

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086000.D
 Acq On : 18 Mar 2025 13:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 19 02:56:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	12074	5.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.760%#		
35) Dibromofluoromethane	8.165	113	9983	5.274	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.540%#		
50) Toluene-d8	10.565	98	32999	4.803	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.600%#		
62) 4-Bromofluorobenzene	12.847	95	10615	4.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.660%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	11420	5.263	ug/l	92
3) Chloromethane	2.359	50	10021	5.268	ug/l	99
4) Vinyl Chloride	2.506	62	10389	5.341	ug/l	100
5) Bromomethane	2.942	94	7641	5.767	ug/l	94
6) Chloroethane	3.106	64	6607	5.384	ug/l	94
7) Trichlorofluoromethane	3.489	101	18136	5.187	ug/l	94
8) Diethyl Ether	3.965	74	5061	4.728	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	9669	5.203	ug/l	97
10) Methyl Iodide	4.589	142	12547	5.181	ug/l	94
11) Tert butyl alcohol	5.518	59	8843	27.847	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	9006	5.367	ug/l	91
13) Acrolein	4.183	56	9429	27.839	ug/l	97
14) Allyl chloride	5.018	41	11201	5.350	ug/l	95
15) Acrylonitrile	5.724	53	22174	26.440	ug/l	98
16) Acetone	4.436	43	17456	25.474	ug/l	96
17) Carbon Disulfide	4.706	76	28904	5.237	ug/l	98
18) Methyl Acetate	5.024	43	8878	5.237	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	26823	4.878	ug/l	94
20) Methylene Chloride	5.277	84	10471	5.223	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	9241	5.039	ug/l	85
22) Diisopropyl ether	6.671	45	22716	5.092	ug/l	91
23) Vinyl Acetate	6.606	43	83783	24.772	ug/l	98
24) 1,1-Dichloroethane	6.571	63	16897	5.151	ug/l	99
25) 2-Butanone	7.482	43	26095	26.392	ug/l	96
26) 2,2-Dichloropropane	7.488	77	16658	5.274	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	10741	5.154	ug/l	98
28) Bromochloromethane	7.812	49	7039	5.064	ug/l #	99
29) Tetrahydrofuran	7.847	42	16104	26.382	ug/l	97
30) Chloroform	7.965	83	18814	5.188	ug/l	95
31) Cyclohexane	8.247	56	15682	5.611	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	17962	5.233	ug/l	92
36) 1,1-Dichloropropene	8.365	75	12303	4.936	ug/l	96
37) Ethyl Acetate	7.565	43	11164	5.309	ug/l	98
38) Carbon Tetrachloride	8.359	117	16628	5.074	ug/l	99
39) Methylcyclohexane	9.600	83	11562	4.675	ug/l #	86
40) Benzene	8.606	78	39414	5.037	ug/l	98

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Instrument :
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 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	5095	5.074	ug/l	94
42) 1,2-Dichloroethane	8.671	62	14311	5.249	ug/l	97
43) Isopropyl Acetate	8.688	43	22794	4.992	ug/l #	87
44) Trichloroethene	9.353	130	10304	5.081	ug/l	93
45) 1,2-Dichloropropane	9.618	63	9026	5.071	ug/l	100
46) Dibromomethane	9.706	93	7270	5.194	ug/l	95
47) Bromodichloromethane	9.888	83	15203	5.197	ug/l	93
48) Methyl methacrylate	9.682	41	6970	4.635	ug/l	95
49) 1,4-Dioxane	9.700	88	3831	107.772	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	50081	24.920	ug/l	95
52) Toluene	10.629	92	23224	4.836	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	13594	4.785	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	14556	4.856	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	9178	5.007	ug/l	95
56) Ethyl methacrylate	10.870	69	11206	4.940	ug/l	93
57) 1,3-Dichloropropane	11.165	76	15126	4.858	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	25811	31.548	ug/l	100
59) 2-Hexanone	11.194	43	35455	24.217	ug/l	96
60) Dibromochloromethane	11.359	129	11813	4.994	ug/l	99
61) 1,2-Dibromoethane	11.465	107	9143	4.859	ug/l	90
64) Tetrachloroethene	11.106	164	9809	5.284	ug/l	93
65) Chlorobenzene	11.888	112	26908	5.053	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	10358	5.232	ug/l	96
67) Ethyl Benzene	11.965	91	40845	4.795	ug/l	99
68) m/p-Xylenes	12.065	106	30743	9.182	ug/l	98
69) o-Xylene	12.400	106	13604	4.427	ug/l	94
70) Styrene	12.406	104	24028	4.578	ug/l	99
71) Bromoform	12.570	173	8257	4.989	ug/l #	95
73) Isopropylbenzene	12.694	105	35476	4.780	ug/l	99
74) N-amyl acetate	12.494	43	11933	4.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	13700	5.457	ug/l	94
76) 1,2,3-Trichloropropane	12.988	75	13734m	5.543	ug/l	
77) Bromobenzene	12.976	156	10805	5.222	ug/l	94
78) n-propylbenzene	13.035	91	40052	4.766	ug/l	98
79) 2-Chlorotoluene	13.123	91	27970	5.011	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	28674	4.576	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	4314	4.688	ug/l	96
82) 4-Chlorotoluene	13.217	91	27891	4.859	ug/l	98
83) tert-Butylbenzene	13.435	119	24760	4.621	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	29165	4.615	ug/l	100
85) sec-Butylbenzene	13.617	105	32694	4.677	ug/l	97
86) p-Isopropyltoluene	13.729	119	26188	4.425	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	18666	5.004	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	20725	5.288	ug/l	96
89) n-Butylbenzene	14.059	91	21529	4.468	ug/l	96
90) Hexachloroethane	14.335	117	7037	5.154	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	18733	5.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2714	5.415	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	9252	4.962	ug/l	95
94) Hexachlorobutadiene	15.500	225	5668	5.240	ug/l	97
95) Naphthalene	15.641	128	24023	4.450	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	8594	4.858	ug/l	98

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

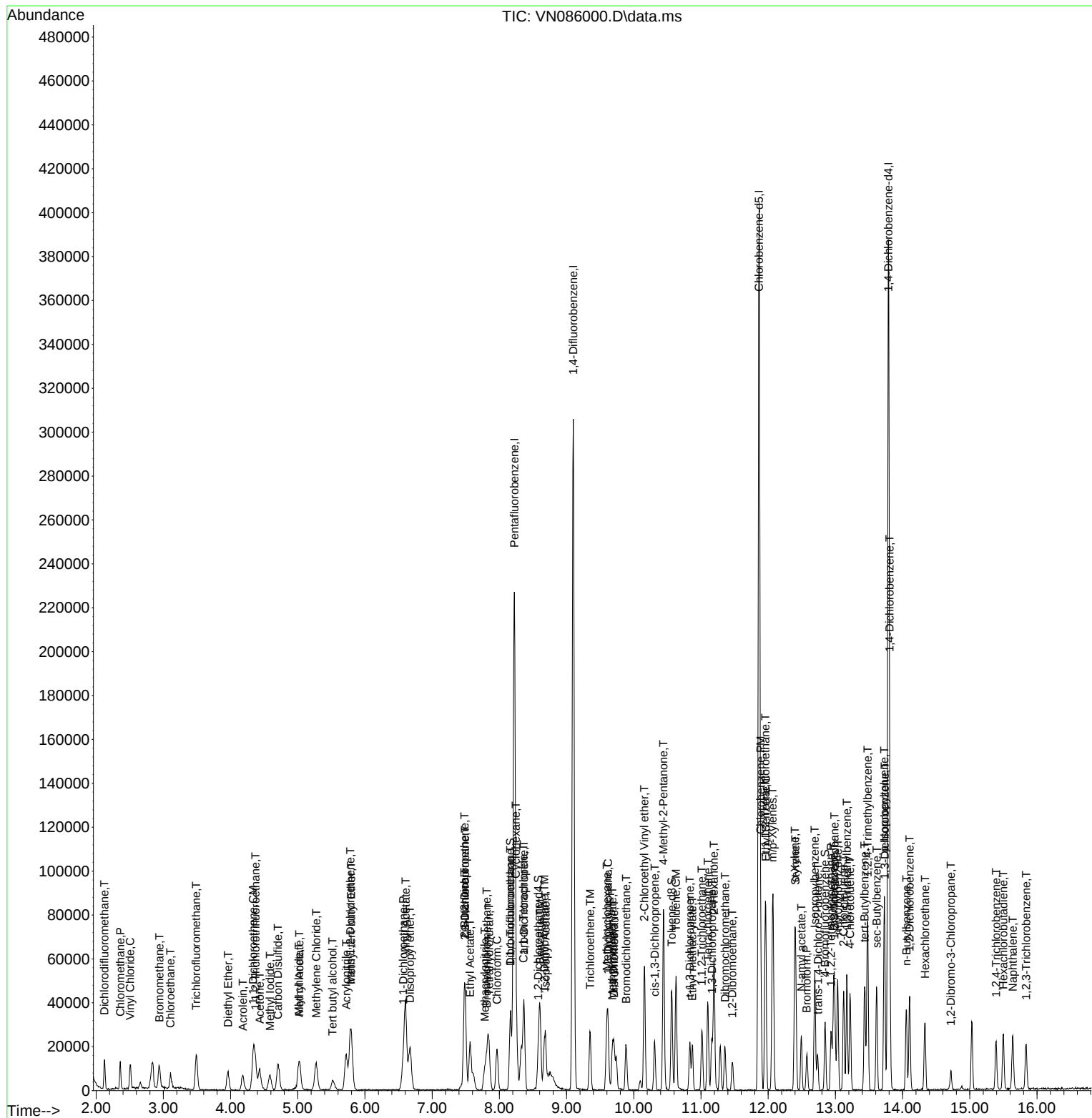
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Data File : VN086000.D
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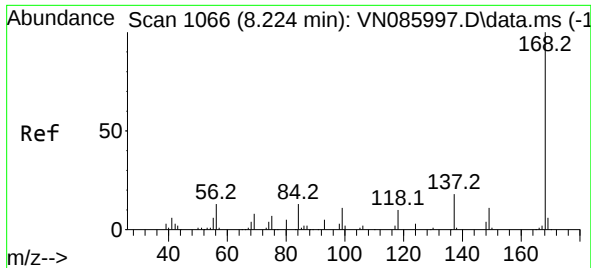
Instrument :
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ClientSampleId :
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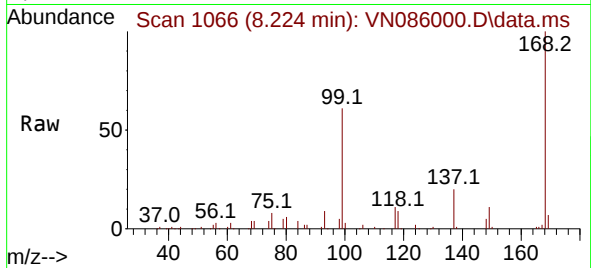
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

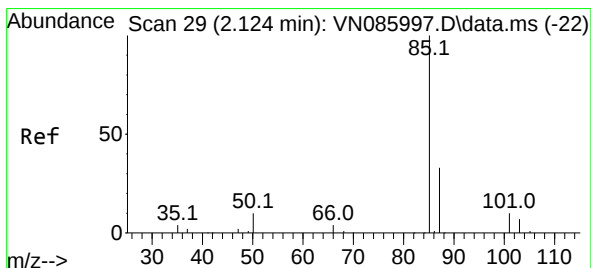
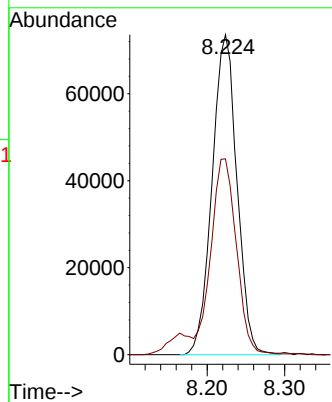
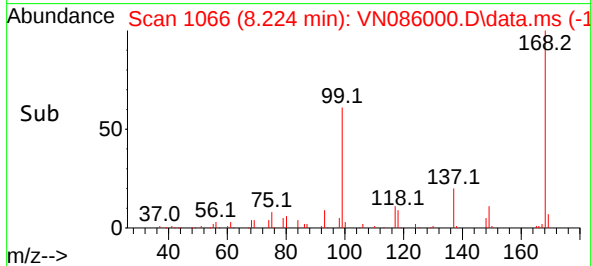
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



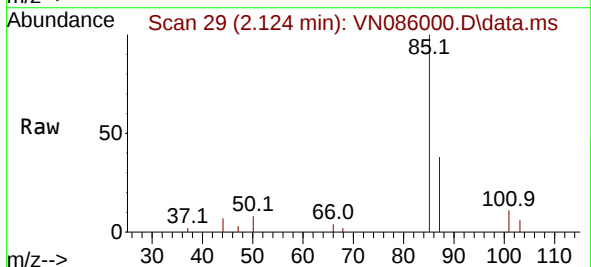
Tgt Ion:168 Resp: 163790
Ion Ratio Lower Upper
168 100
99 60.9 49.4 74.2

Manual Integrations
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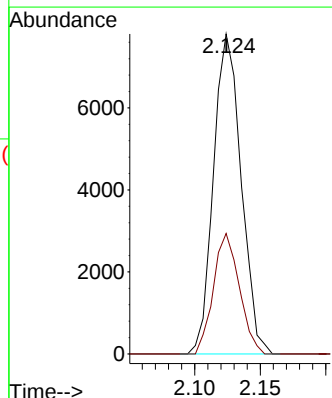
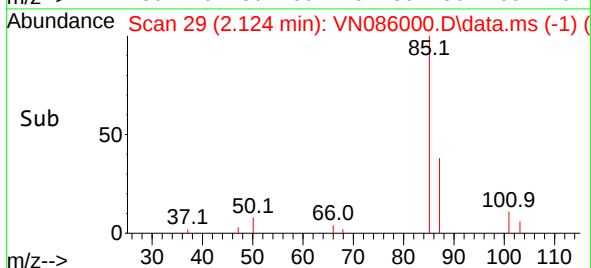
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

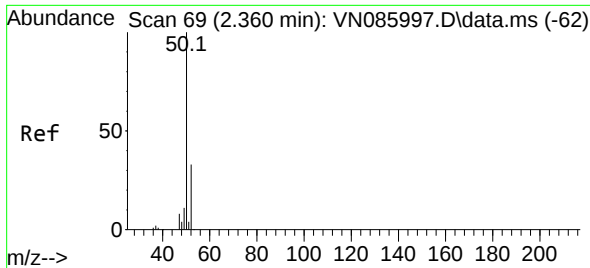


#2
Dichlorodifluoromethane
Concen: 5.263 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



Tgt Ion: 85 Resp: 11420
Ion Ratio Lower Upper
85 100
87 37.7 16.5 49.5





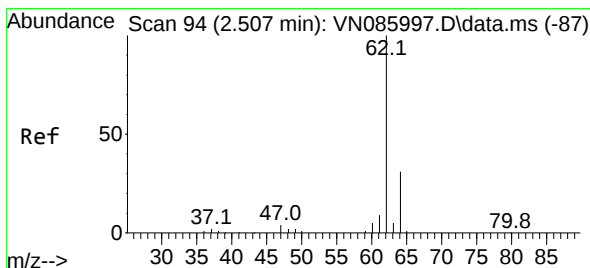
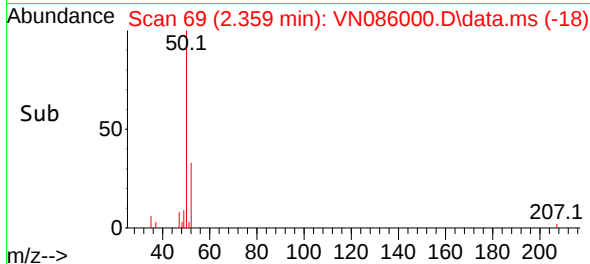
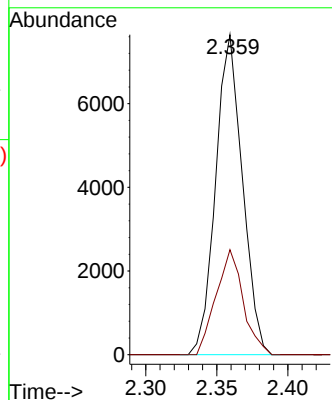
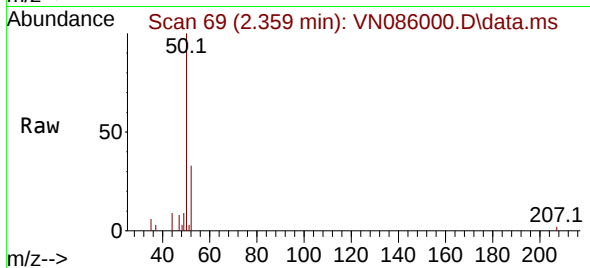
#3
Chloromethane
Concen: 5.268 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0

