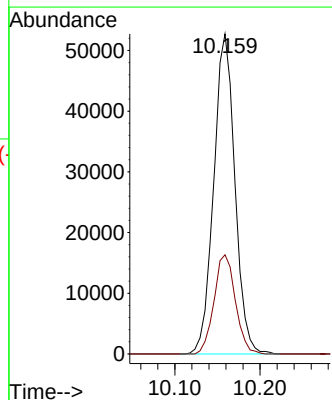
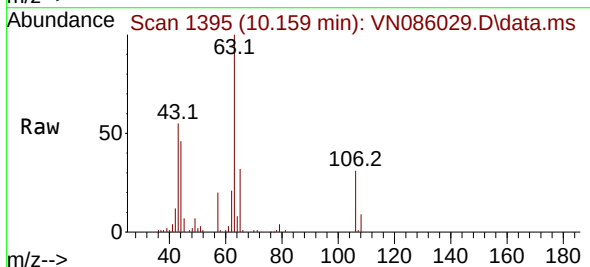
Manual Integrations
APPROVED

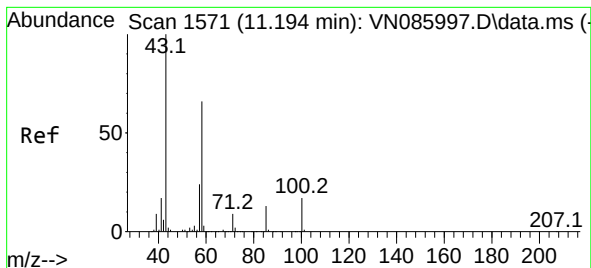
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 100.437 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

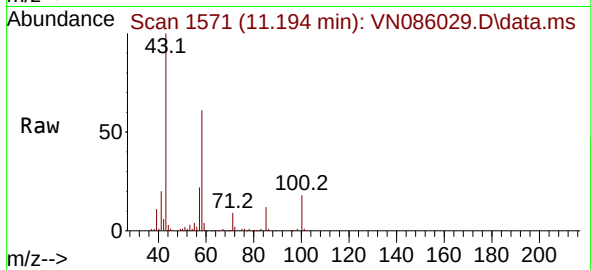
Tgt Ion: 63 Resp: 90936
Ion Ratio Lower Upper
63 100
106 31.2 25.0 37.6





#59
2-Hexanone
Concen: 98.355 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

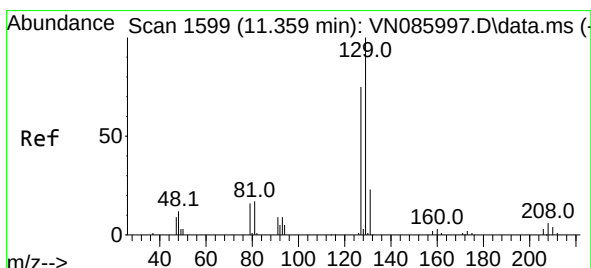
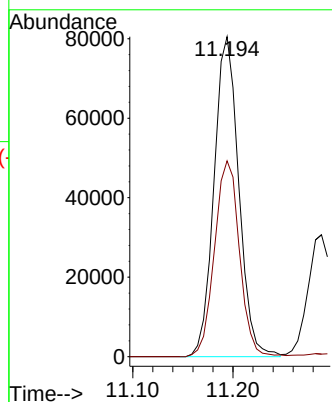
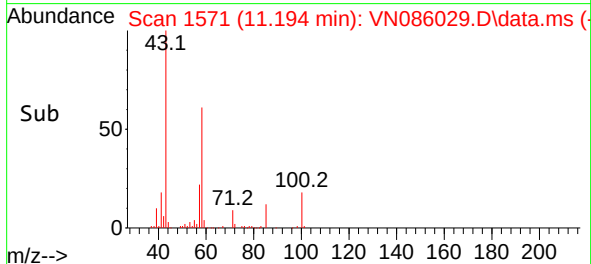
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 43 Resp: 137925
Ion Ratio Lower Upper
43 100
58 61.8 32.4 97.2

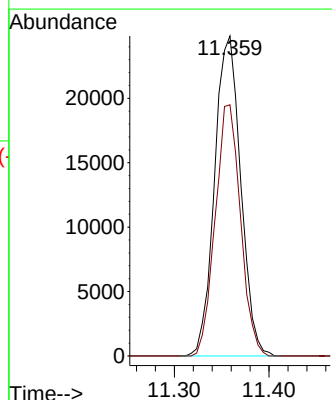
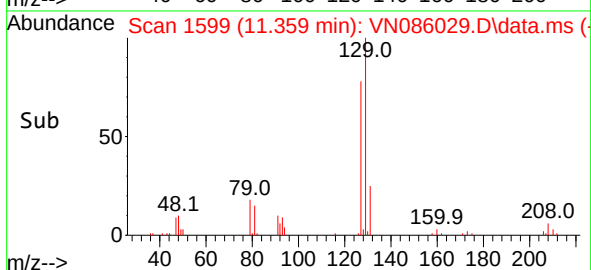
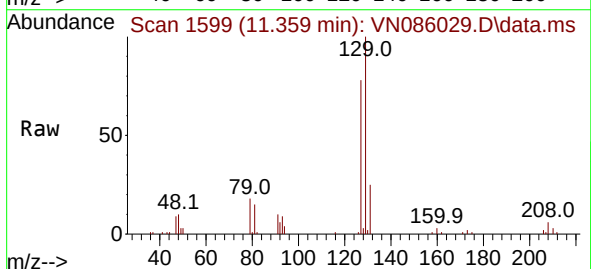
Manual Integrations
APPROVED

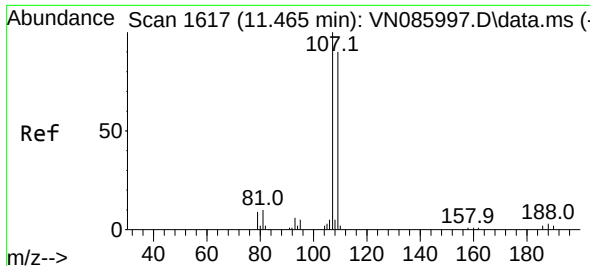
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#60
Dibromochloromethane
Concen: 21.016 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:129 Resp: 47613
Ion Ratio Lower Upper
129 100
127 75.9 37.8 113.4





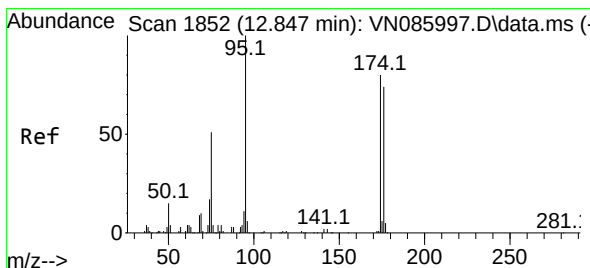
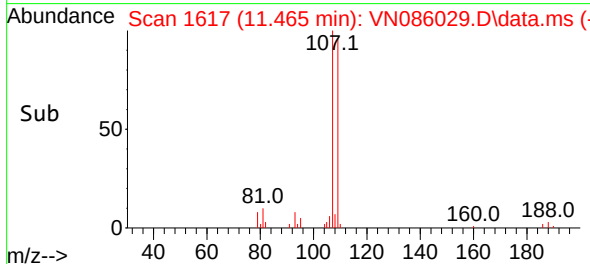
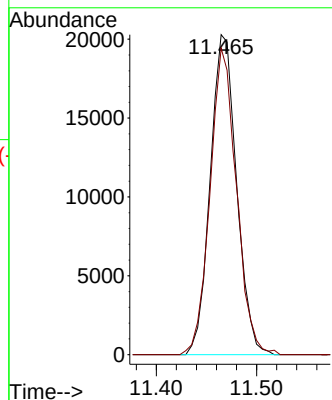
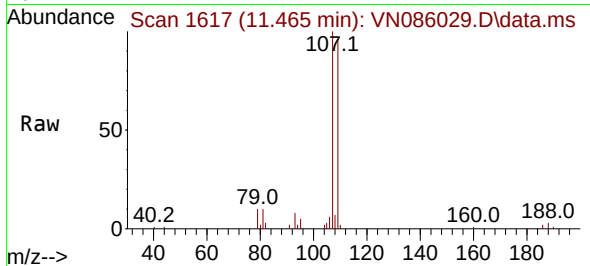
#61
1,2-Dibromoethane
Concen: 20.543 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion:107 Resp: 37028
Ion Ratio Lower Upper
107 100
109 95.8 73.3 109.9

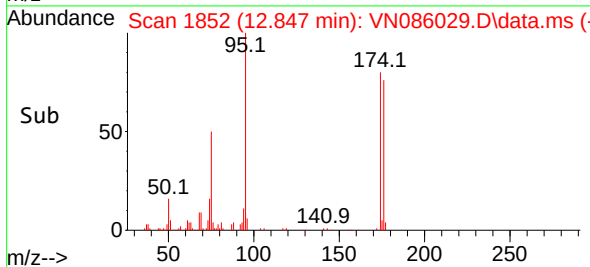
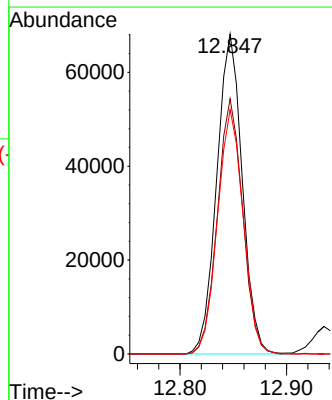
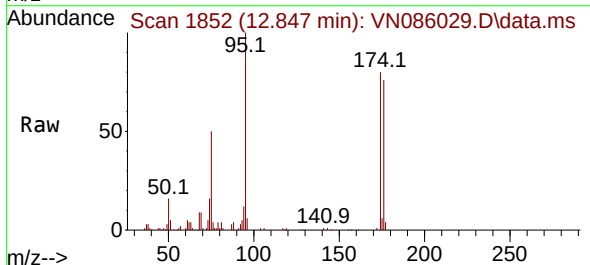
Manual Integrations
APPROVED

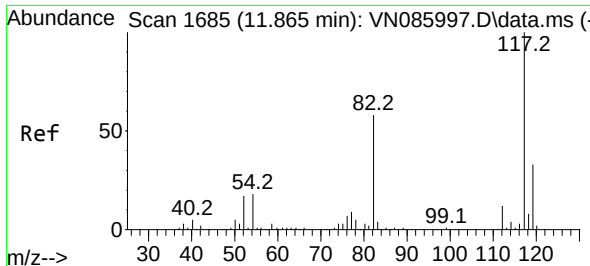
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#62
4-Bromofluorobenzene
Concen: 48.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