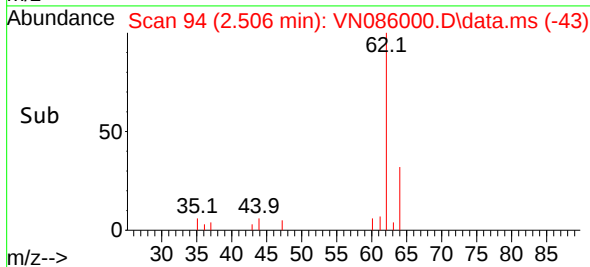
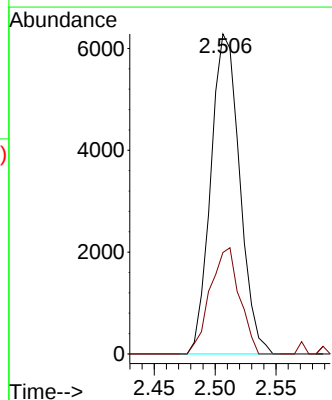
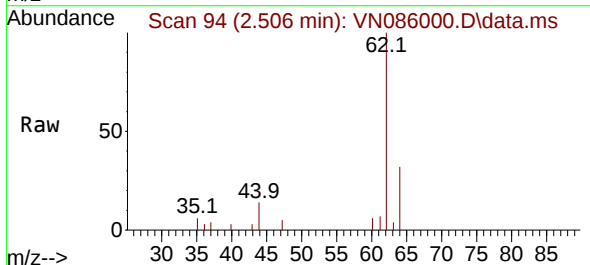
Manual Integrations
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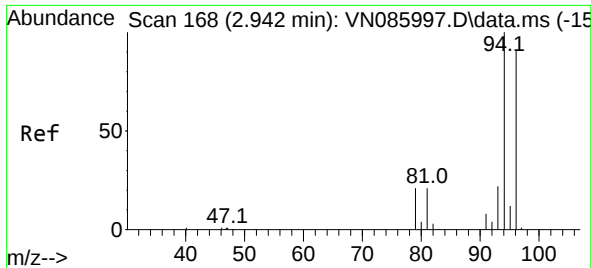
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#4
Vinyl Chloride
Concen: 5.341 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086000.D
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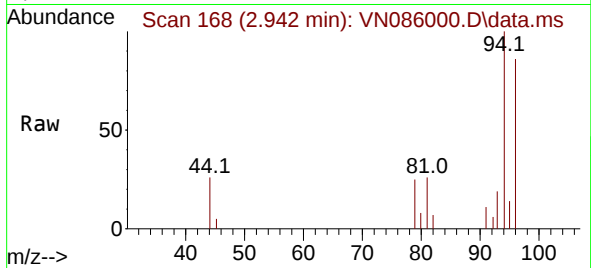
Tgt Ion: 62 Resp: 10389
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 5.767 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

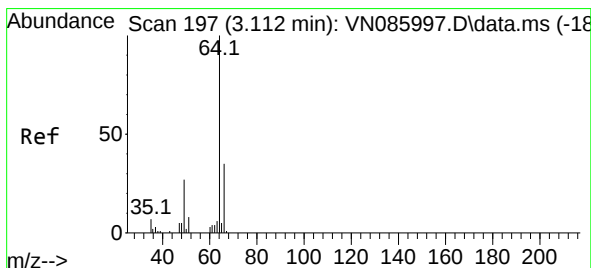
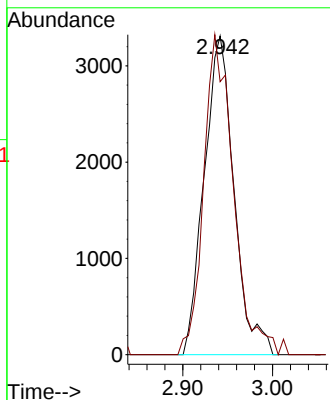
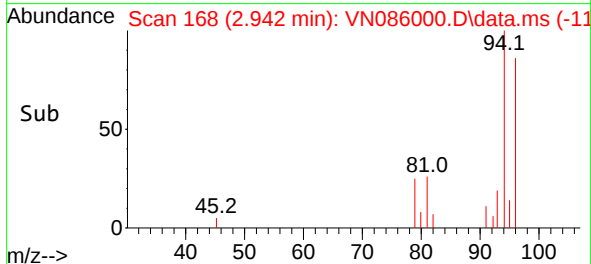
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 764
Ion Ratio Lower Upper
94 100
96 85.6 72.8 109.2

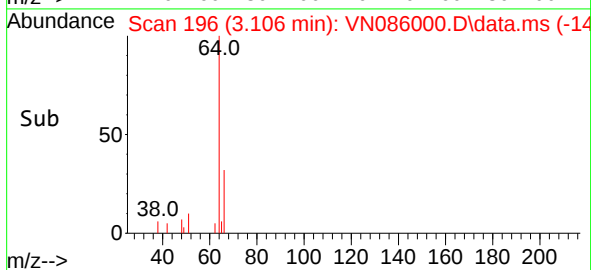
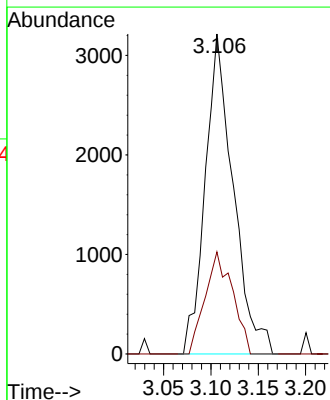
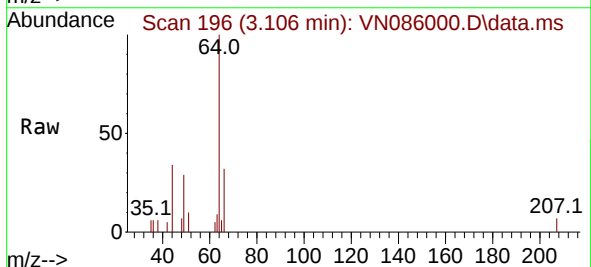
Manual Integrations
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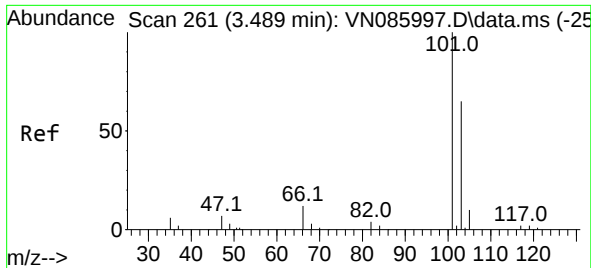
Reviewed By :John Carlone 03/19/2025
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#6
Chloroethane
Concen: 5.384 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion: 64 Resp: 6607
Ion Ratio Lower Upper
64 100
66 31.9 28.3 42.5





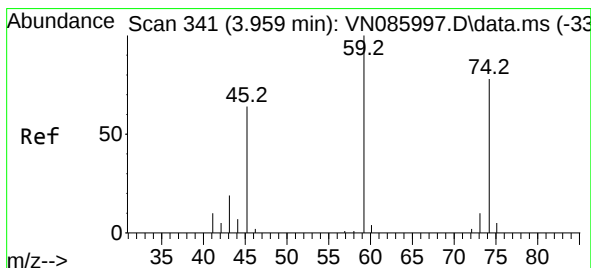
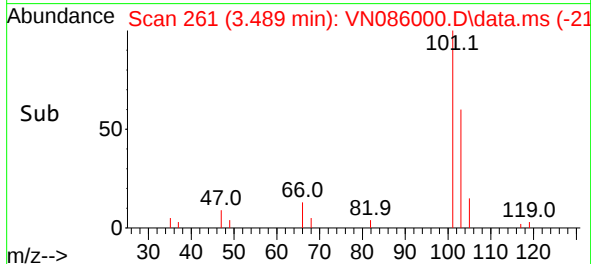
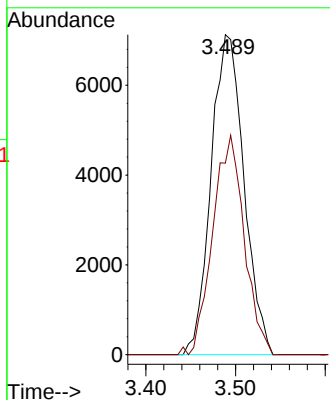
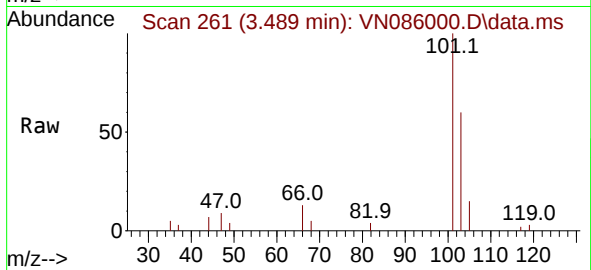
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 Trichlorofluoromethane
 Concen: 5.187 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 18136
 Ion Ratio Lower Upper
 101 100
 103 59.8 51.7 77.5

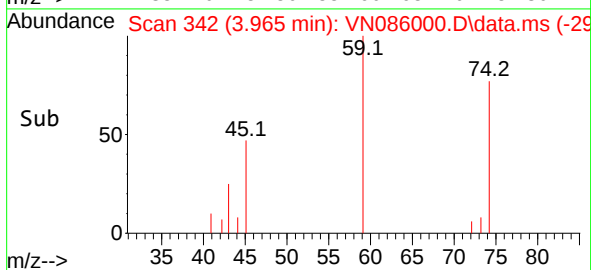
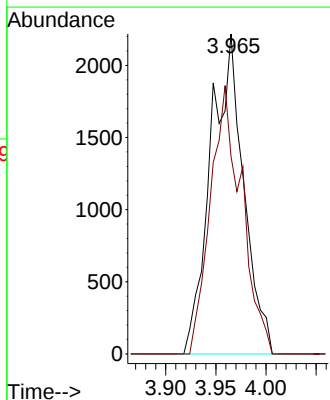
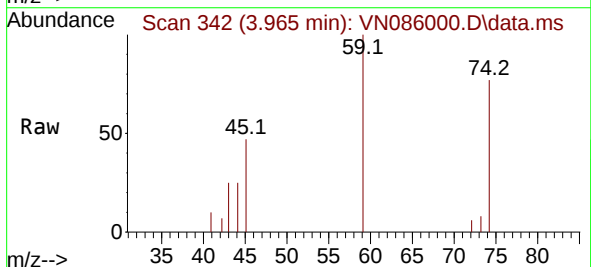
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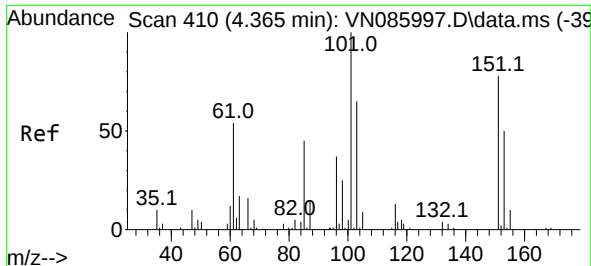
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#8
 Diethyl Ether
 Concen: 4.728 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

Tgt Ion: 74 Resp: 5061
 Ion Ratio Lower Upper
 74 100
 45 79.9 38.0 113.9





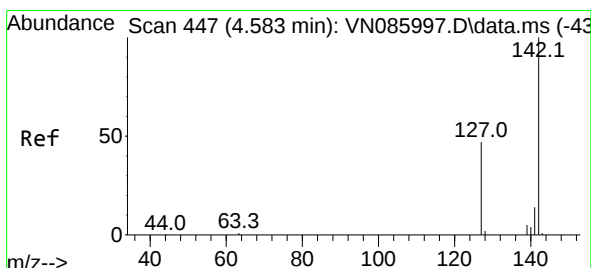
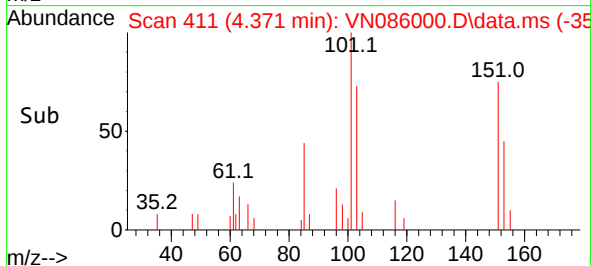
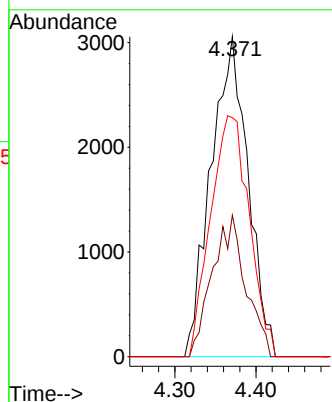
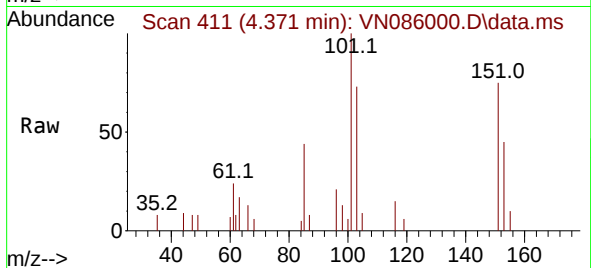
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.203 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 966
Ion Ratio Lower Upper
101 100
85 40.0 36.5 54.7
151 79.0 63.4 95.0

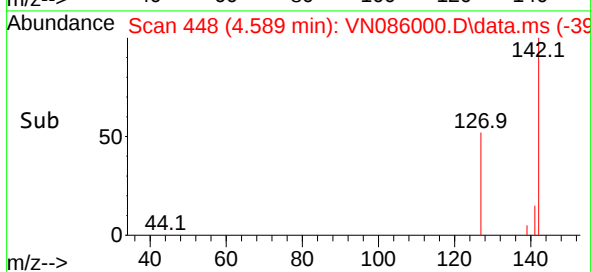
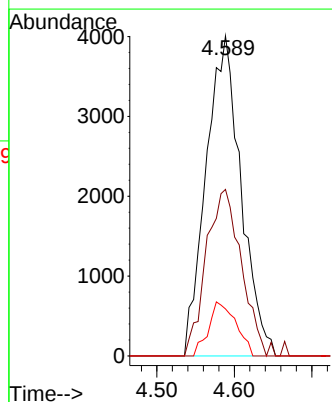
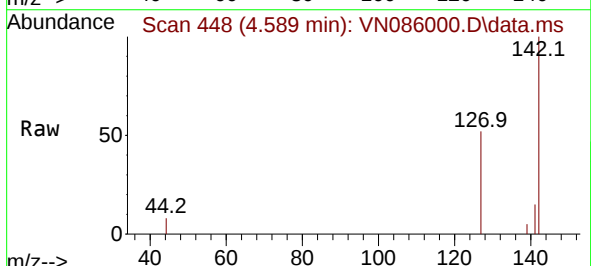
Manual Integrations
APPROVED

Reviewed By :John Carbone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#10
Methyl Iodide
Concen: 5.181 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion:142 Resp: 12547
Ion Ratio Lower Upper
142 100
127 52.0 37.5 56.3
141 14.7 11.0 16.6





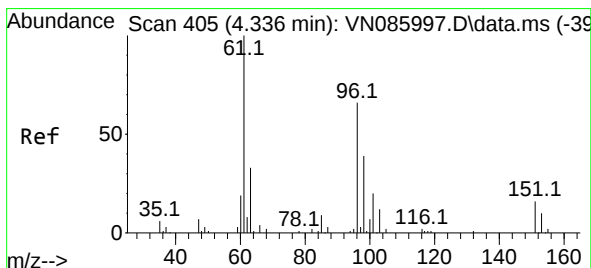
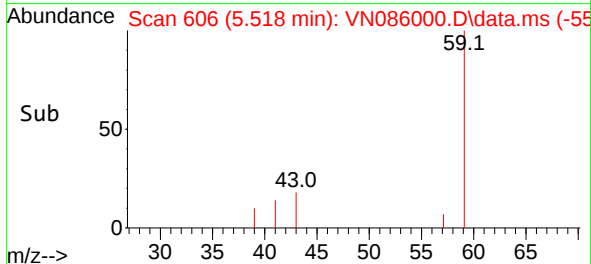
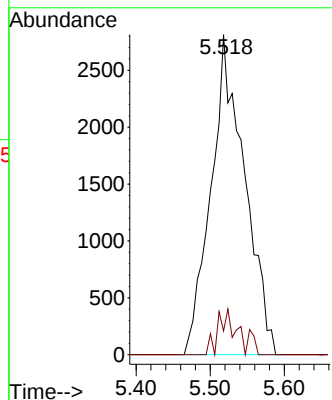
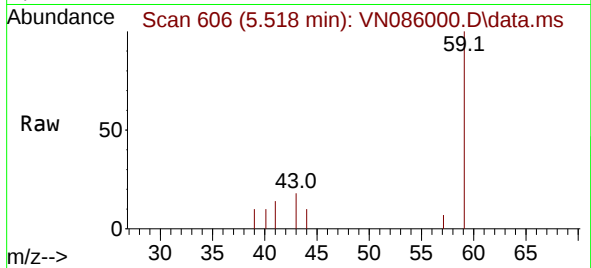
#11
Tert butyl alcohol
Concen: 27.847 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 884
Ion Ratio Lower Upper
59 100
57 7.1 7.9 11.9

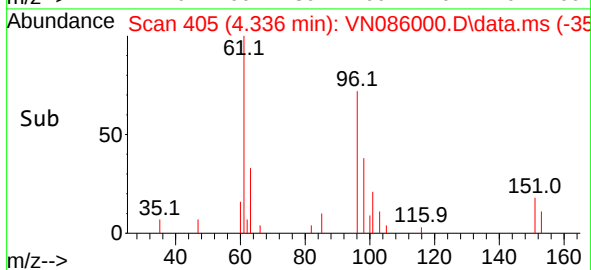
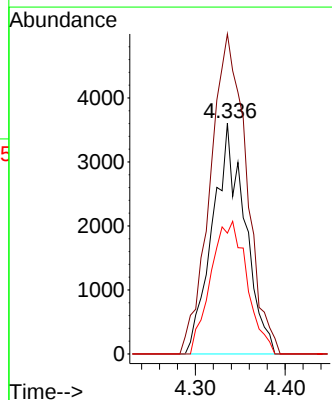
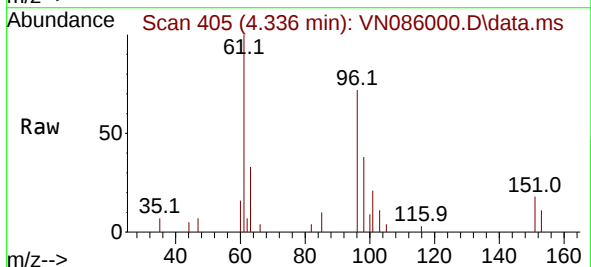
Manual Integrations
APPROVED

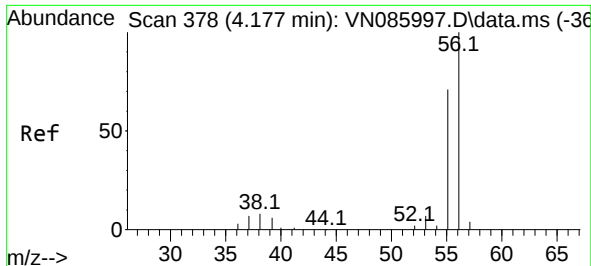
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#12
1,1-Dichloroethene
Concen: 5.367 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

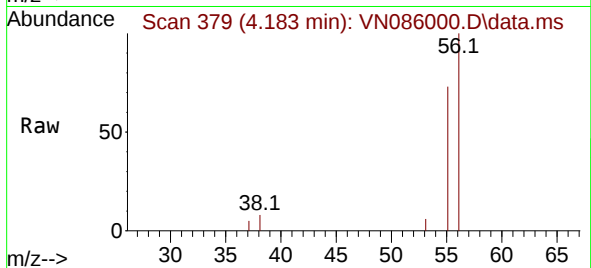
Tgt Ion: 96 Resp: 9006
Ion Ratio Lower Upper
96 100
61 138.6 120.5 180.7
98 52.3 47.4 71.0





#13
Acrolein
Concen: 27.839 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

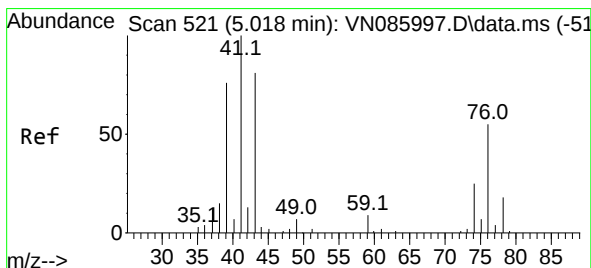
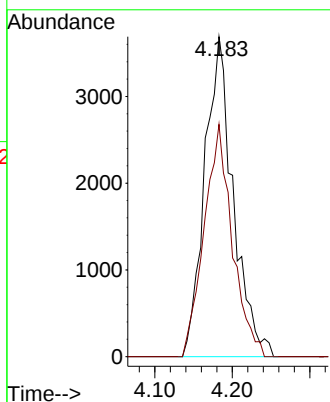
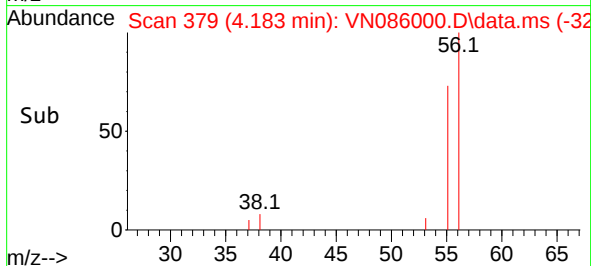
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



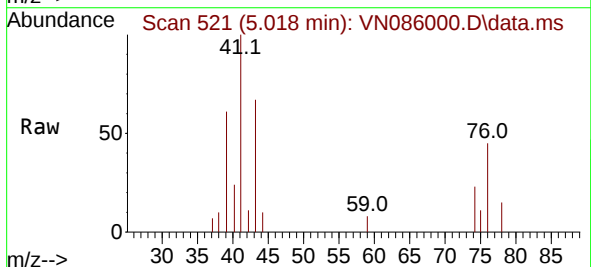
Tgt Ion: 56 Resp: 9429
Ion Ratio Lower Upper
56 100
55 71.5 55.1 82.7

Manual Integrations
APPROVED

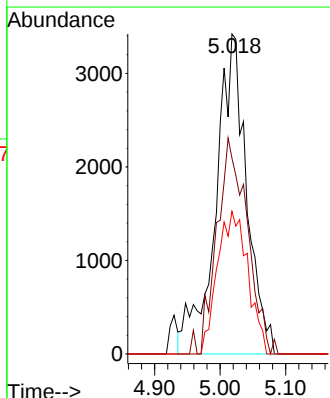
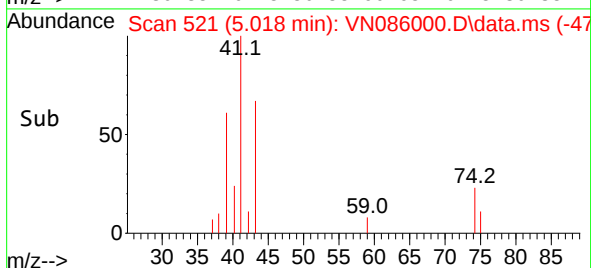
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#14
Allyl chloride
Concen: 5.350 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



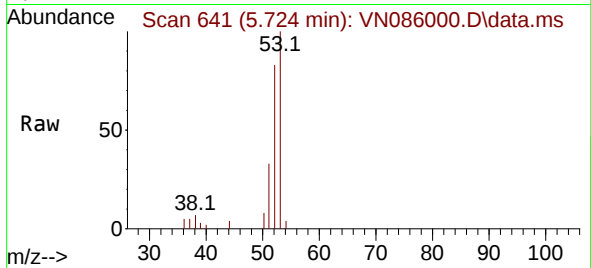
Tgt Ion: 41 Resp: 11201
Ion Ratio Lower Upper
41 100
39 66.6 55.5 83.3
76 43.8 39.1 58.7





#15
Acrylonitrile
Concen: 26.440 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

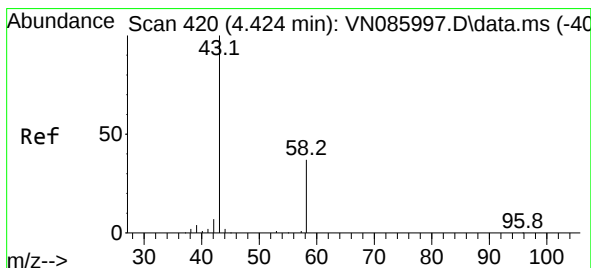
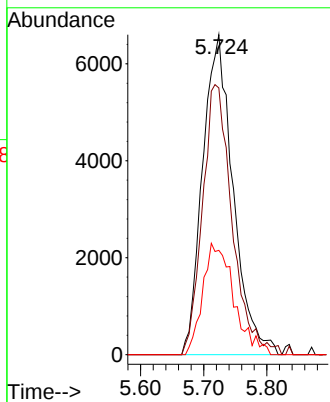
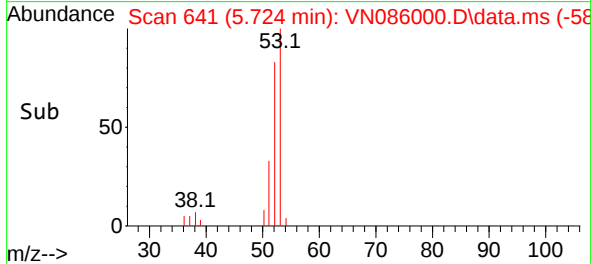
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



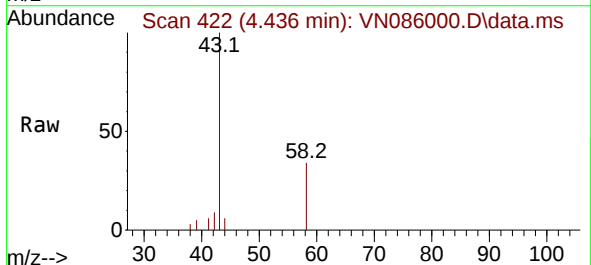
Tgt Ion: 53 Resp: 22174
Ion Ratio Lower Upper
53 100
52 81.9 63.9 95.9
51 35.5 27.1 40.7

Manual Integrations
APPROVED

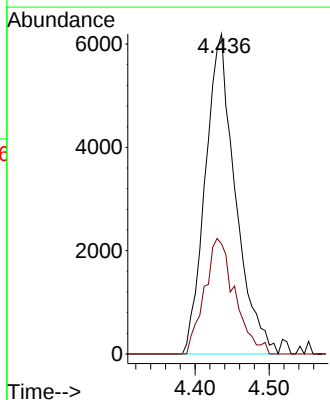
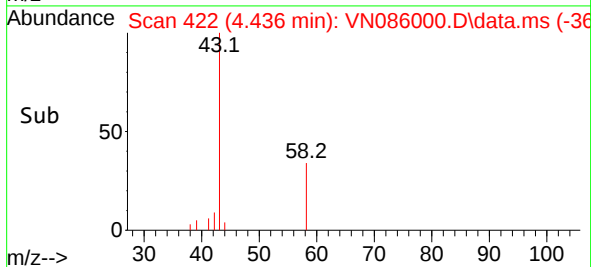
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

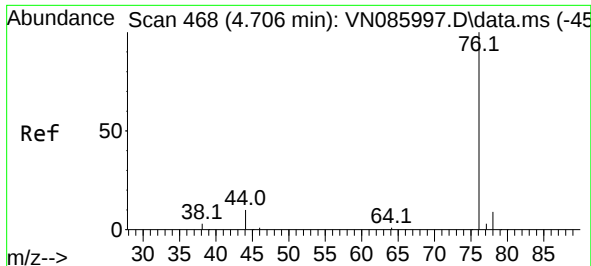


#16
Acetone
Concen: 25.474 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.011 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



Tgt Ion: 43 Resp: 17456
Ion Ratio Lower Upper
43 100
58 34.4 29.4 44.2





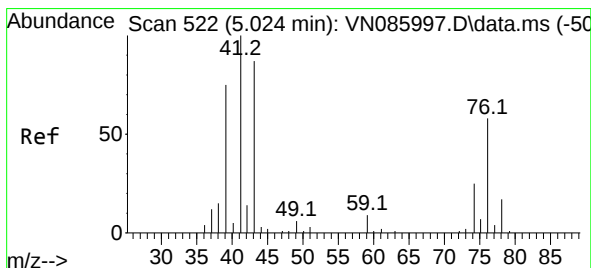
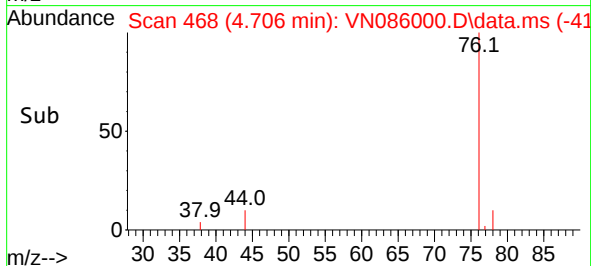
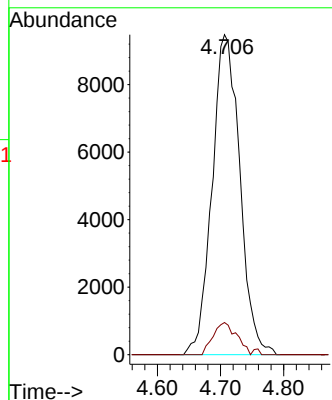
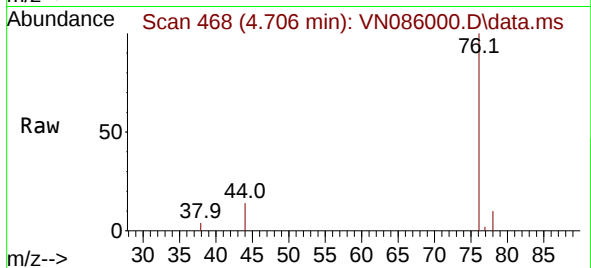
#17
Carbon Disulfide
Concen: 5.237 ug/l
RT: 4.706 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 28904
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

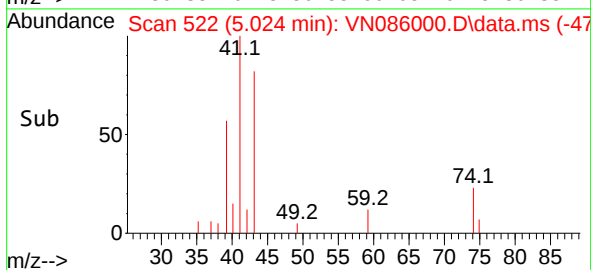
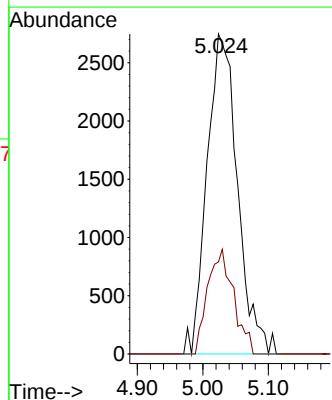
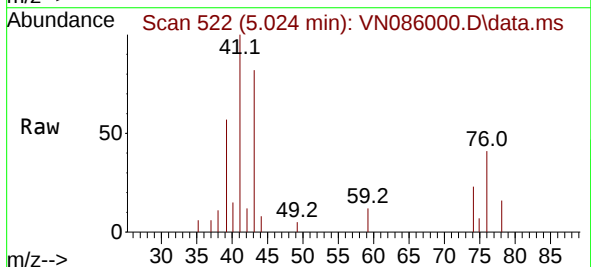
Manual Integrations
APPROVED