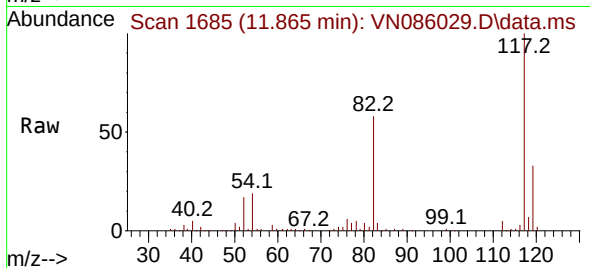
Tgt Ion: 95 Resp: 113025
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.8
176 77.0 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

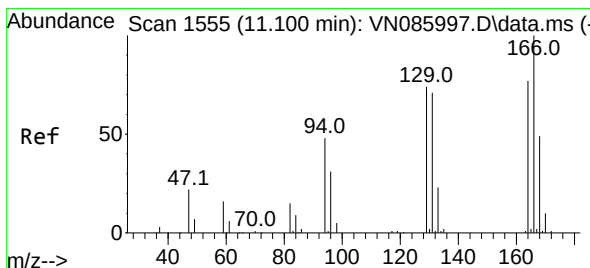
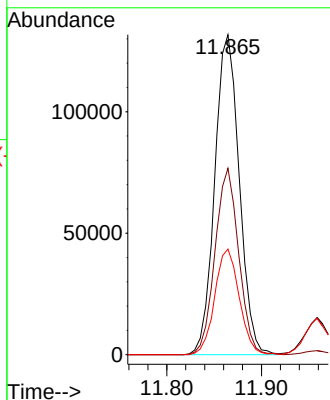
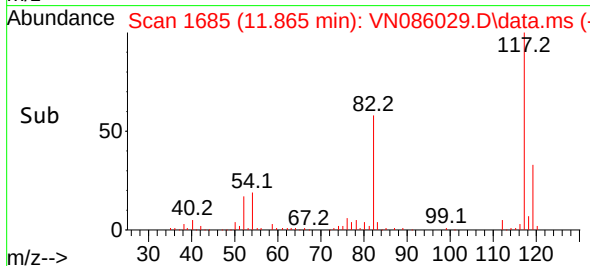
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



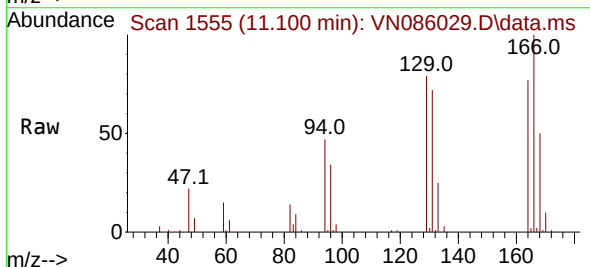
Tgt Ion:117 Resp: 23708
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 33.0 26.5 39.7

Manual Integrations
APPROVED

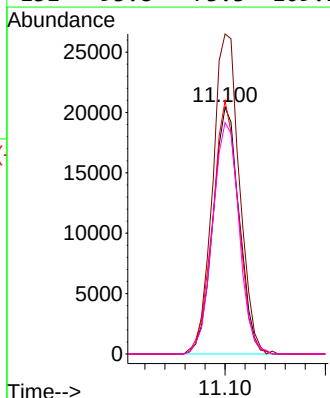
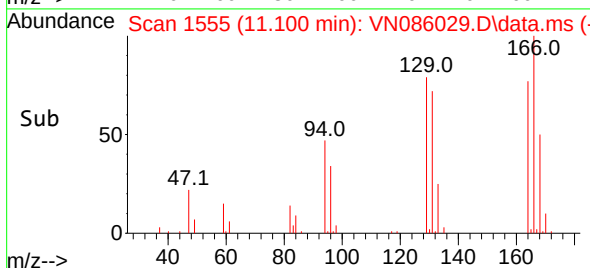
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

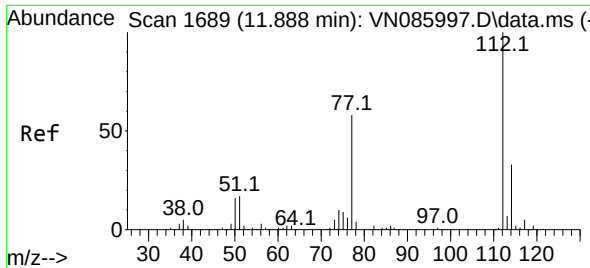


#64
Tetrachloroethene
Concen: 19.556 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



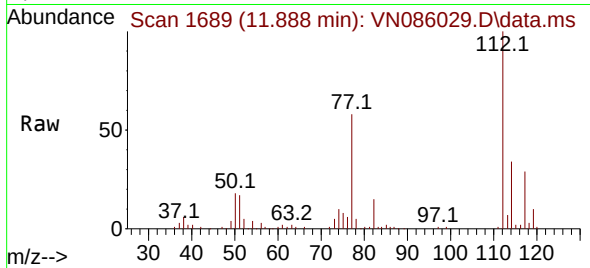
Tgt Ion:164 Resp: 36985
Ion Ratio Lower Upper
164 100
166 129.7 103.7 155.5
129 102.7 77.1 115.7
131 93.8 73.3 109.9





#65
Chlorobenzene
Concen: 19.513 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

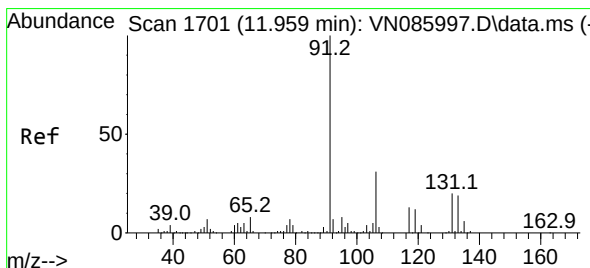
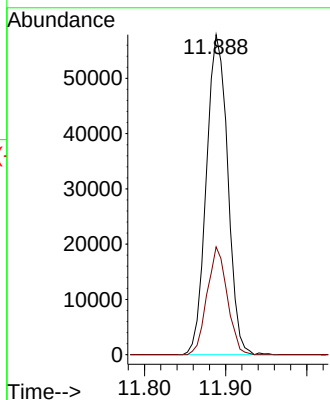
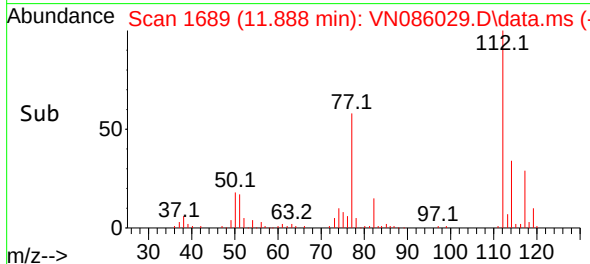
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



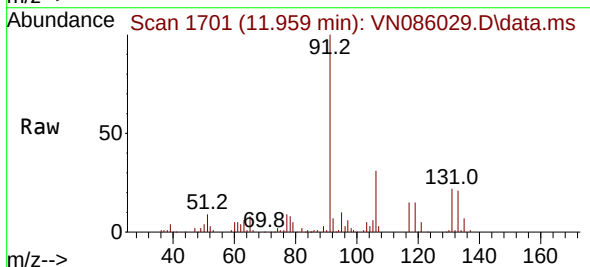
Tgt Ion:112 Resp: 105860
Ion Ratio Lower Upper
112 100
114 33.7 26.3 39.5

Manual Integrations
APPROVED

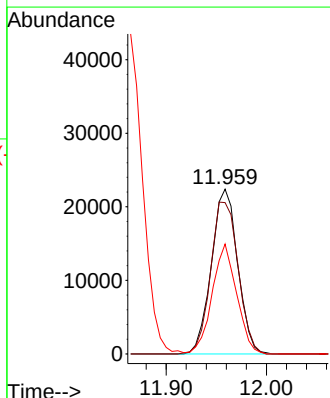
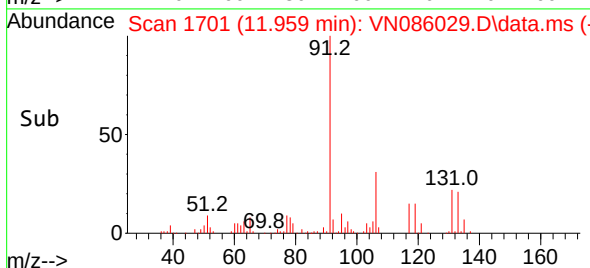
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

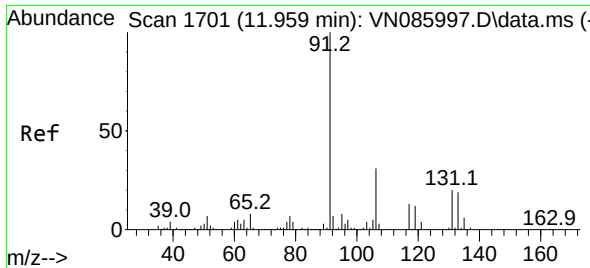


#66
1,1,1,2-Tetrachloroethane
Concen: 20.182 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



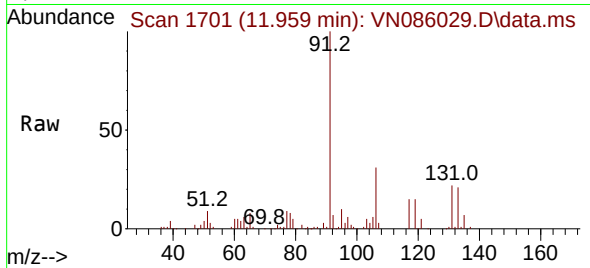
Tgt Ion:131 Resp: 40700
Ion Ratio Lower Upper
131 100
133 96.9 47.0 141.0
119 62.4 31.4 94.0





#67
Ethyl Benzene
Concen: 19.573 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