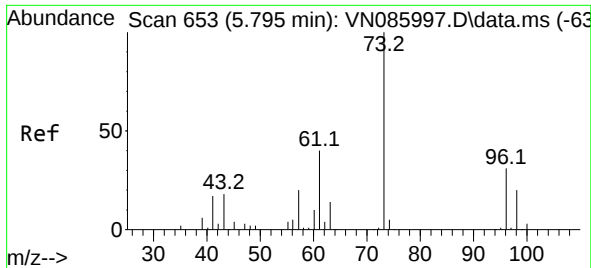
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#18
Methyl Acetate
Concen: 5.237 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion: 43 Resp: 8878
Ion Ratio Lower Upper
43 100
74 27.6 23.9 35.9





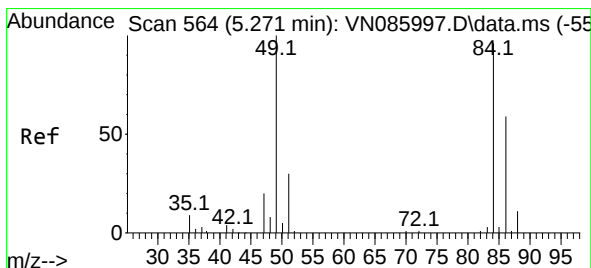
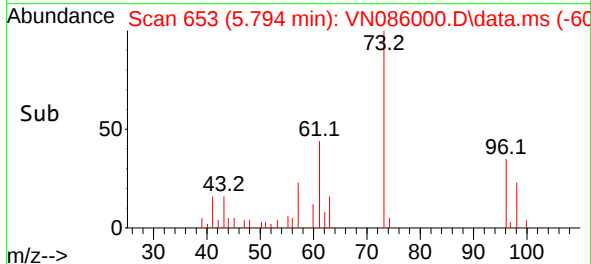
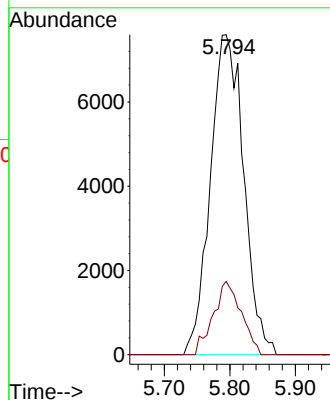
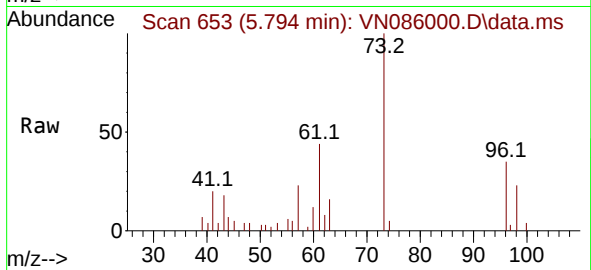
#19
Methyl tert-butyl Ether
Concen: 4.878 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2682
Ion Ratio Lower Upper
73 100
57 22.9 16.1 24.1

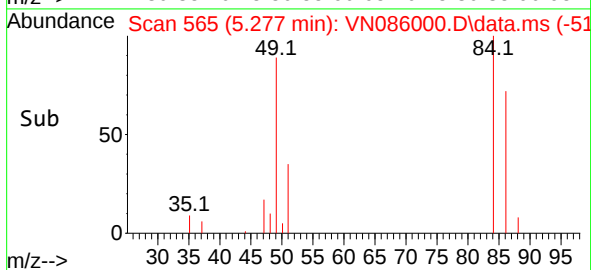
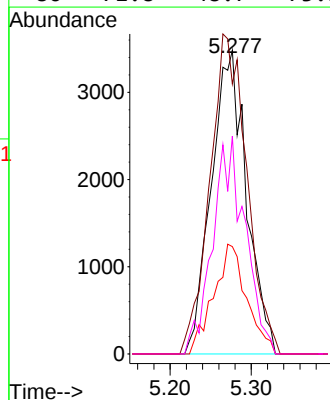
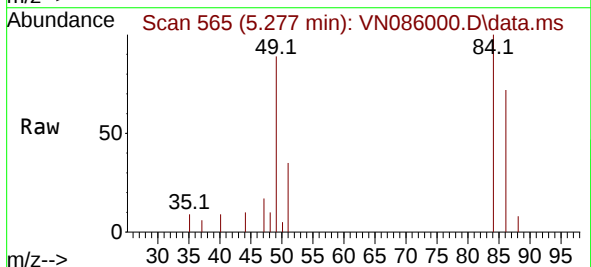
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#20
Methylene Chloride
Concen: 5.223 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

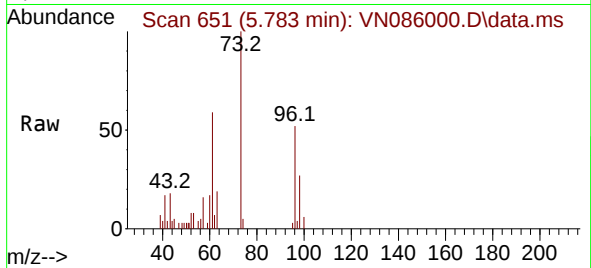
Tgt Ion: 84 Resp: 10471
Ion Ratio Lower Upper
84 100
49 88.9 83.3 124.9
51 35.4 24.8 37.2
86 71.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 5.039 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

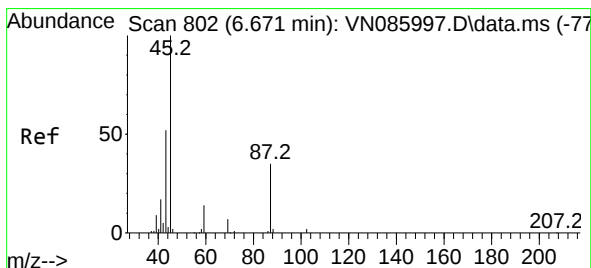
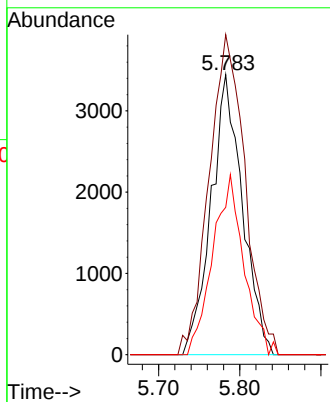
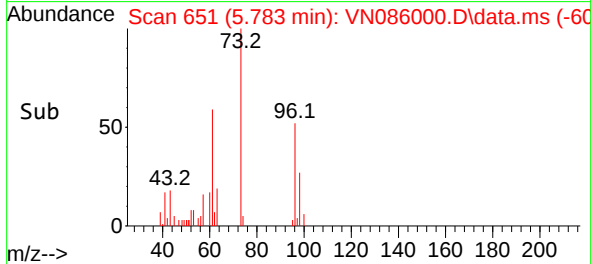
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



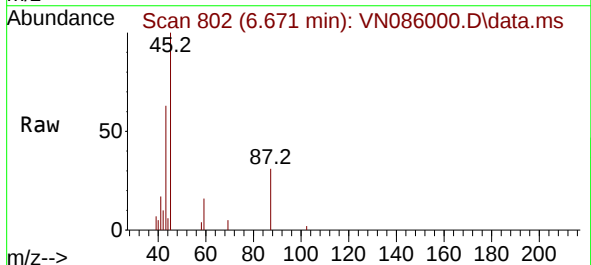
Tgt Ion: 96 Resp: 924
Ion Ratio Lower Upper
96 100
61 114.3 106.6 160.0
98 52.6 50.0 75.0

Manual Integrations
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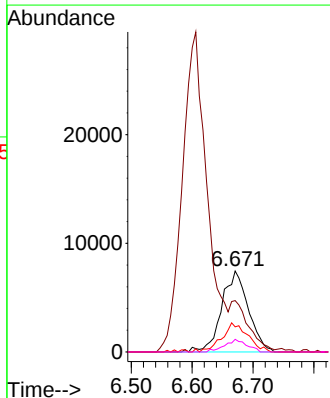
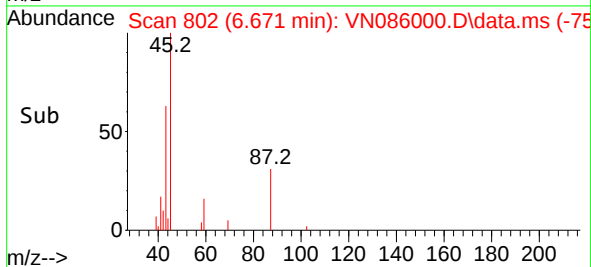
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

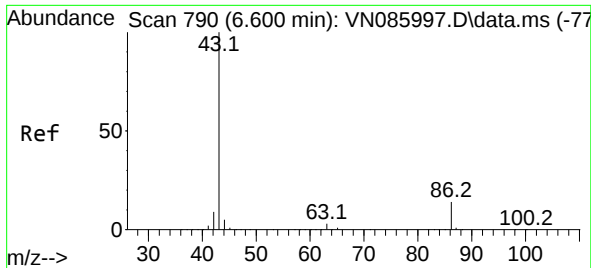


#22
Diisopropyl ether
Concen: 5.092 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



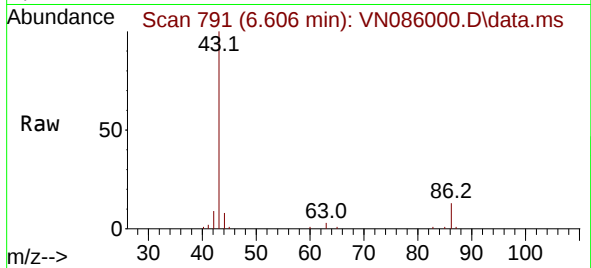
Tgt Ion: 45 Resp: 22716
Ion Ratio Lower Upper
45 100
43 59.9 41.2 61.8
87 31.1 28.5 42.7
59 15.6 11.2 16.8





#23
 Vinyl Acetate
 Concen: 24.772 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

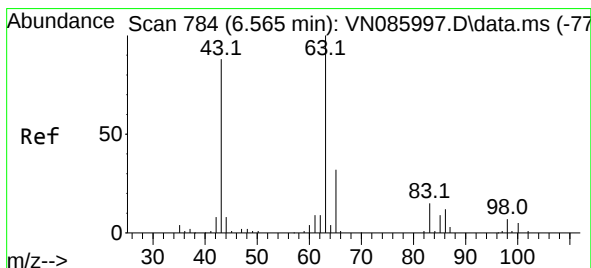
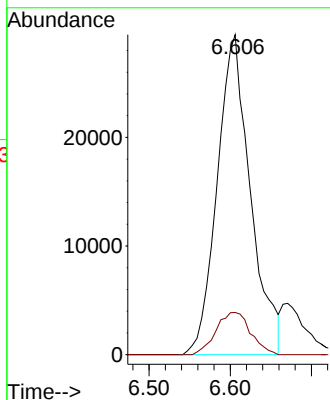
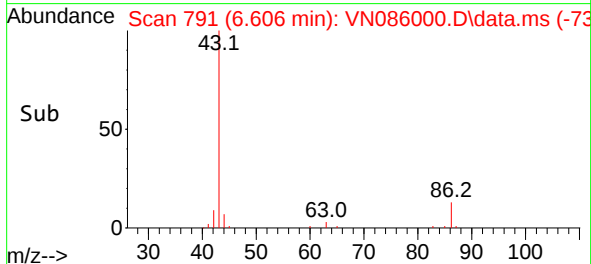
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



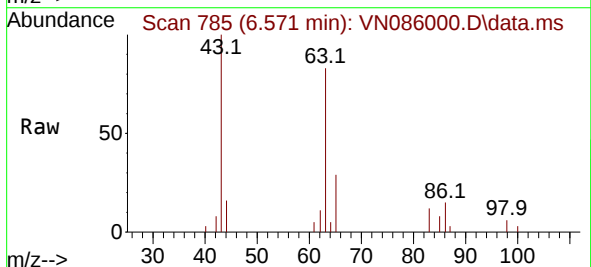
Tgt Ion: 43 Resp: 8378
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.2 16.8

Manual Integrations
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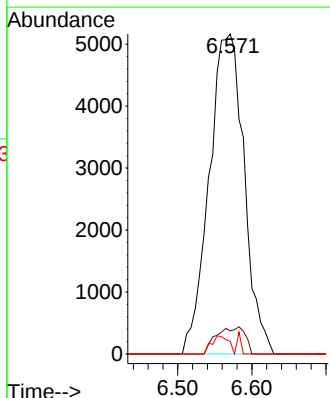
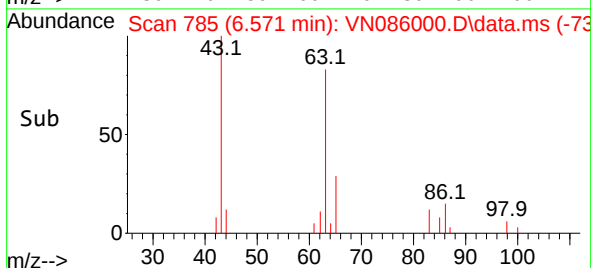
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#24
 1,1-Dichloroethane
 Concen: 5.151 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21



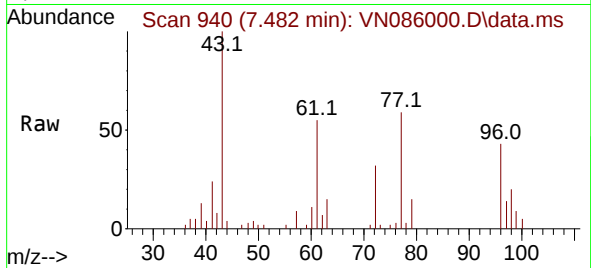
Tgt Ion: 63 Resp: 16897
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.0 2.5 7.5





#25
2-Butanone
Concen: 26.392 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

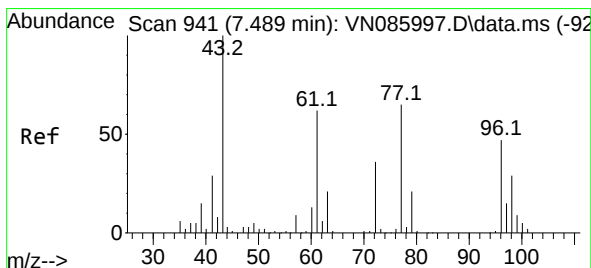
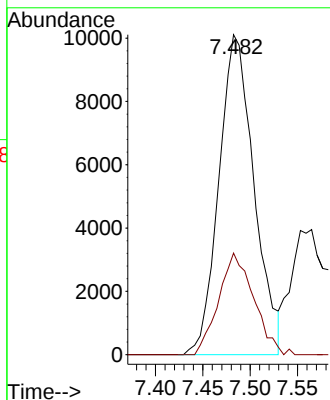
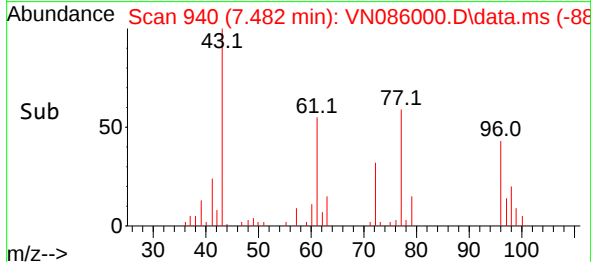
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



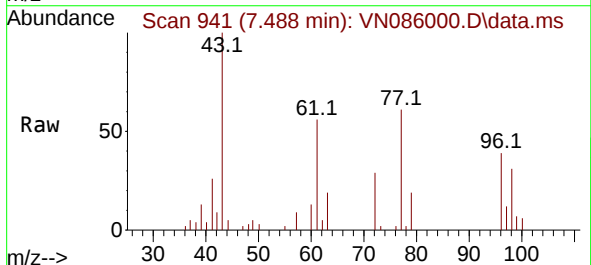
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
72 31.8 27.4 41.0

Manual Integrations
APPROVED

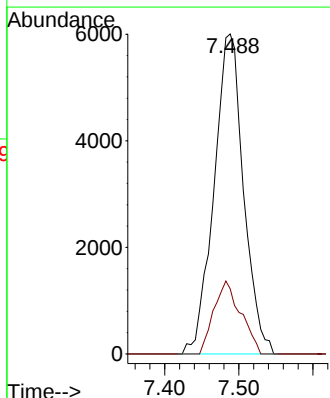
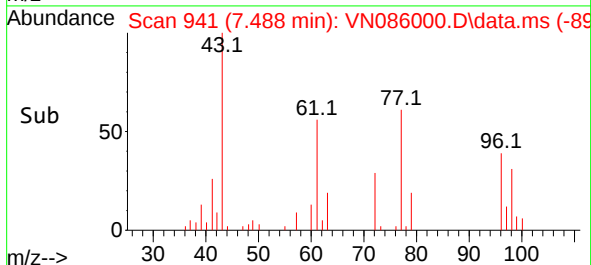
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#26
2,2-Dichloropropane
Concen: 5.274 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



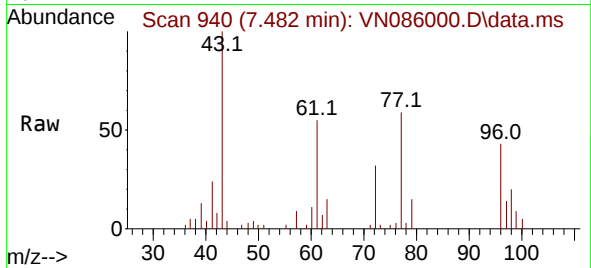
Tgt Ion: 77 Resp: 16658
Ion Ratio Lower Upper
77 100
97 20.7 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 5.154 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

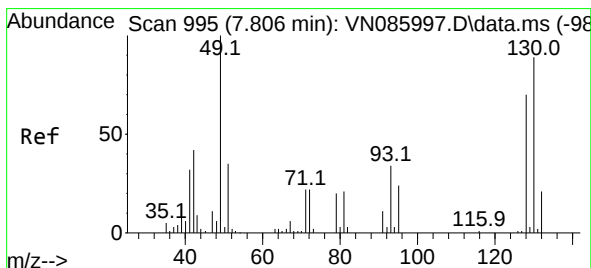
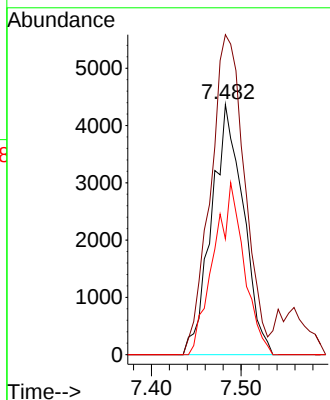
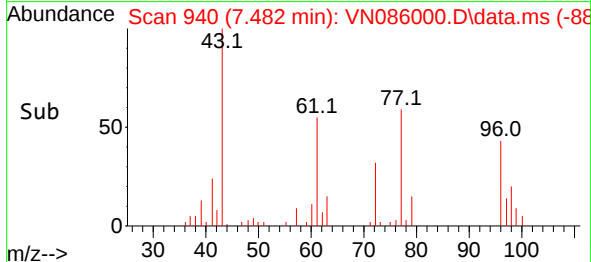
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



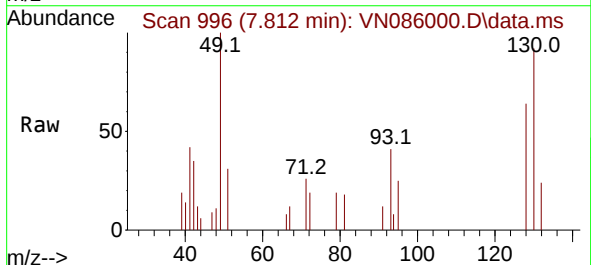
Tgt Ion: 96 Resp: 1074
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 272.8
 98 65.5 0.0 124.8

Manual Integrations
 APPROVED

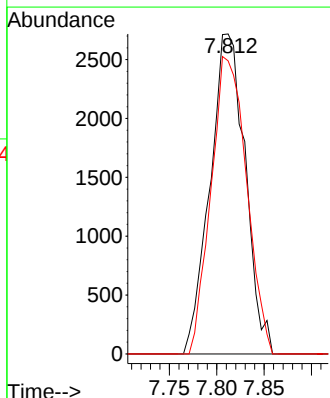
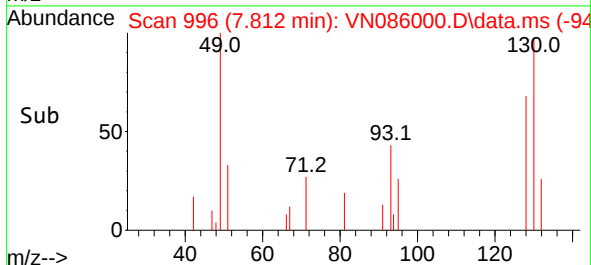
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

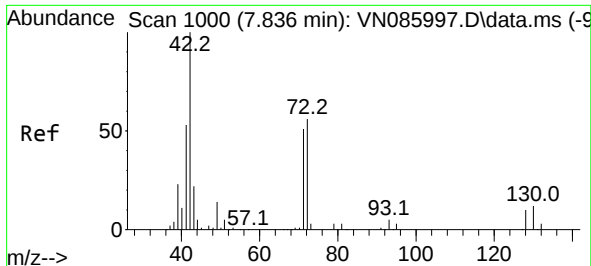


#28
 Bromochloromethane
 Concen: 5.064 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21



Tgt Ion: 49 Resp: 7039
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 93.4 74.2 111.4





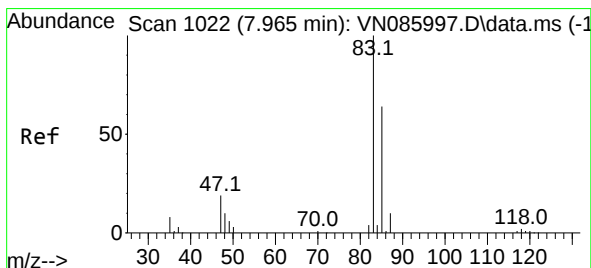
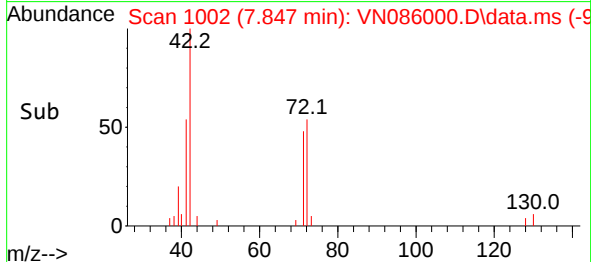
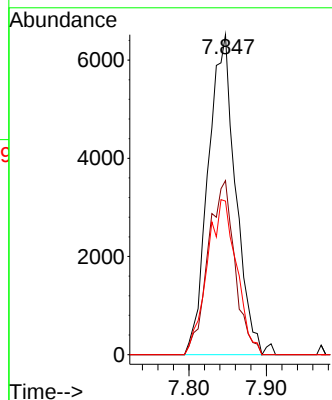
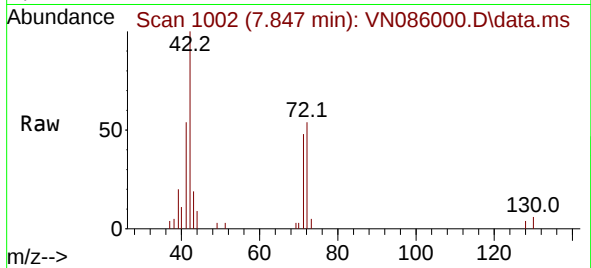
#29
Tetrahydrofuran
Concen: 26.382 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 16104
Ion Ratio Lower Upper
42 100
72 53.0 45.0 67.4
71 51.9 41.9 62.9

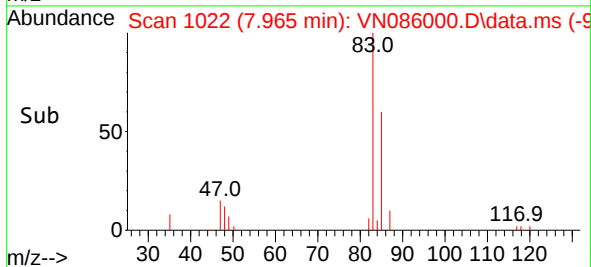
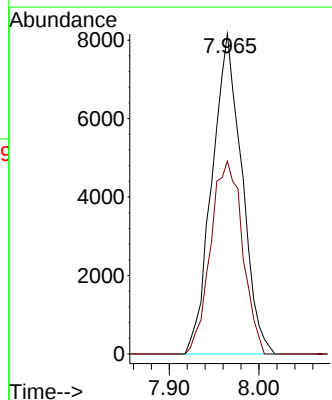
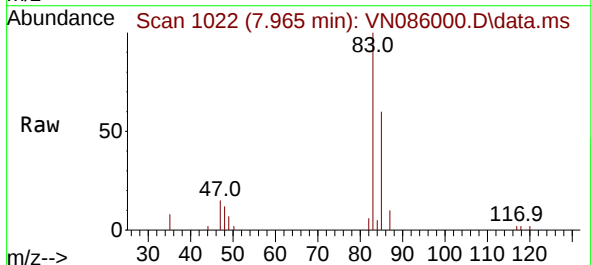
Manual Integrations
APPROVED

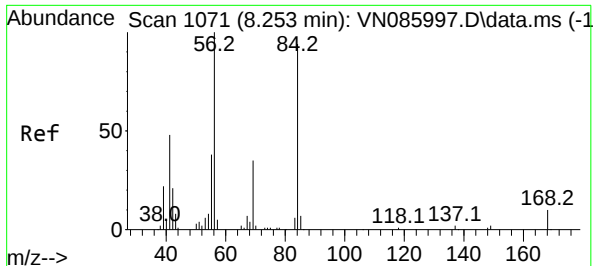
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#30
Chloroform
Concen: 5.188 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

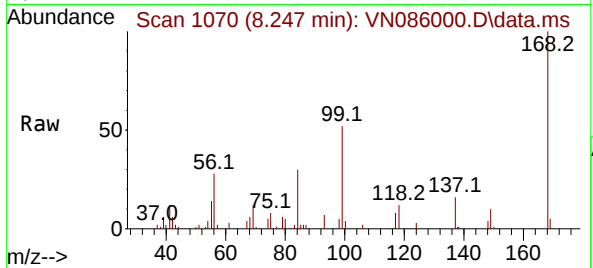
Tgt Ion: 83 Resp: 18814
Ion Ratio Lower Upper
83 100
85 60.2 51.5 77.3





#31
Cyclohexane
Concen: 5.611 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

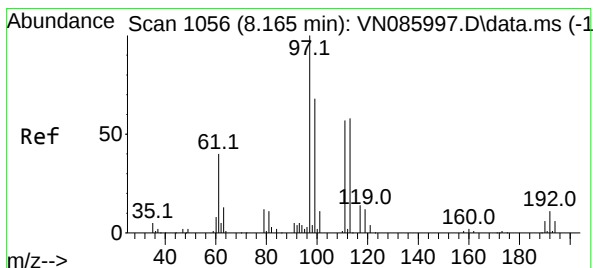
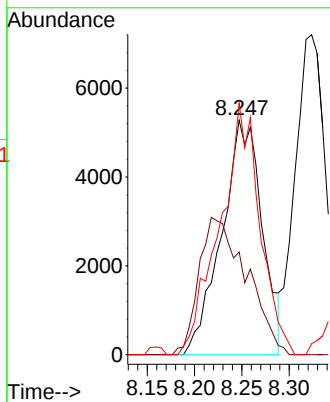
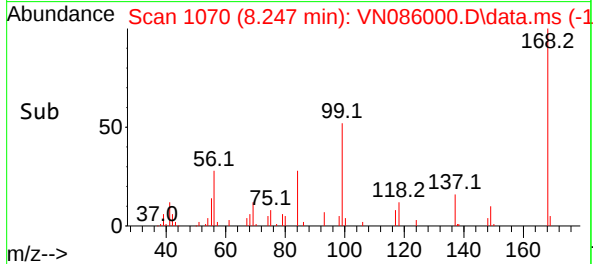
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1568
Ion Ratio Lower Upper
56 100
69 40.9 28.0 42.0
84 107.2 75.0 112.6

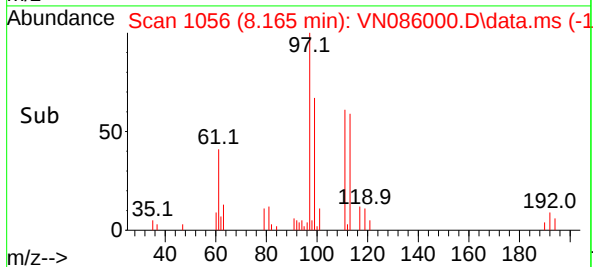
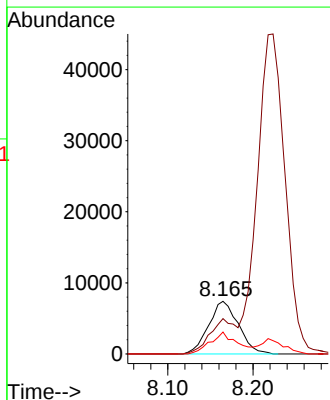
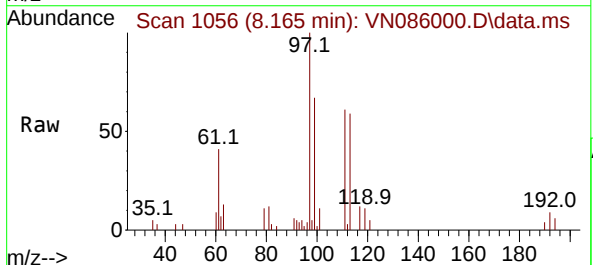
Manual Integrations
APPROVED

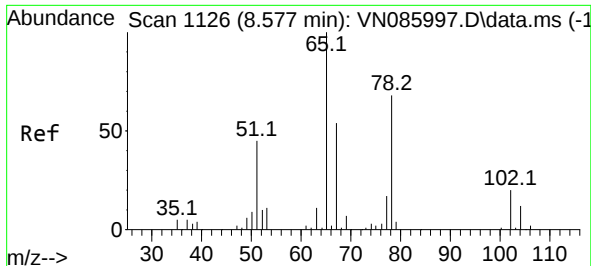
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#32
1,1,1-Trichloroethane
Concen: 5.233 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion: 97 Resp: 17962
Ion Ratio Lower Upper
97 100
99 58.7 52.8 79.2
61 37.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 5.383 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 12074

Ion Ratio Lower Upper

65 100

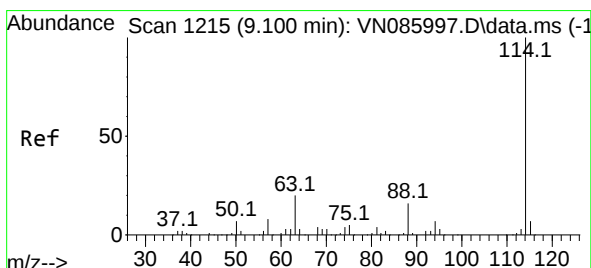
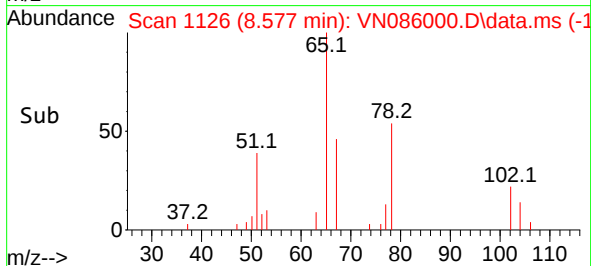
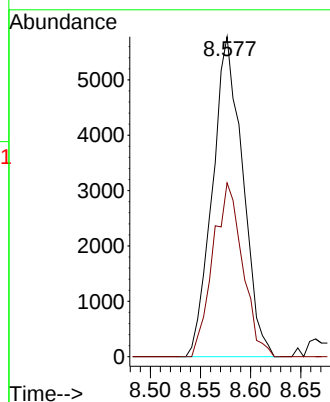
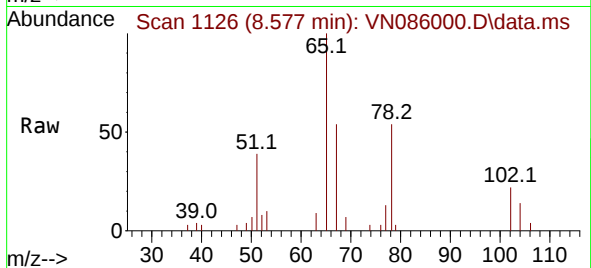
67 53.6 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