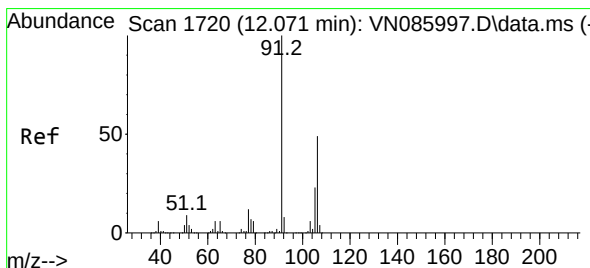
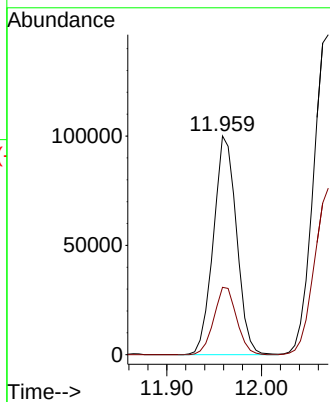
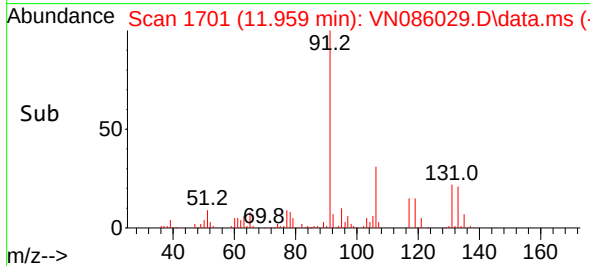
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 91 Resp: 169858
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

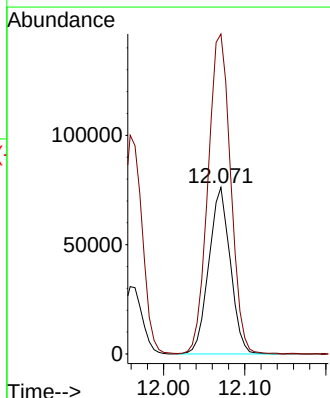
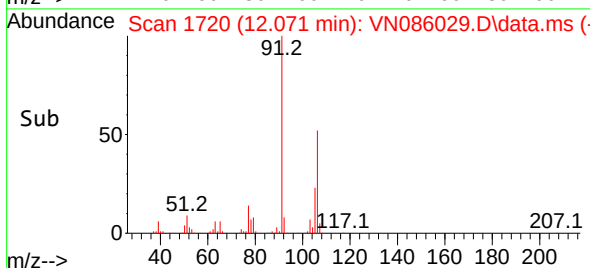
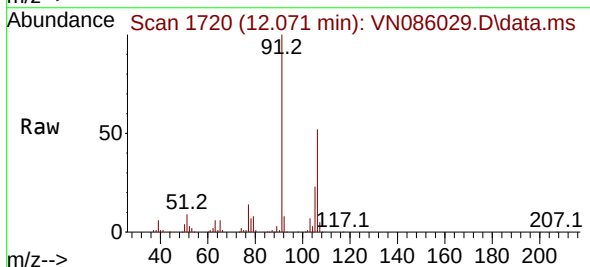
Manual Integrations
APPROVED

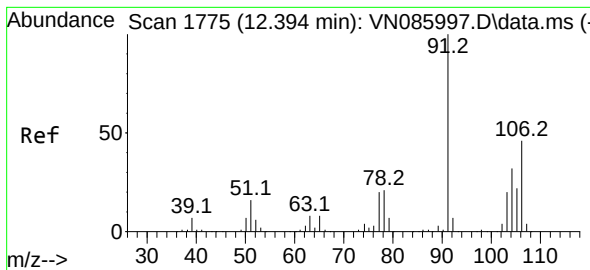
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#68
m/p-Xylenes
Concen: 40.966 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:106 Resp: 139730
Ion Ratio Lower Upper
106 100
91 203.4 163.9 245.9





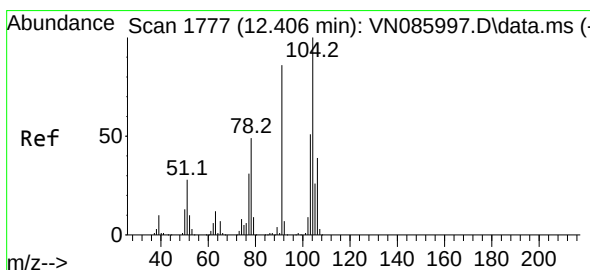
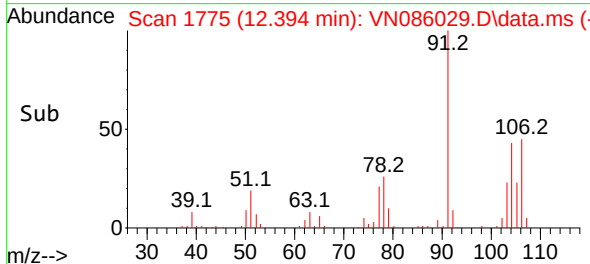
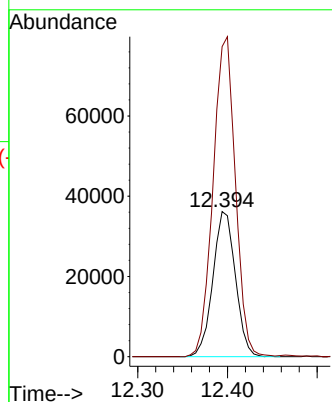
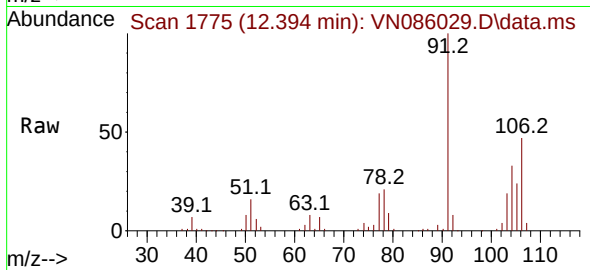
#69
o-Xylene
Concen: 20.133 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion:106 Resp: 63020
Ion Ratio Lower Upper
106 100
91 218.6 109.1 327.2

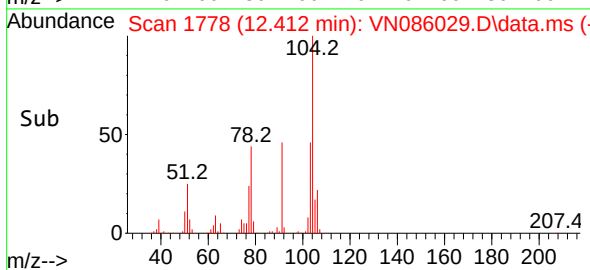
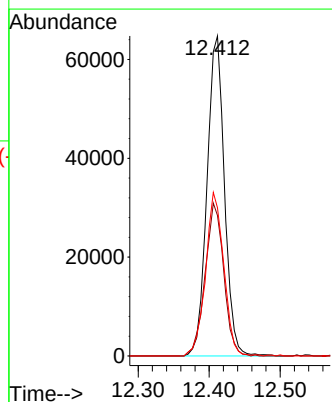
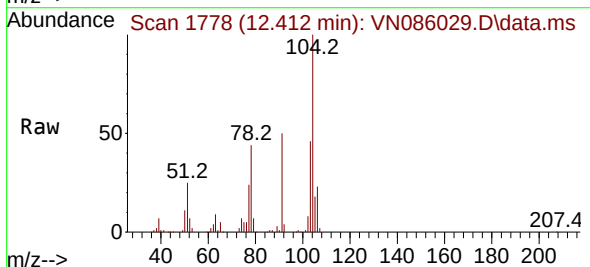
Manual Integrations
APPROVED

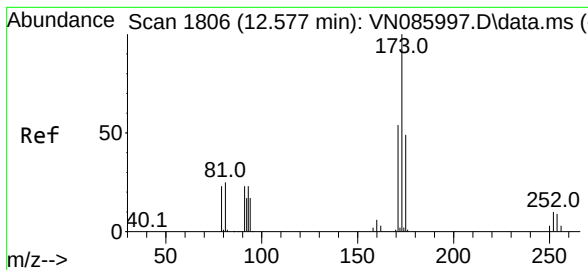
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#70
Styrene
Concen: 20.709 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

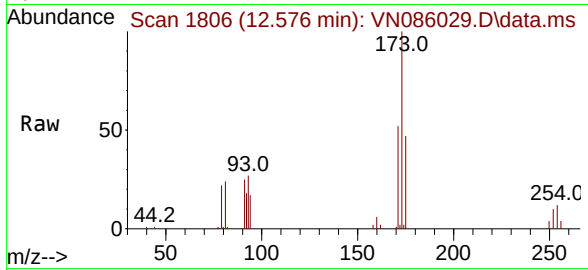
Tgt Ion:104 Resp: 110733
Ion Ratio Lower Upper
104 100
78 50.8 41.4 62.2
103 53.3 42.9 64.3





#71
 Bromoform
 Concen: 20.032 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

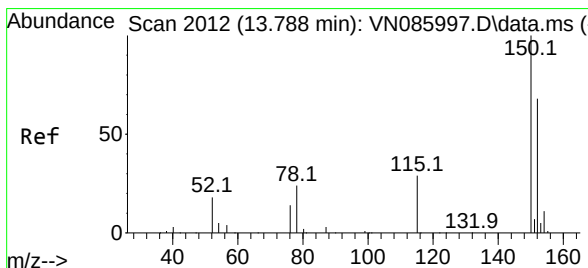
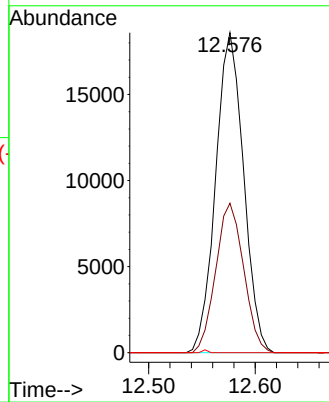
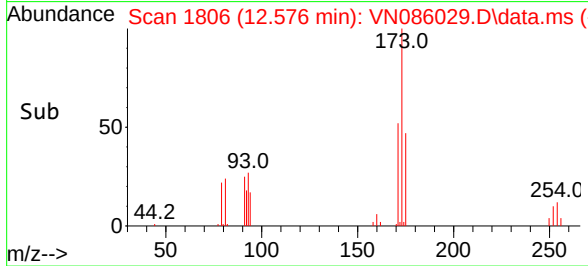
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01



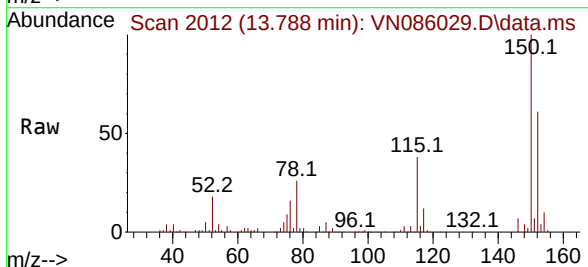
Tgt Ion:173 Resp: 33772
 Ion Ratio Lower Upper
 173 100
 175 46.7 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations
 APPROVED