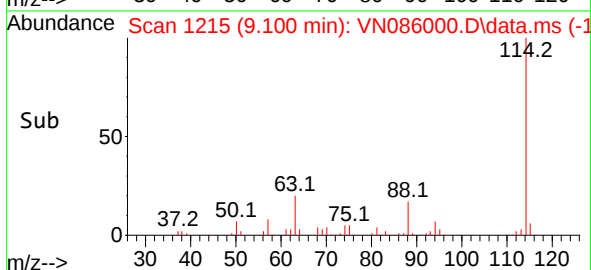
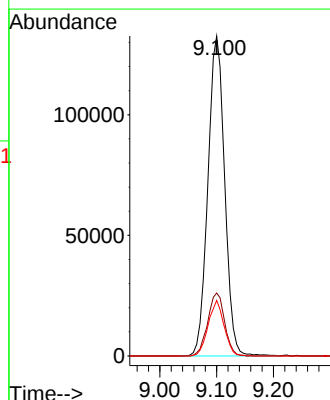
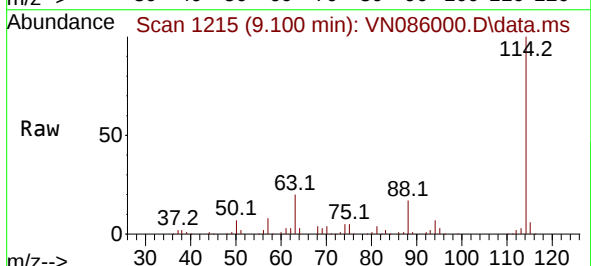
Tgt Ion:114 Resp: 271211

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

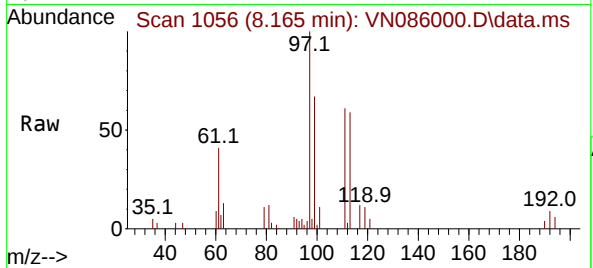
88 17.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 5.274 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

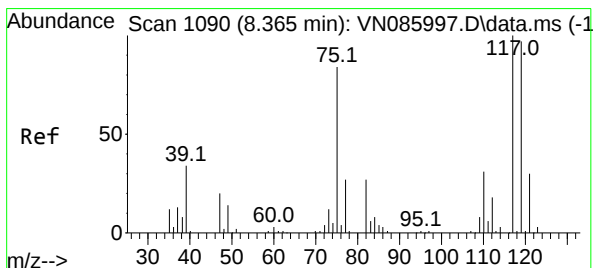
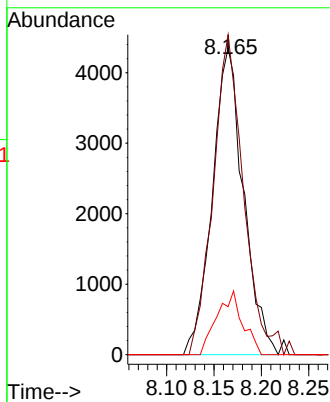
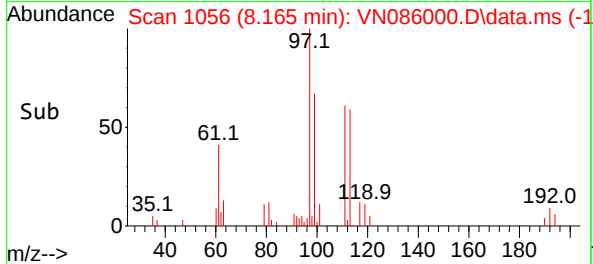
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 998
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 17.2 15.9 23.9

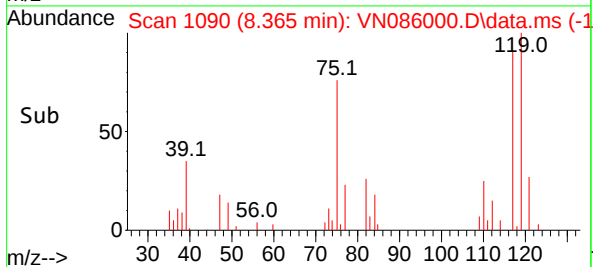
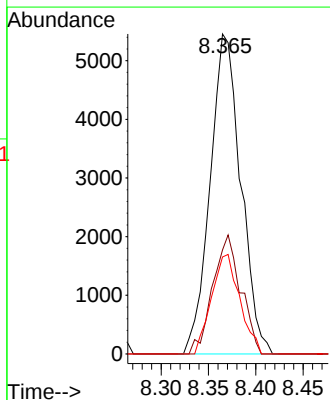
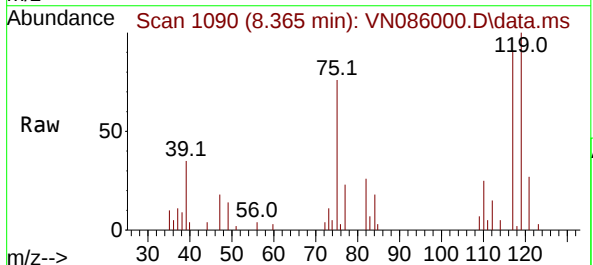
Manual Integrations
APPROVED

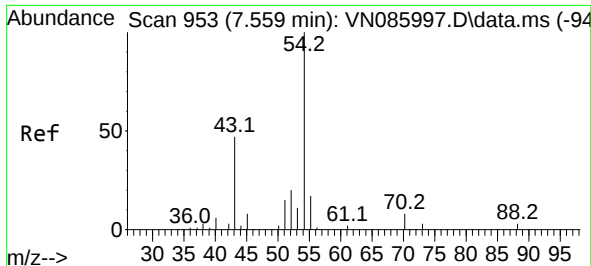
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion: 75 Resp: 12303
Ion Ratio Lower Upper
75 100
110 33.9 17.8 53.3
77 28.6 25.0 37.4





#37

Ethyl Acetate

Concen: 5.309 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

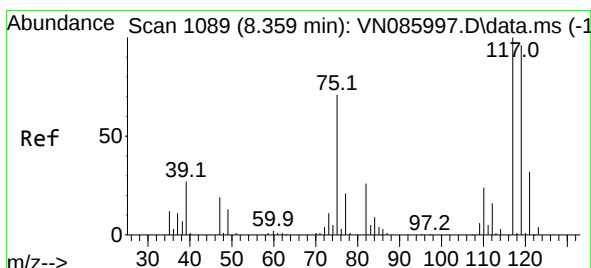
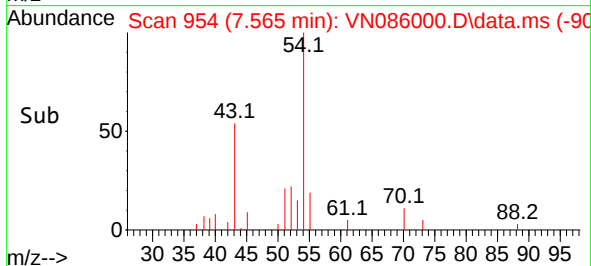
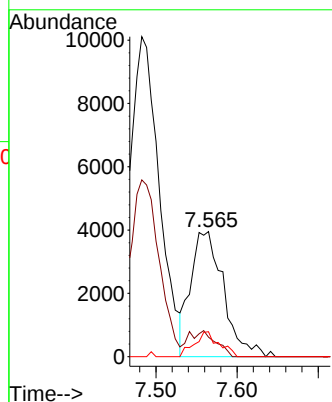
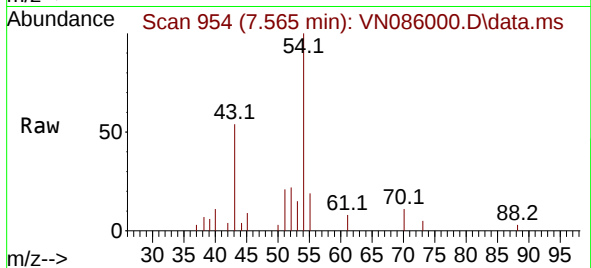
Tgt Ion:	43	Resp:	11164
Ion	Ratio	Lower	Upper
43	100		
61	17.1	13.0	19.4
70	14.8	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#38

Carbon Tetrachloride

Concen: 5.074 ug/l

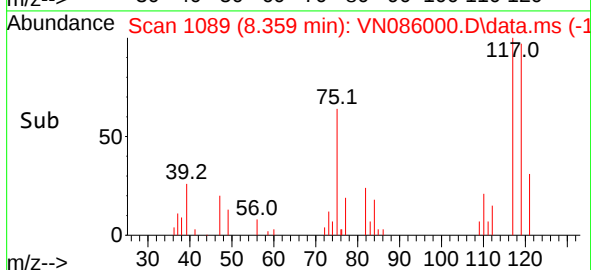
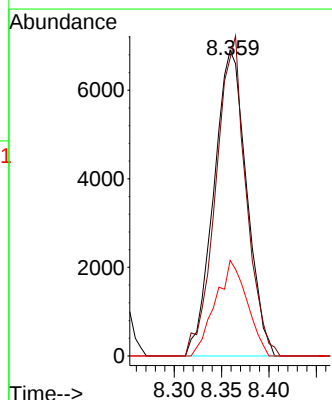
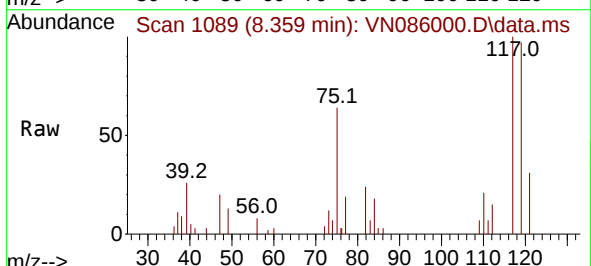
RT: 8.359 min Scan# 1089

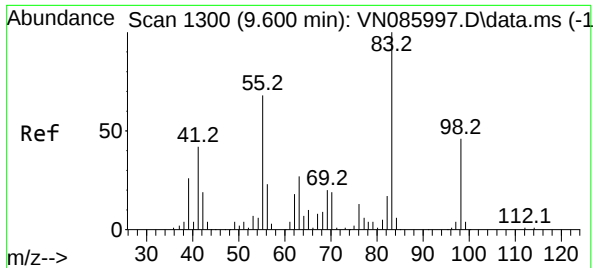
Delta R.T. -0.000 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

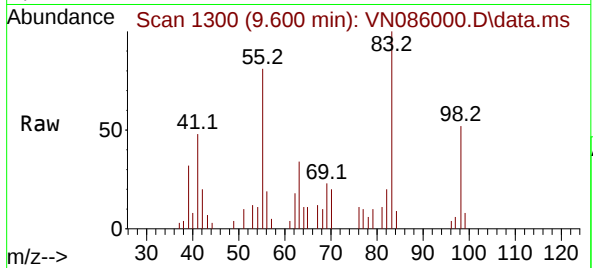
Tgt Ion:	117	Resp:	16628
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.0	115.4
121	31.3	25.6	38.4





#39
Methylcyclohexane
Concen: 4.675 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

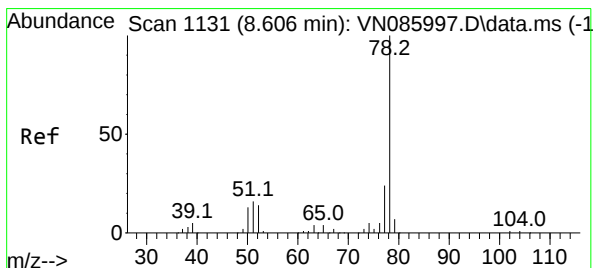
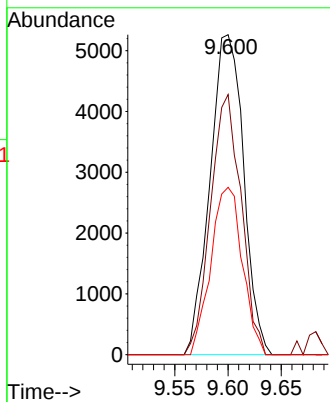
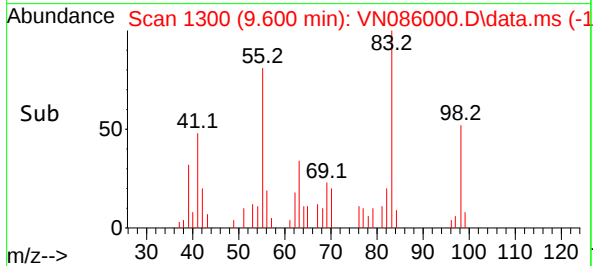
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



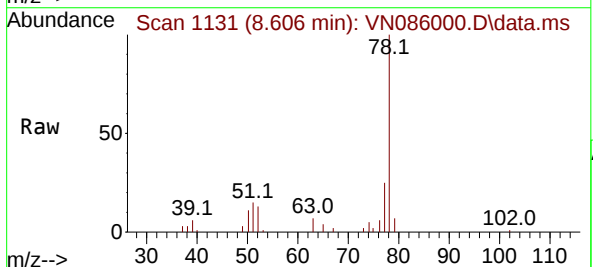
Tgt Ion: 83 Resp: 11562
Ion Ratio Lower Upper
83 100
55 81.3 54.2 81.2
98 52.3 37.1 55.7

Manual Integrations
APPROVED

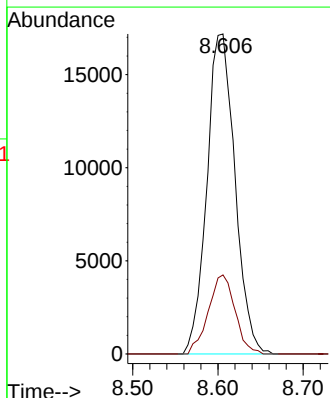
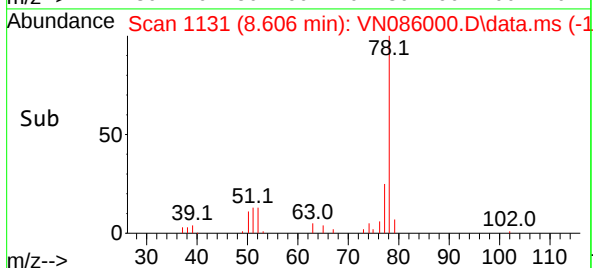
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#40
Benzene
Concen: 5.037 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



Tgt Ion: 78 Resp: 39414
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3





#41
Methacrylonitrile
Concen: 5.074 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

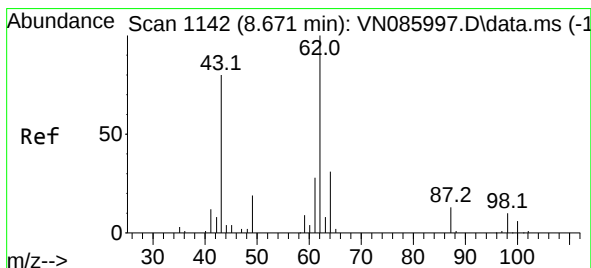
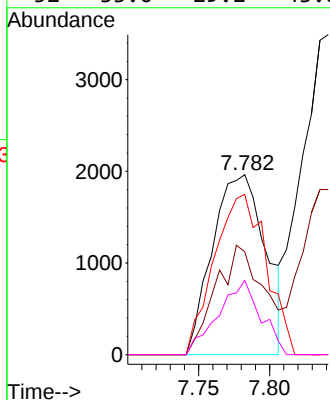
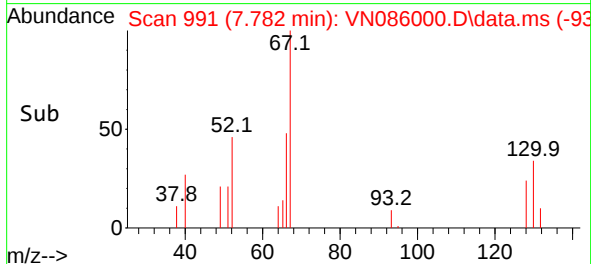
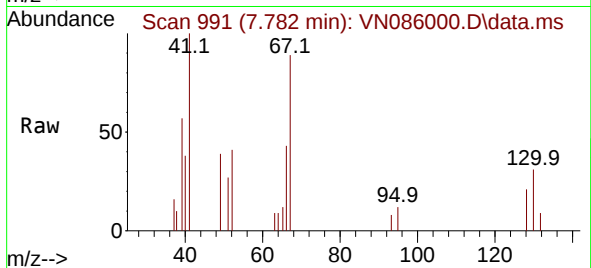
VSTDIC005

Tgt Ion: 41 Resp: 509
Ion Ratio Lower Upper
41 100
39 54.5 46.2 69.2
67 87.1 75.9 113.9
52 33.0 29.2 43.8

Manual Integrations

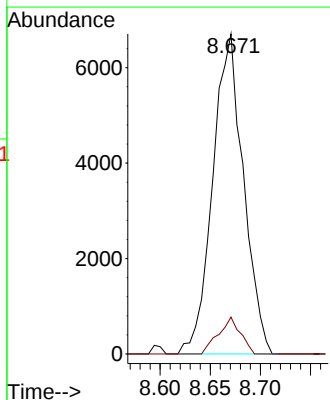
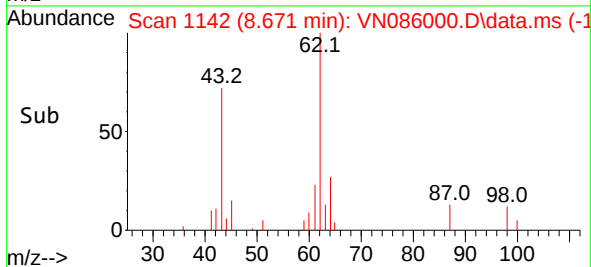
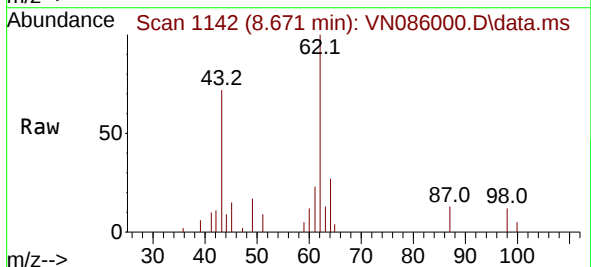
APPROVED

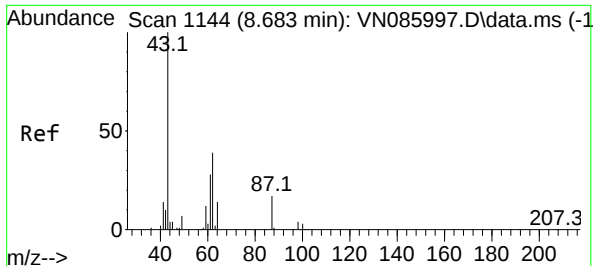
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#42
1,2-Dichloroethane
Concen: 5.249 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion: 62 Resp: 14311
Ion Ratio Lower Upper
62 100
98 8.2 0.0 18.6





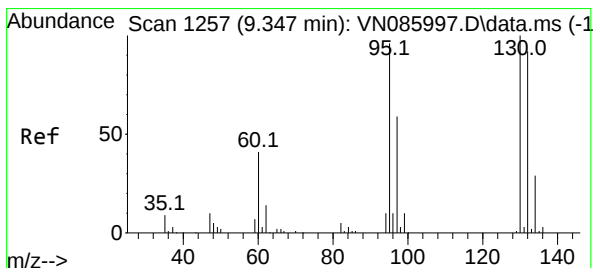
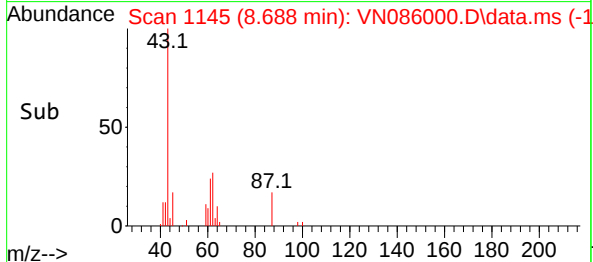
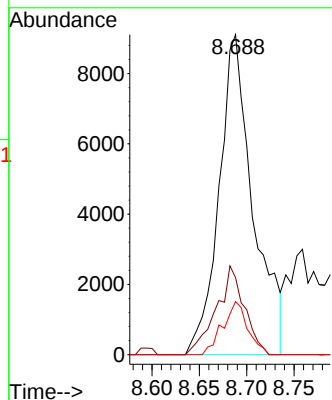
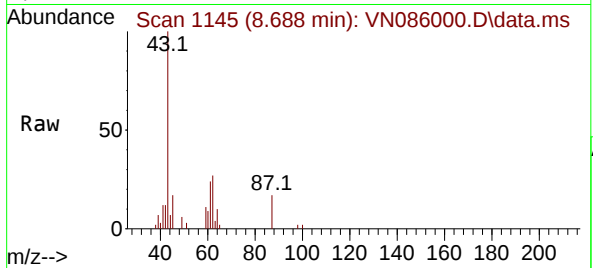
#43
Isopropyl Acetate
Concen: 4.992 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22794
Ion Ratio Lower Upper
43 100
61 22.9 25.0 37.6
87 12.2 13.0 19.4

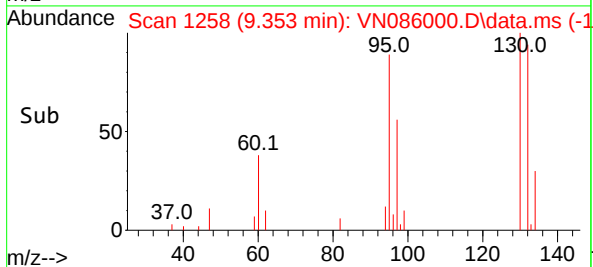
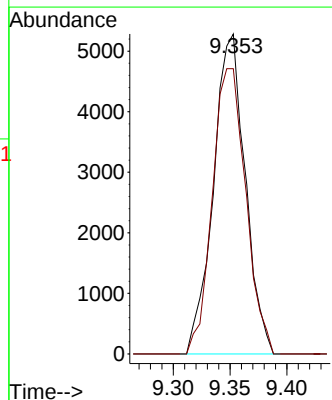
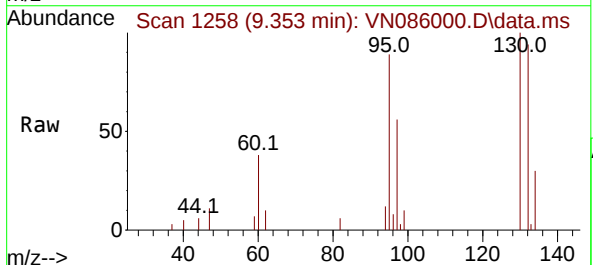
Manual Integrations
APPROVED

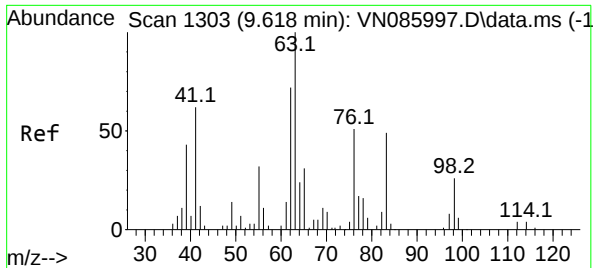
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#44
Trichloroethene
Concen: 5.081 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion:130 Resp: 10304
Ion Ratio Lower Upper
130 100
95 89.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 5.071 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 9020

Ion Ratio Lower Upper

63 100

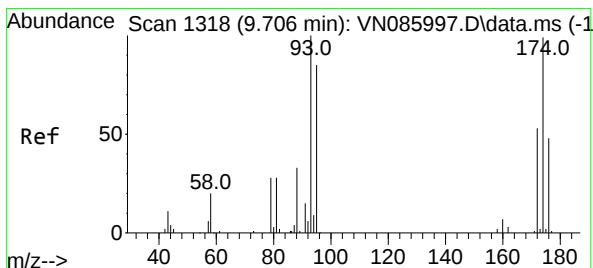
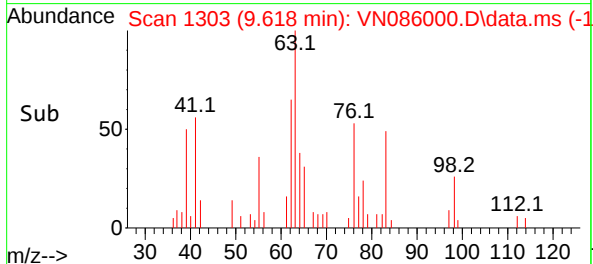
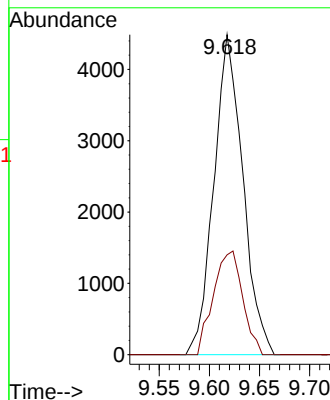
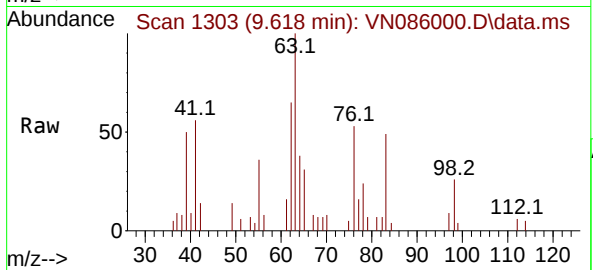
65 31.2 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#46

Dibromomethane

Concen: 5.194 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

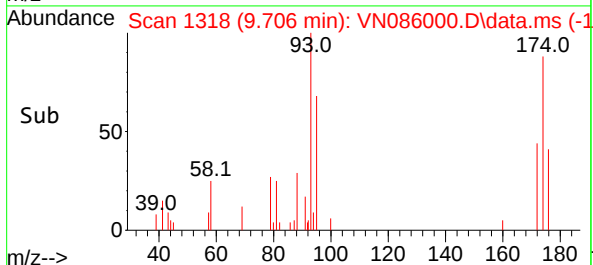
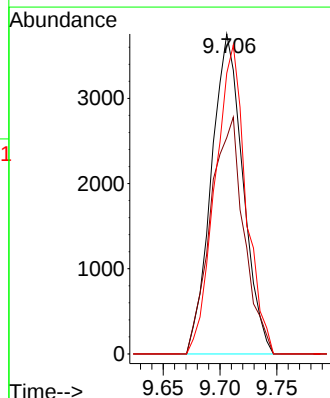
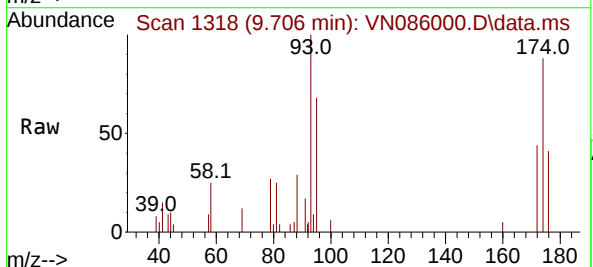
Tgt Ion: 93 Resp: 7270

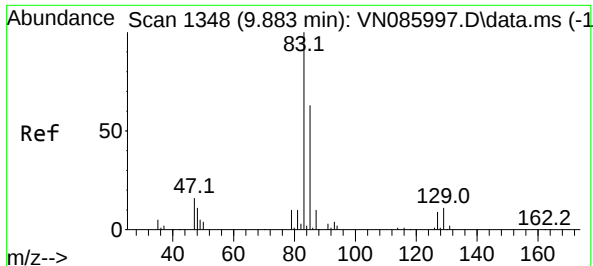
Ion Ratio Lower Upper

93 100

95 78.3 66.2 99.2

174 94.3 80.1 120.1





#47

Bromodichloromethane

Concen: 5.197 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

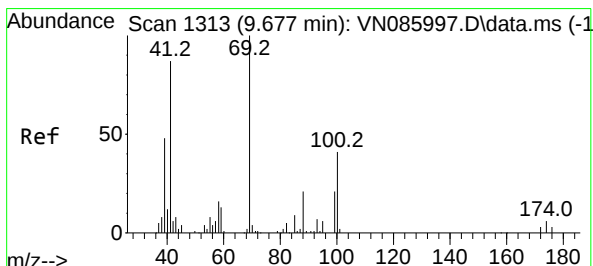
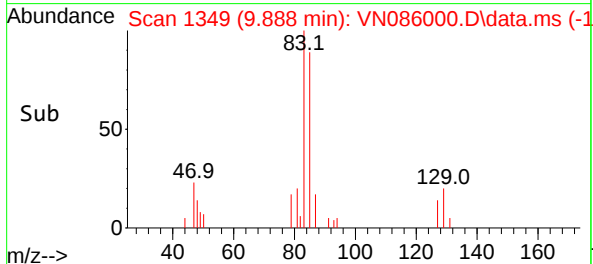
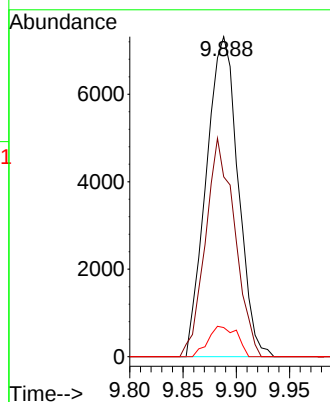
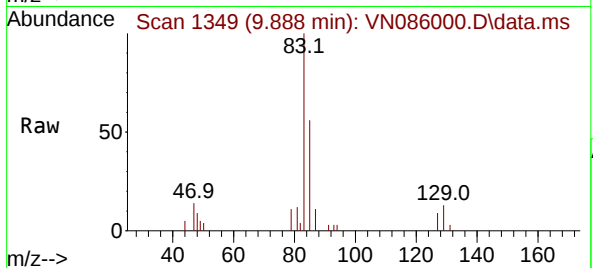
Tgt Ion:	83	Resp:	1520
Ion Ratio	Lower	Upper	
83	100		
85	56.2	50.2	75.2
127	9.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#48

Methyl methacrylate

Concen: 4.635 ug/l

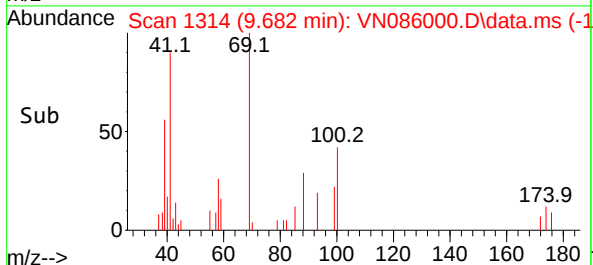
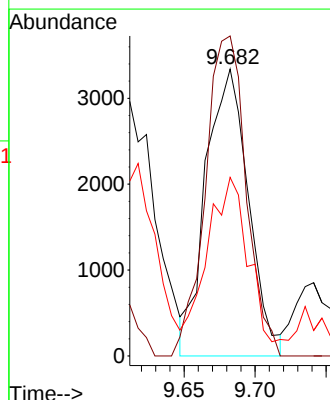
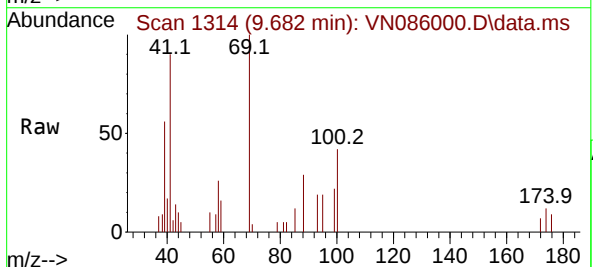
RT: 9.682 min Scan# 1314

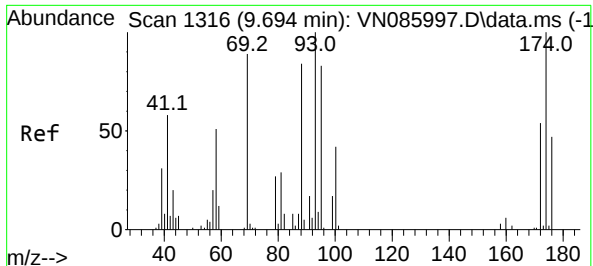
Delta R.T. 0.006 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