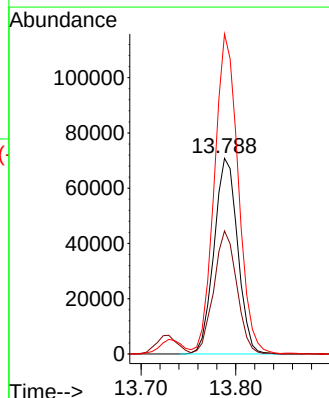
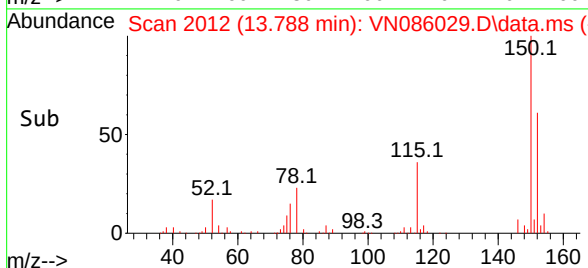
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

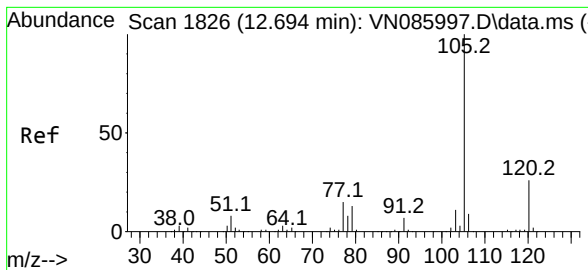


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09



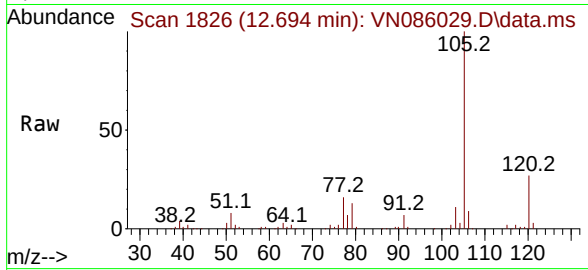
Tgt Ion:152 Resp: 122440
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.1 93.2
 150 165.5 0.0 359.6





#73
Isopropylbenzene
Concen: 18.464 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

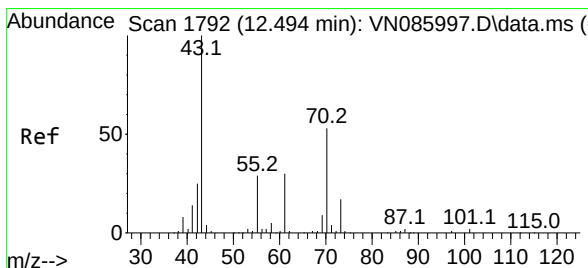
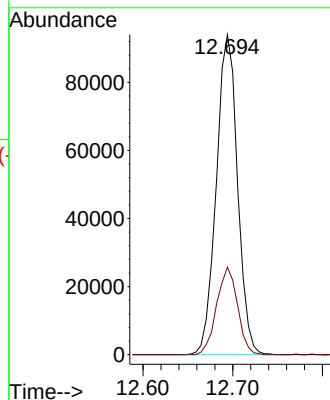
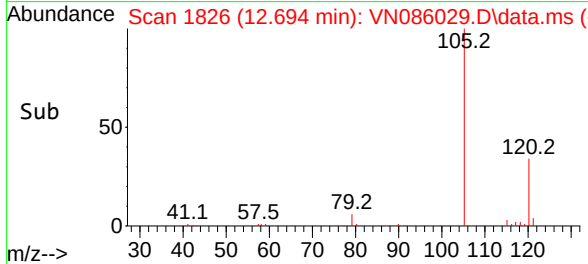
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:105 Resp: 15438
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

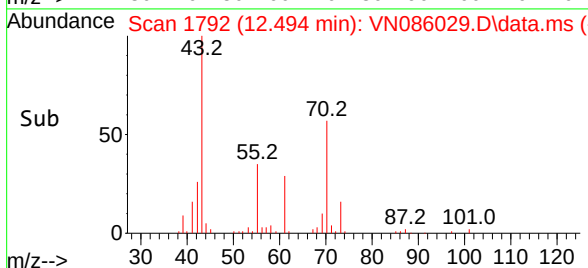
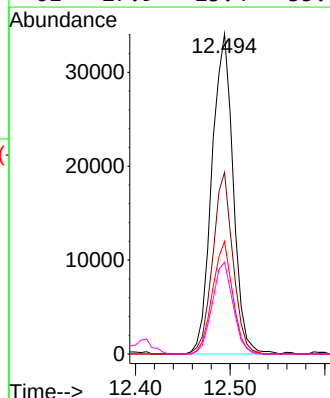
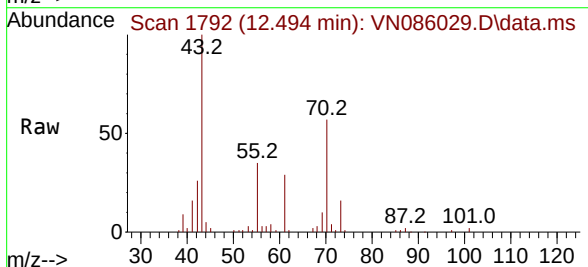
Manual Integrations
APPROVED

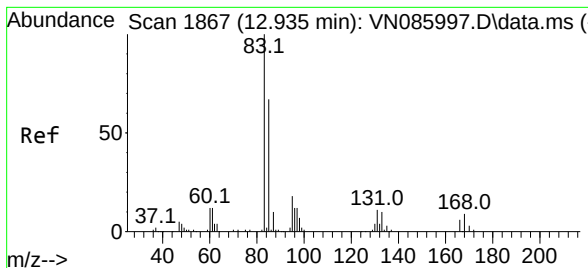
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#74
N-ethyl acetate
Concen: 19.021 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 43 Resp: 53210
Ion Ratio Lower Upper
43 100
70 53.8 43.0 64.4
55 33.3 23.8 35.8
61 27.9 23.4 35.0





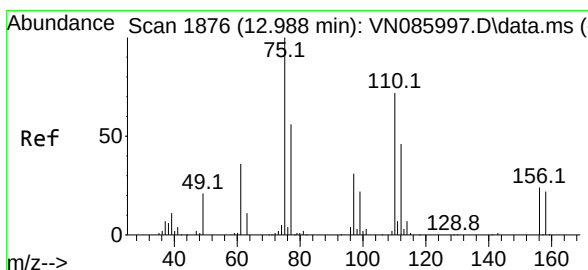
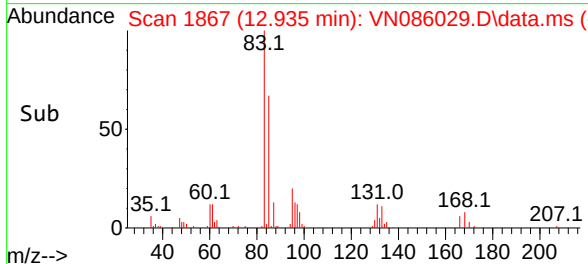
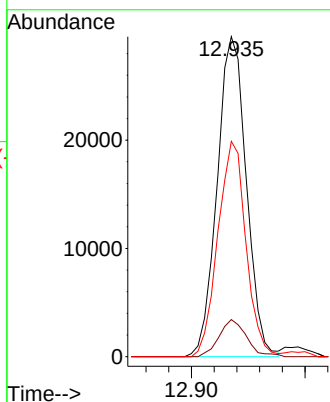
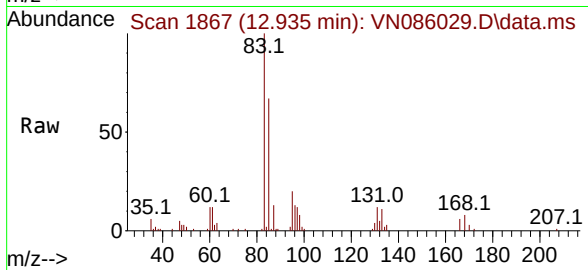
#75
1,1,2,2-Tetrachloroethane
Concen: 18.673 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 83 Resp: 5282
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.5
85 64.6 32.6 97.8

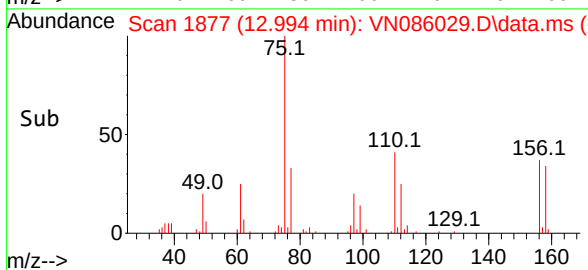
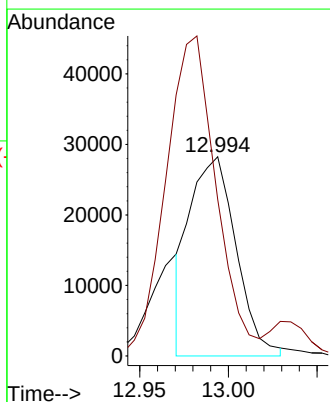
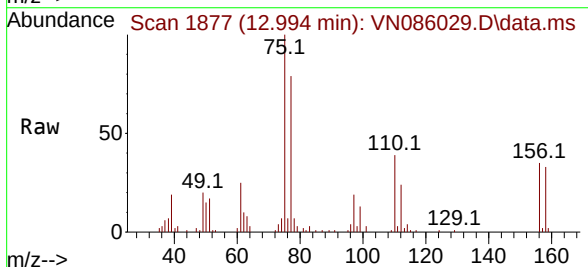
Manual Integrations
APPROVED

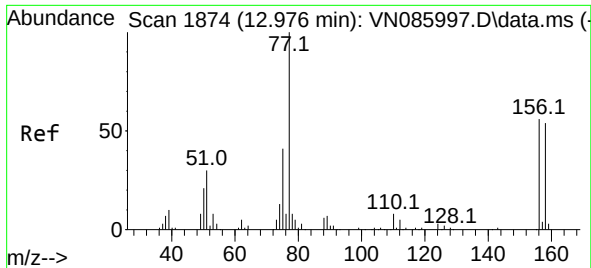
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#76
1,2,3-Trichloropropane
Concen: 18.701 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

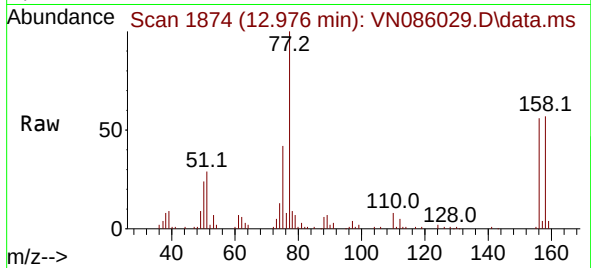
Tgt Ion: 75 Resp: 51264
Ion Ratio Lower Upper
75 100
77 174.4 83.7 251.0





#77
Bromobenzene
Concen: 18.529 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

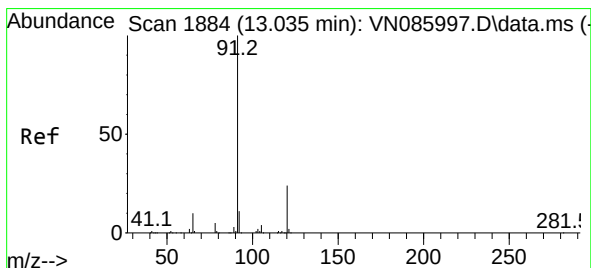
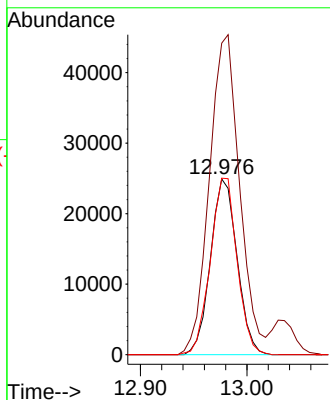
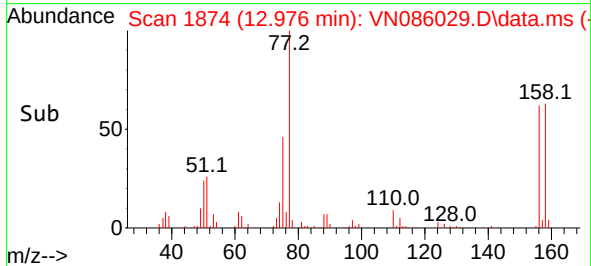
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:156 Resp: 43200
Ion Ratio Lower Upper
156 100
77 207.0 104.1 312.3
158 100.7 49.0 147.0

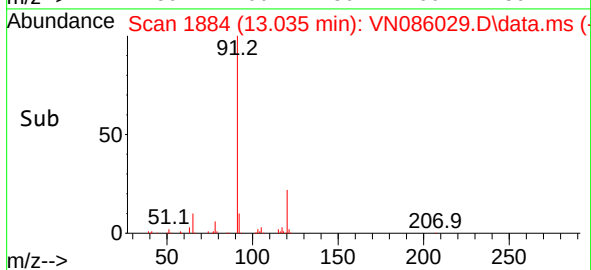
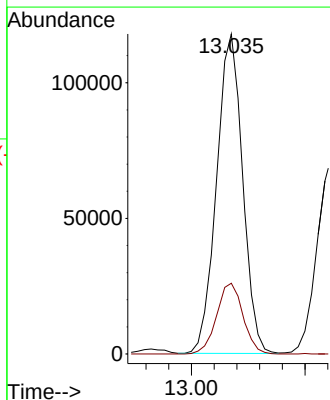
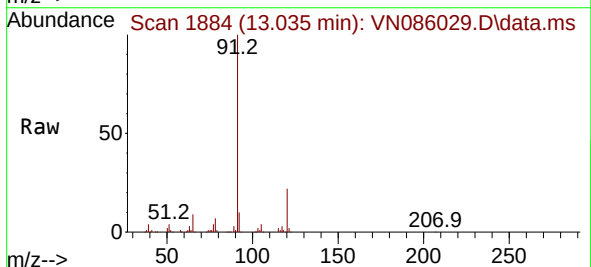
Manual Integrations
APPROVED

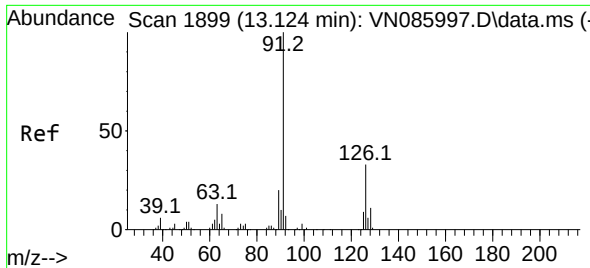
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#78
n-propylbenzene
Concen: 19.790 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 91 Resp: 187372
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0





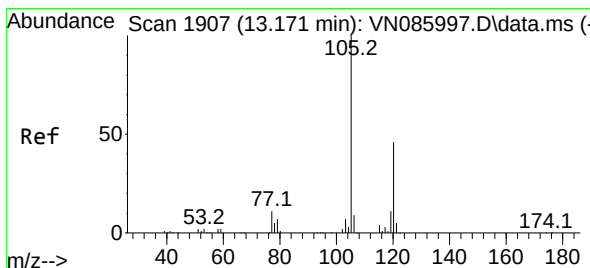
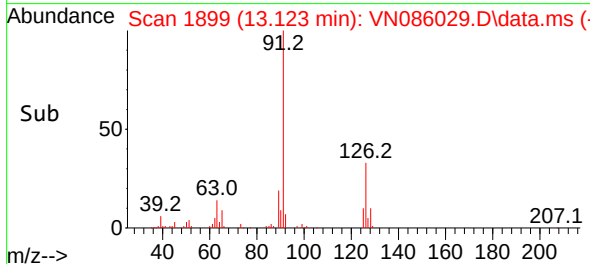
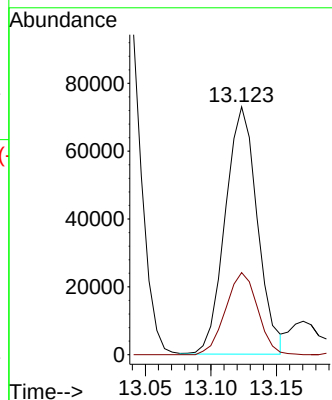
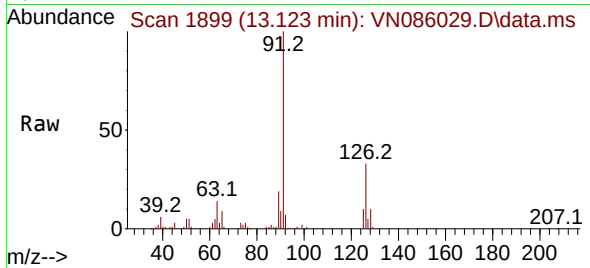
#79
2-Chlorotoluene
Concen: 19.825 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 91 Resp: 12467
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.2

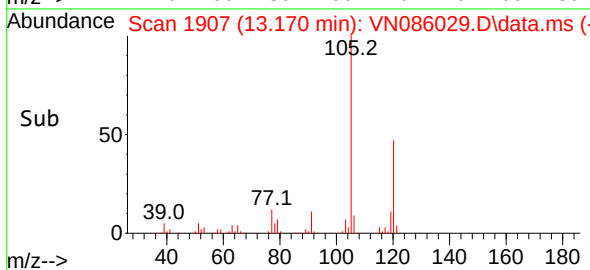
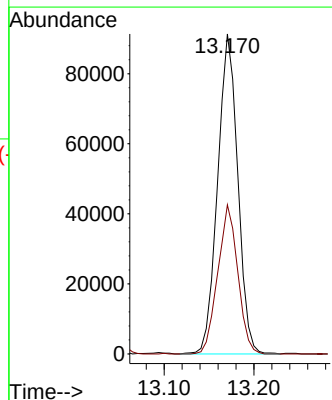
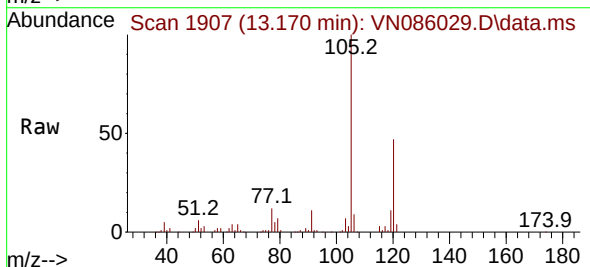
Manual Integrations
APPROVED

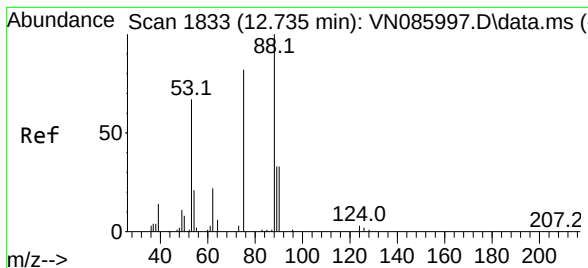
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.160 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

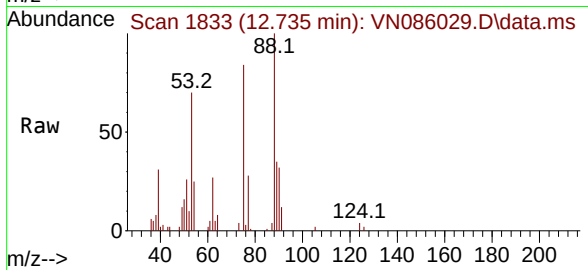
Tgt Ion:105 Resp: 142319
Ion Ratio Lower Upper
105 100
120 46.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.775 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

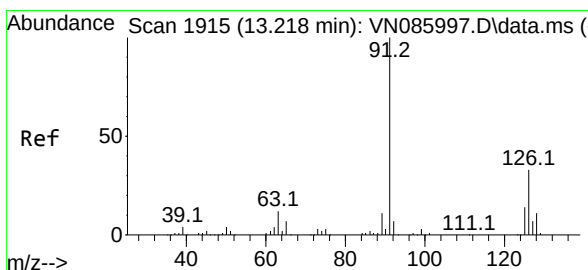
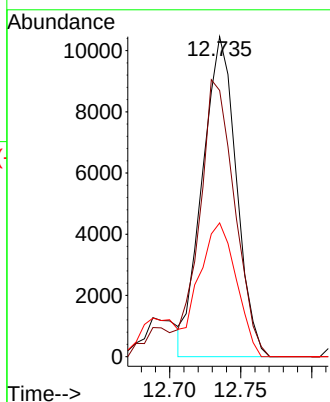
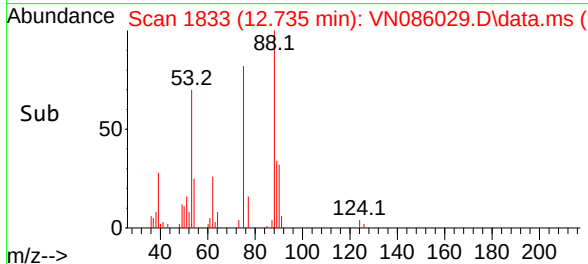
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



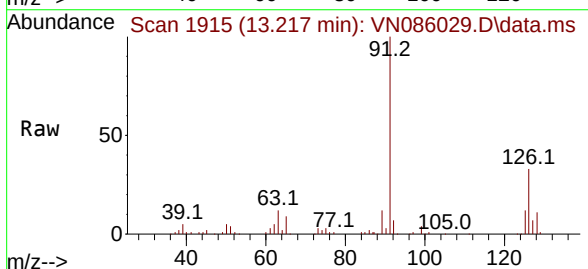
Tgt Ion: 75 Resp: 1739
Ion Ratio Lower Upper
75 100
53 97.3 66.0 99.0
89 46.0 36.9 55.3

Manual Integrations
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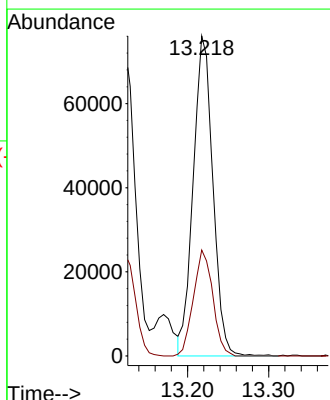
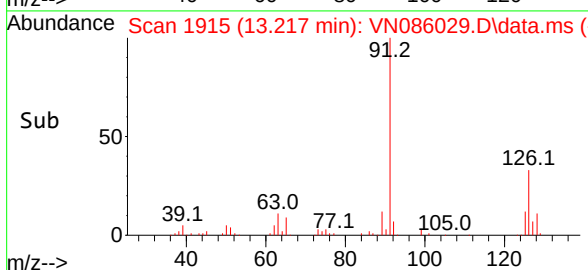
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

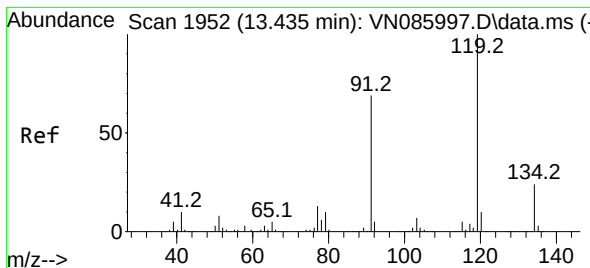


#82
4-Chlorotoluene
Concen: 19.842 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



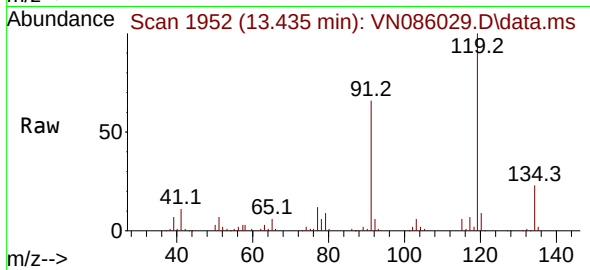
Tgt Ion: 91 Resp: 128318
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.161 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

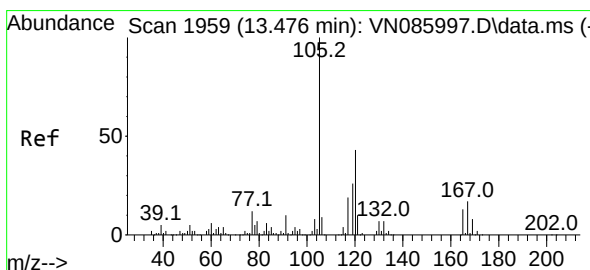
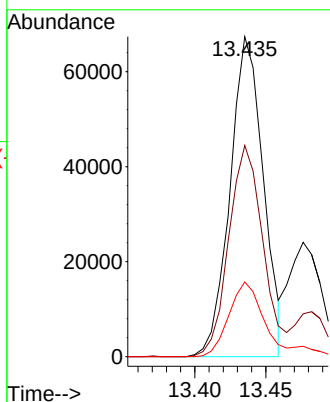
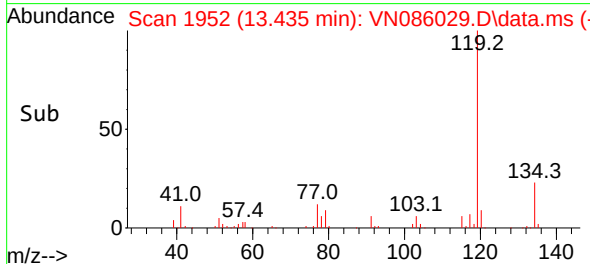
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



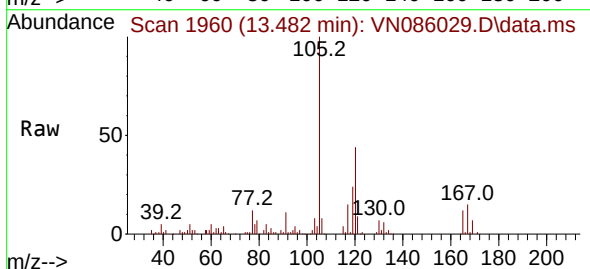
Tgt Ion:119 Resp: 109649
Ion Ratio Lower Upper
119 100
91 68.1 34.3 102.9
134 26.3 13.5 40.5

Manual Integrations
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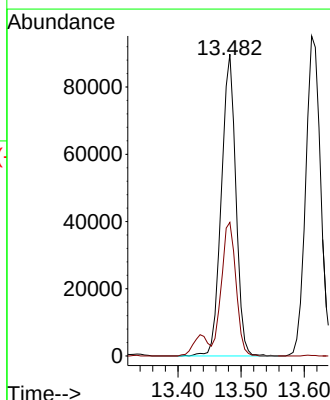
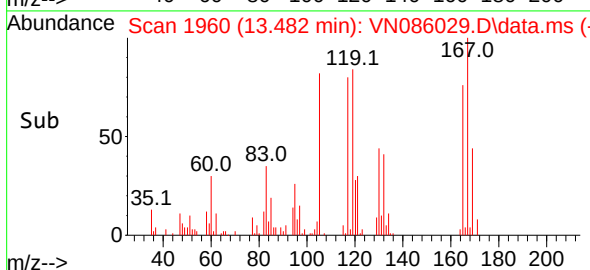
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

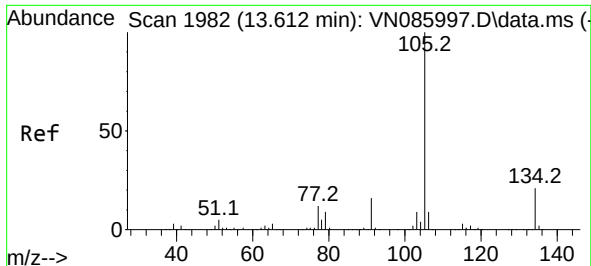


#84
1,2,4-Trimethylbenzene
Concen: 20.081 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09



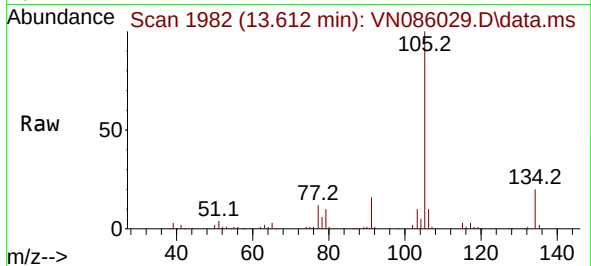
Tgt Ion:105 Resp: 142980
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 19.717 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

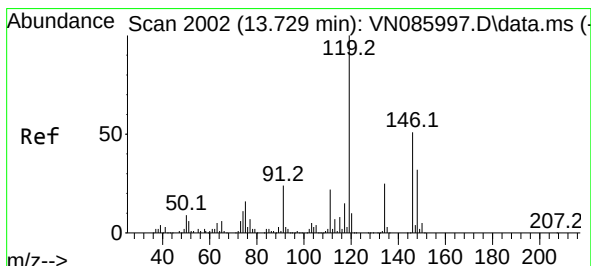
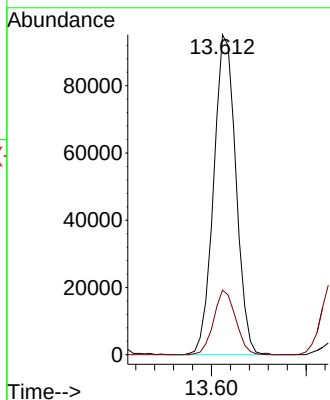
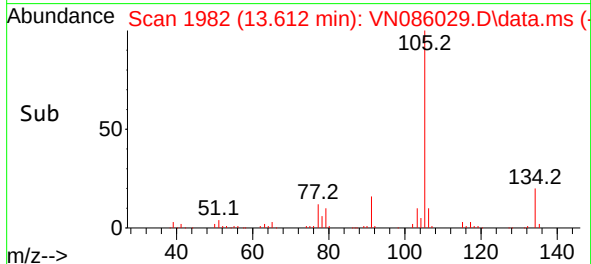
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01



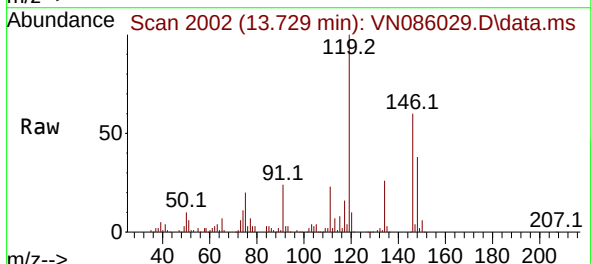
Tgt Ion:105 Resp: 155292
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
 APPROVED

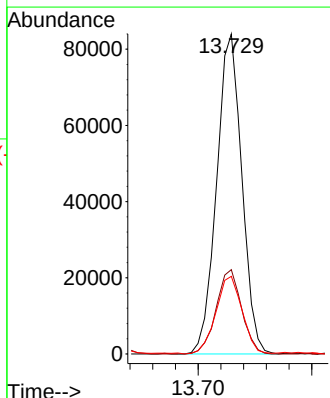
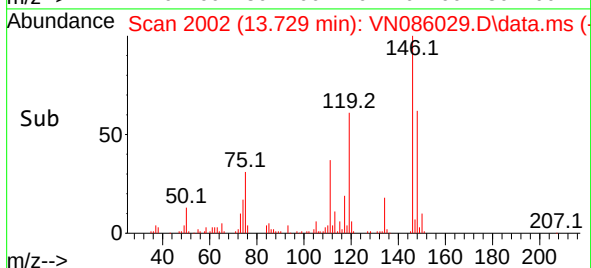
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

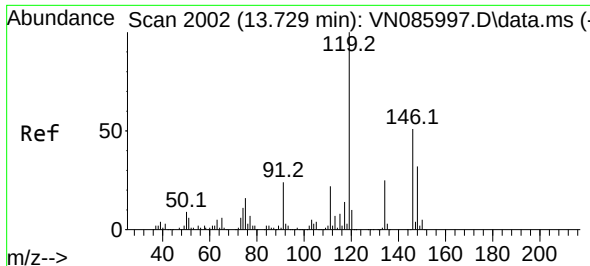


#86
 p-Isopropyltoluene
 Concen: 19.422 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09



Tgt Ion:119 Resp: 129493
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 25.3 12.3 36.8





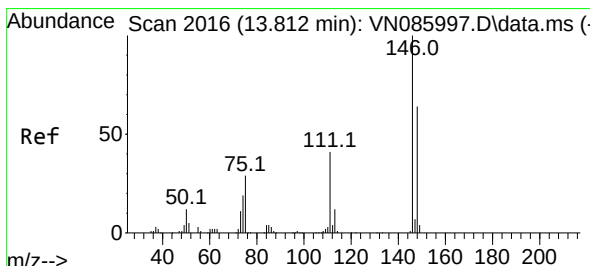
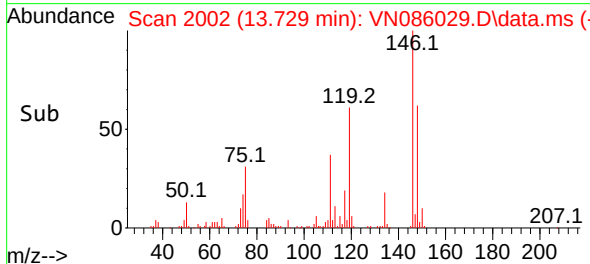
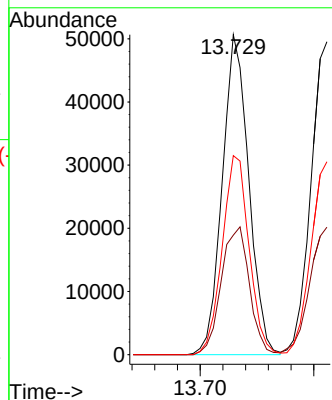
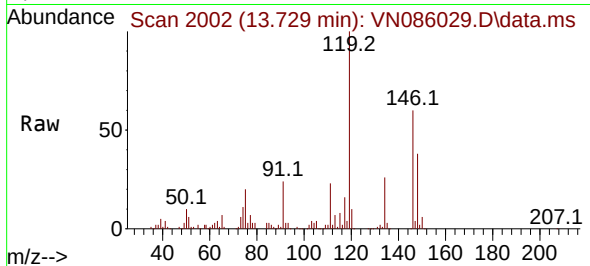
#87
1,3-Dichlorobenzene
Concen: 19.509 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion:146 Resp: 81980
Ion Ratio Lower Upper
146 100
111 42.5 21.2 63.6
148 63.2 31.8 95.4

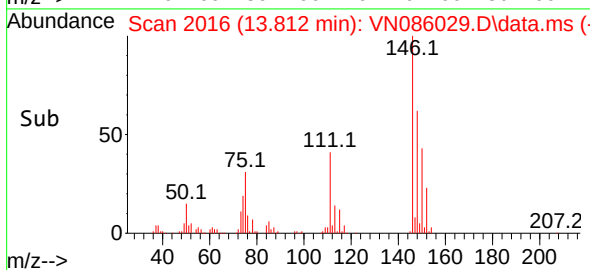
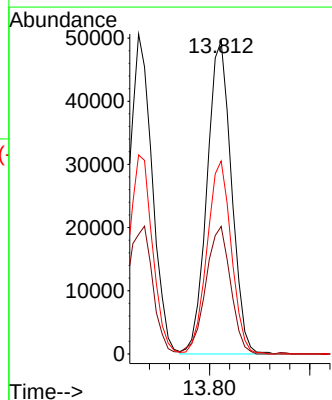
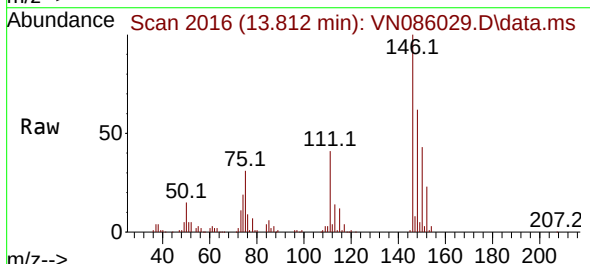
Manual Integrations
APPROVED

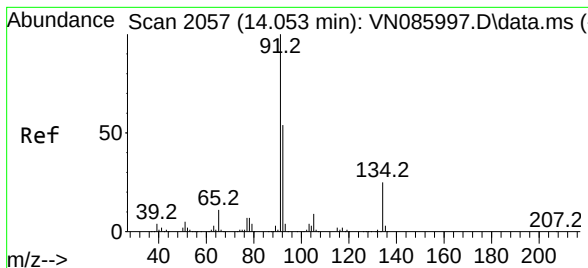
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#88
1,4-Dichlorobenzene
Concen: 18.964 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:146 Resp: 83732
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 61.3 32.1 96.5





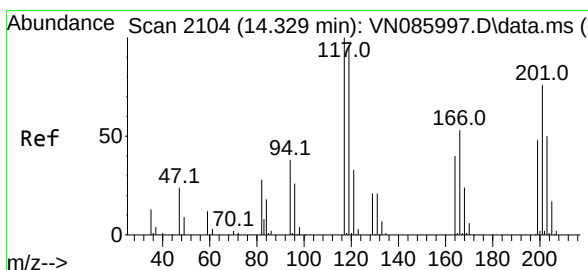
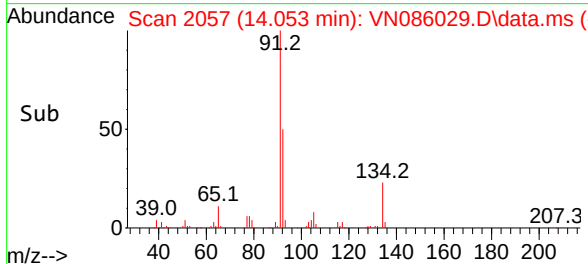
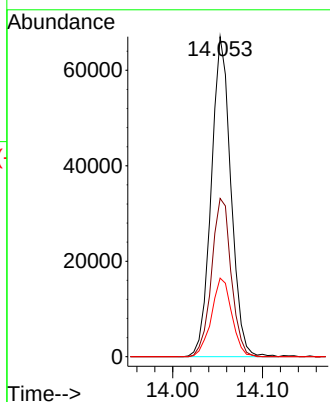
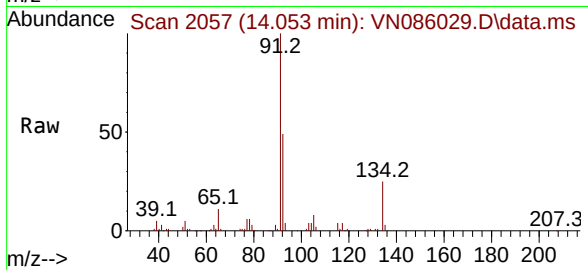
#89
n-Butylbenzene
Concen: 18.748 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 91 Resp: 101792
Ion Ratio Lower Upper
91 100
92 49.5 26.9 80.6
134 25.4 13.0 39.0

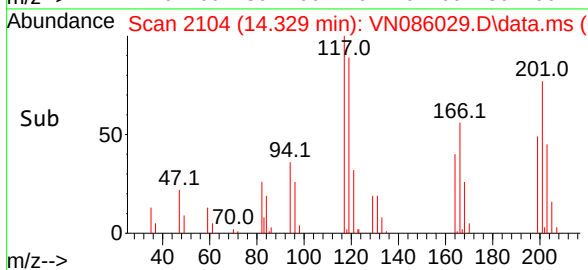
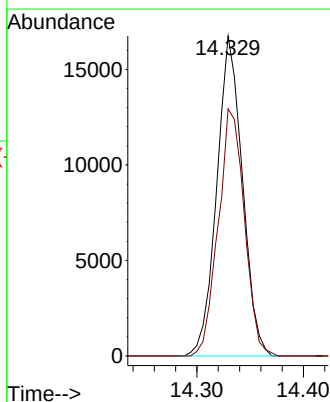
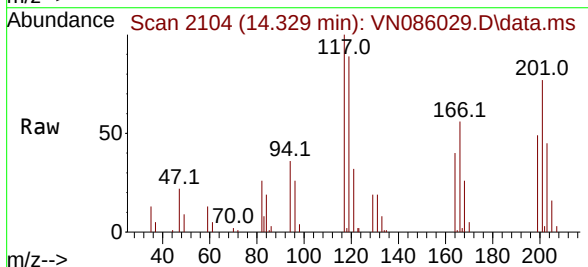
Manual Integrations
APPROVED

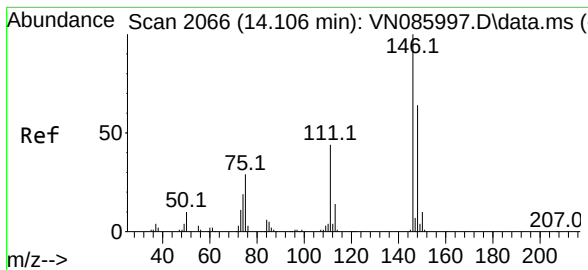
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#90
Hexachloroethane
Concen: 18.164 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:117 Resp: 27944
Ion Ratio Lower Upper
117 100
201 78.9 39.1 117.3





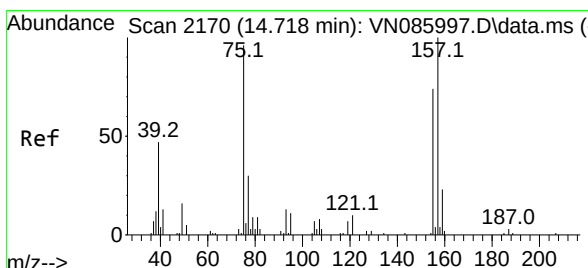
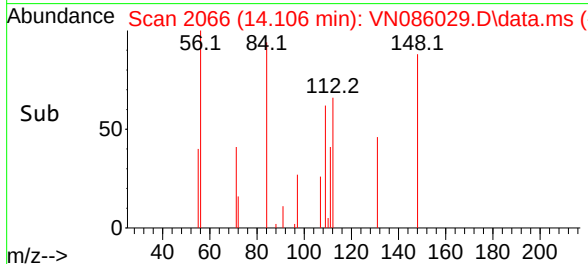
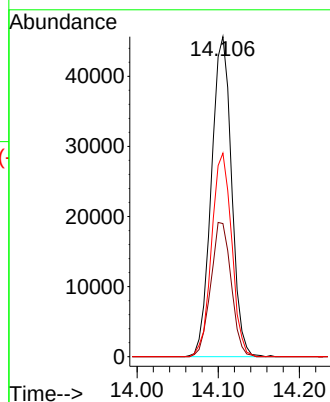
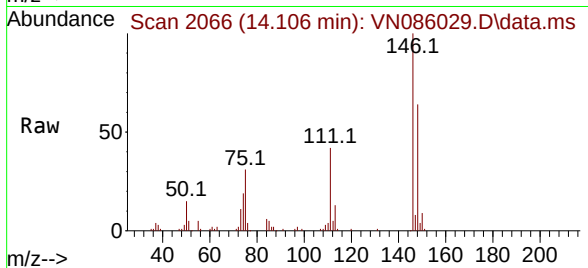
#91
1,2-Dichlorobenzene
Concen: 18.868 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion:146 Resp: 7882
Ion Ratio Lower Upper
146 100
111 42.4 22.3 66.8
148 63.1 32.1 96.5

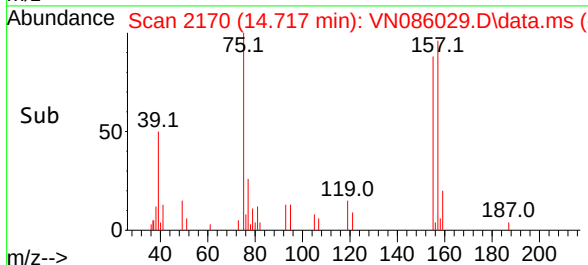
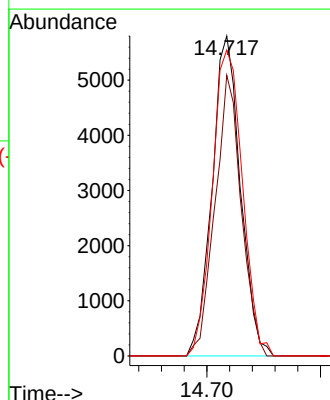
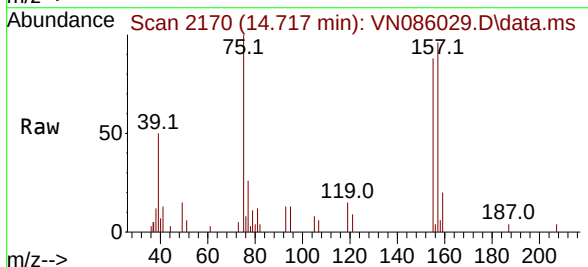
Manual Integrations
APPROVED

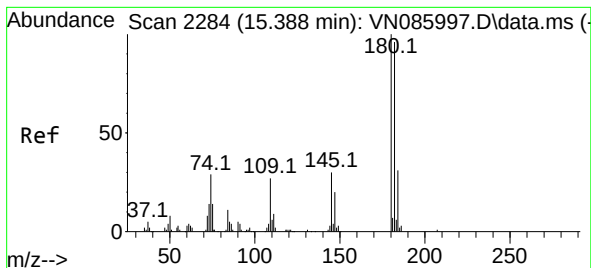
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.781 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 75 Resp: 10040
Ion Ratio Lower Upper
75 100
155 81.7 41.0 123.0
157 102.1 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 16.930 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

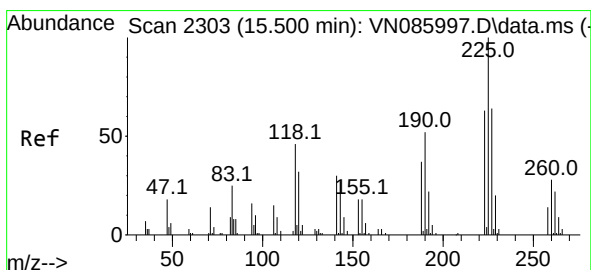
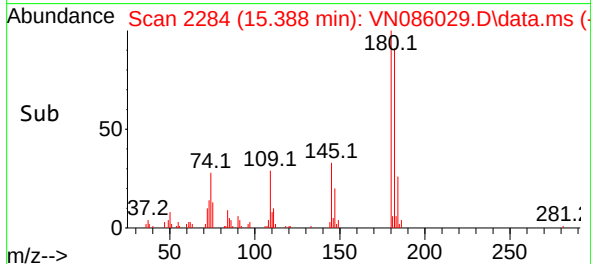
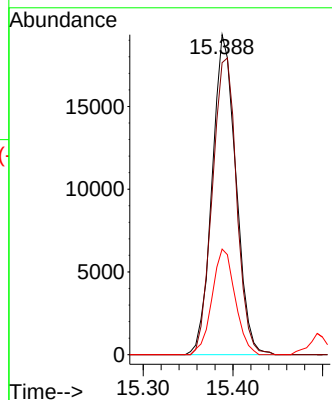
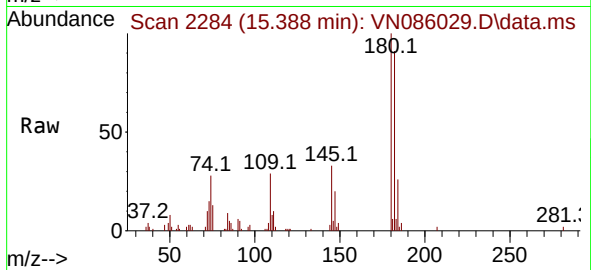
Tgt Ion:180	Resp:	3556
Ion Ratio	Lower	Upper
180	100	
182	94.4	47.0 141.0
145	32.1	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#94

Hexachlorobutadiene

Concen: 17.100 ug/l

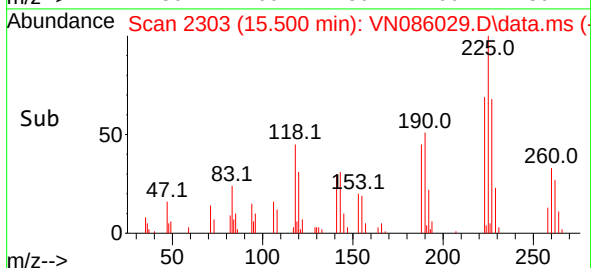
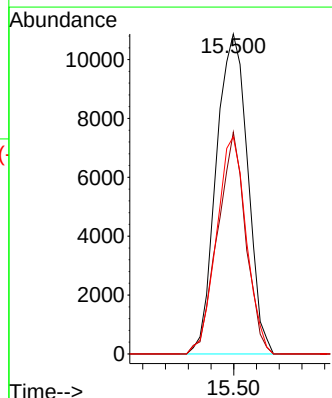
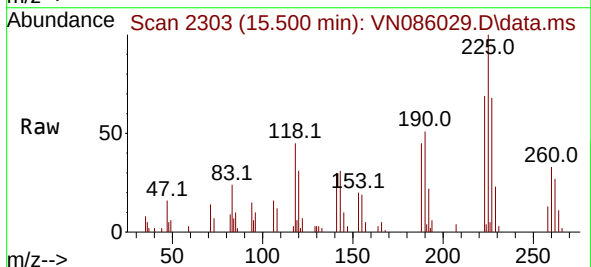
RT: 15.500 min Scan# 2303

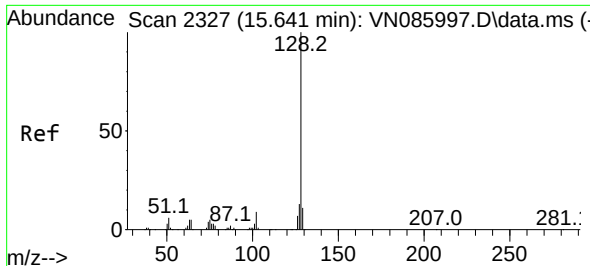
Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

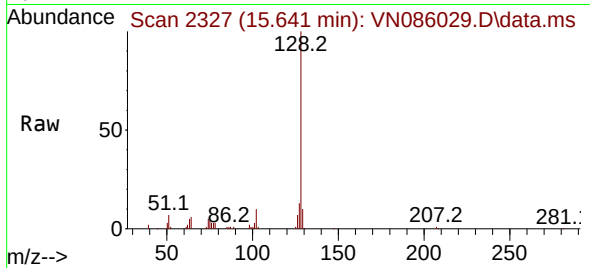
Tgt Ion:225	Resp:	20840
Ion Ratio	Lower	Upper
225	100	
223	62.1	31.3 93.9
227	64.5	32.1 96.3





#95
Naphthalene
Concen: 15.174 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

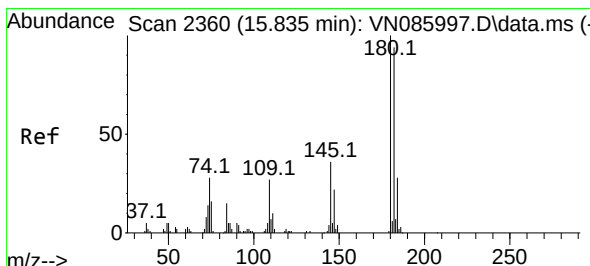
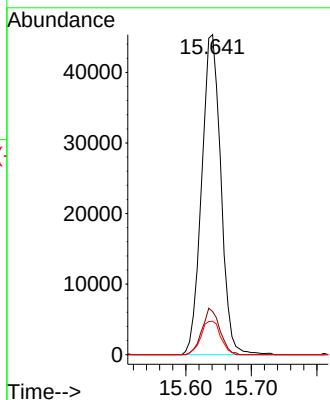
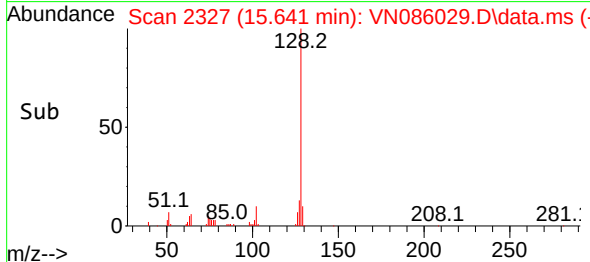
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:128 Resp: 92290
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.802 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:180 Resp: 35483
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 33.9 17.7 53.1