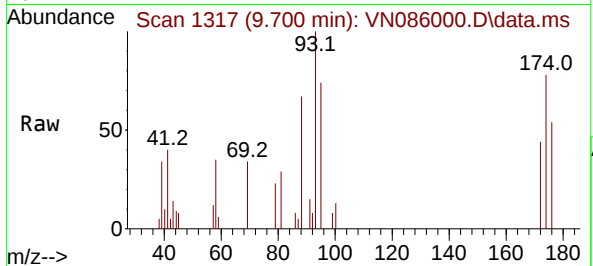
Tgt Ion:	41	Resp:	6970
Ion Ratio	Lower	Upper	
41	100		
69	106.7	83.1	124.7
39	63.4	45.6	68.4





#49
 1,4-Dioxane
 Concen: 107.772 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. 0.006 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

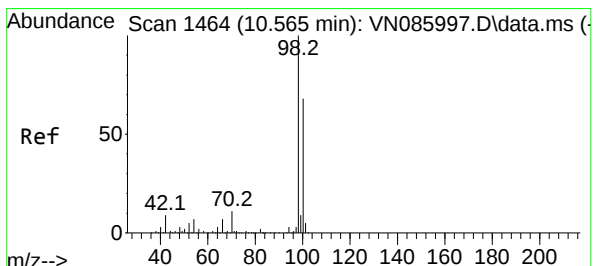
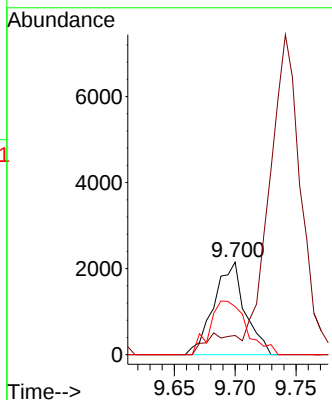
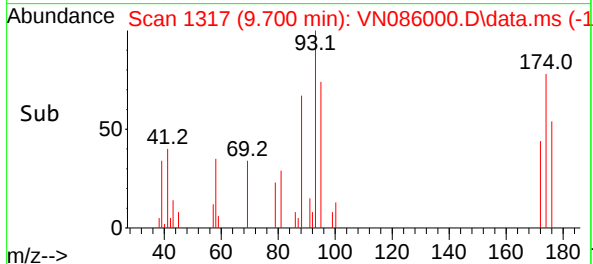


Tgt Ion: 88 Resp: 383

Ion	Ratio	Lower	Upper
88	100		
43	17.1	21.7	32.5
58	68.3	50.4	75.6

Manual Integrations
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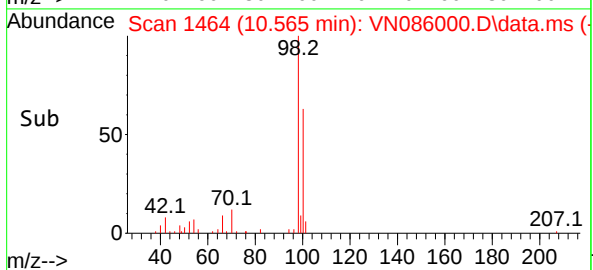
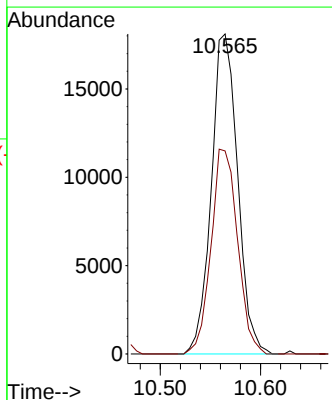
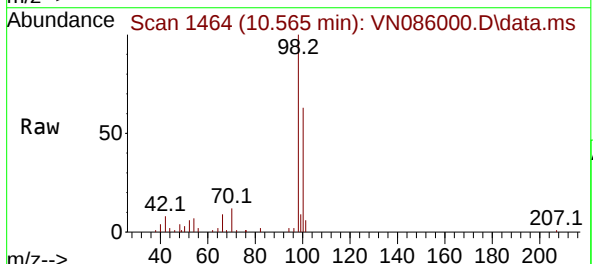
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

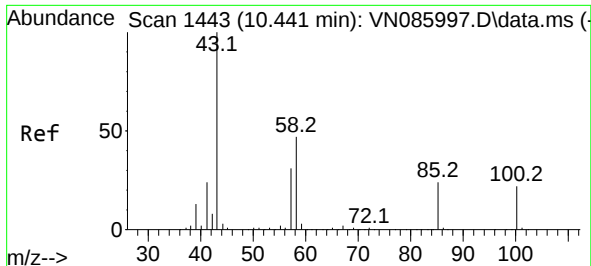


#50
 Toluene-d8
 Concen: 4.803 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

Tgt Ion: 98 Resp: 32999

Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.1	79.7





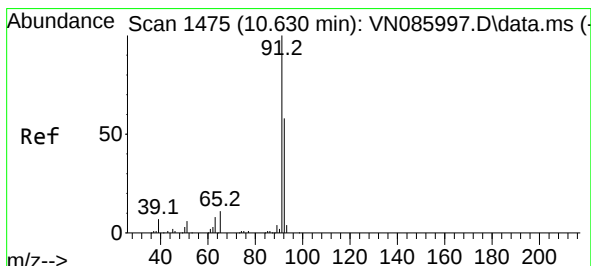
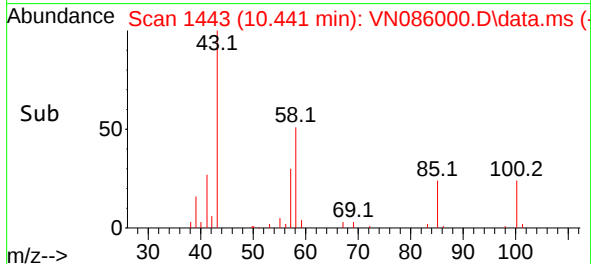
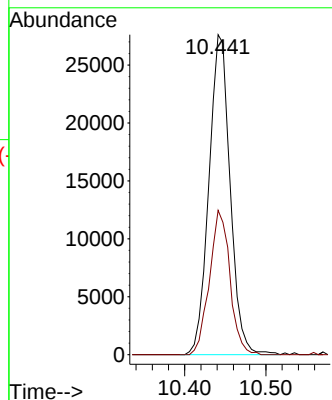
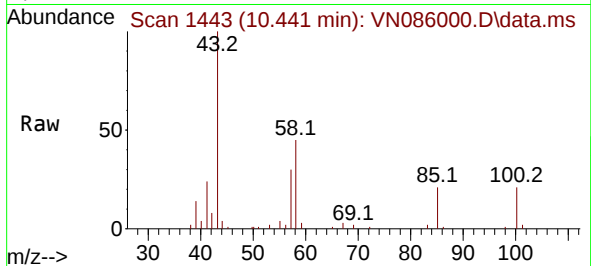
#51
4-Methyl-2-Pentanone
Concen: 24.920 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 5008
Ion Ratio Lower Upper
43 100
58 43.5 37.4 56.0

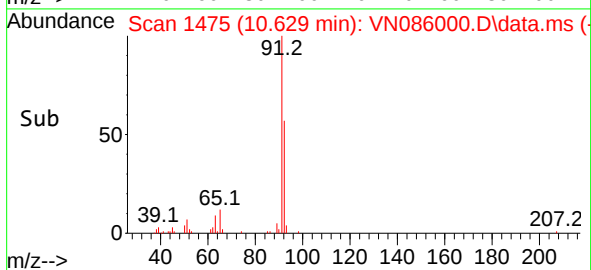
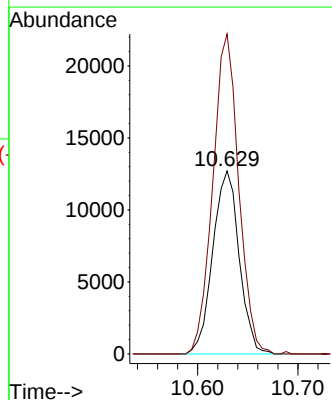
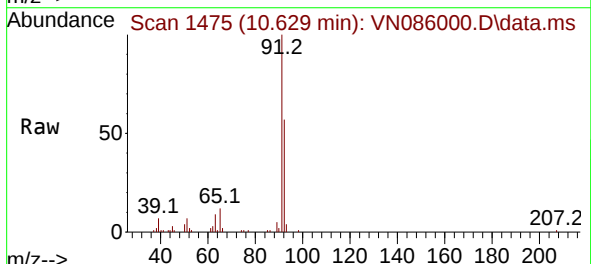
Manual Integrations
APPROVED

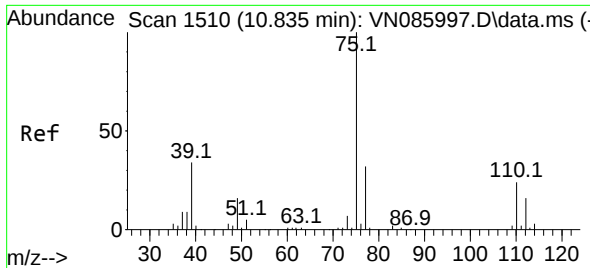
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#52
Toluene
Concen: 4.836 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion: 92 Resp: 23224
Ion Ratio Lower Upper
92 100
91 171.3 136.2 204.4





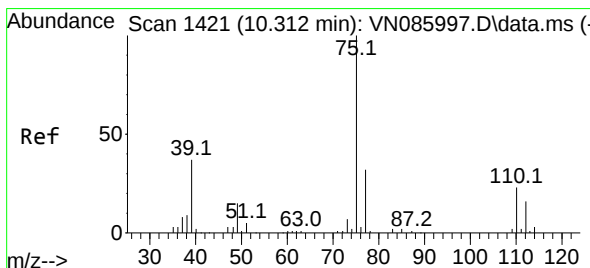
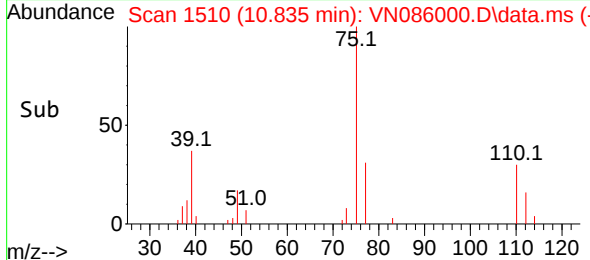
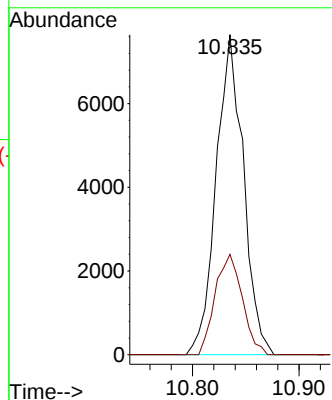
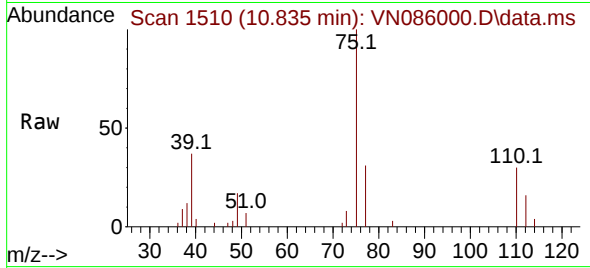
#53
 t-1,3-Dichloropropene
 Concen: 4.785 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 13594
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9

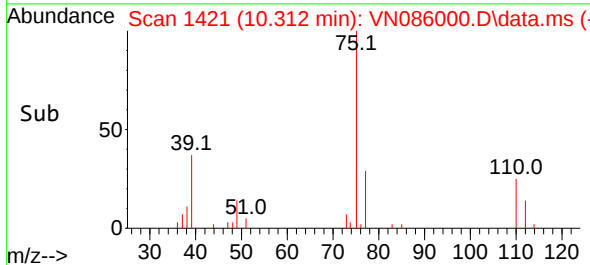
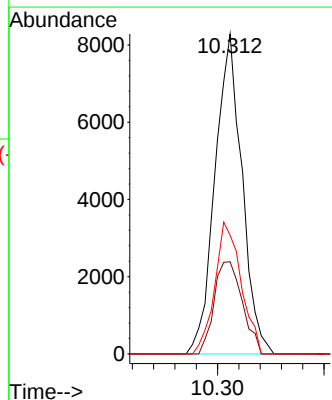
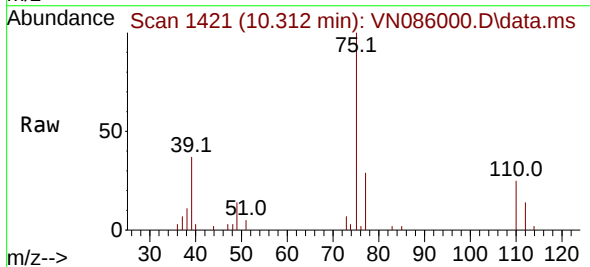
Manual Integrations
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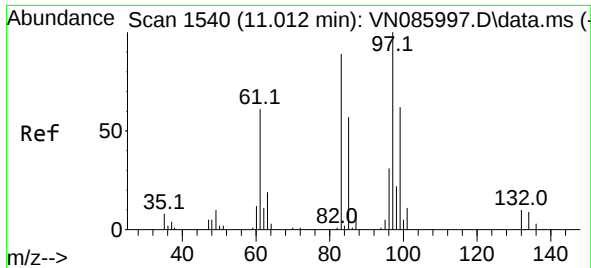
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 4.856 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

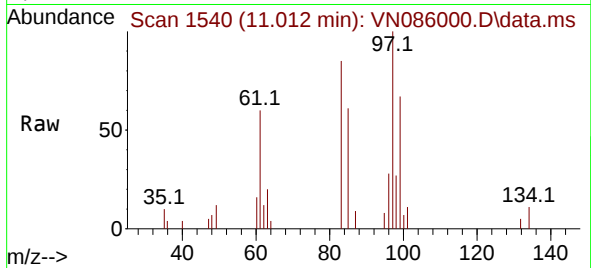
Tgt Ion: 75 Resp: 14556
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.3 37.9
 39 37.1 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 5.007 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

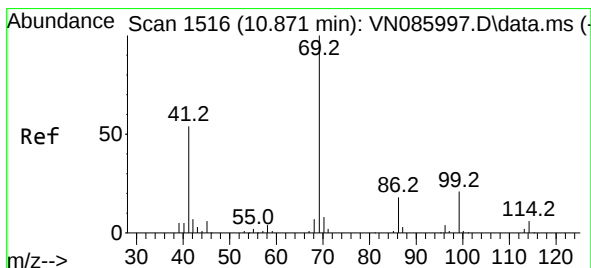
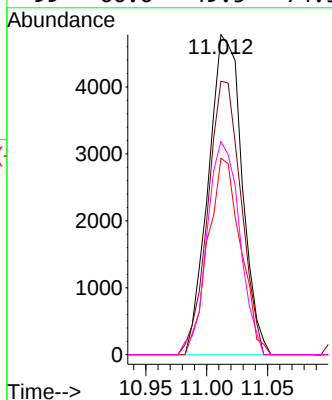
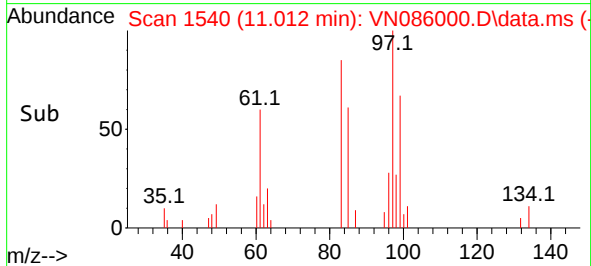
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	71.2	106.8
85	61.3	45.4	68.0
99	66.6	49.5	74.3

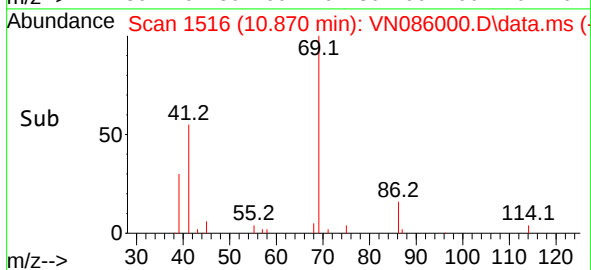
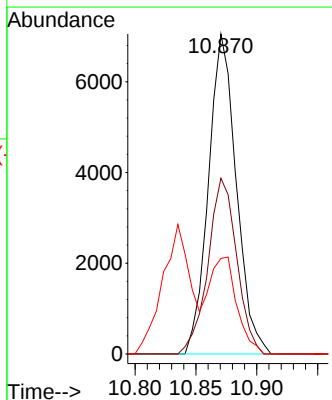
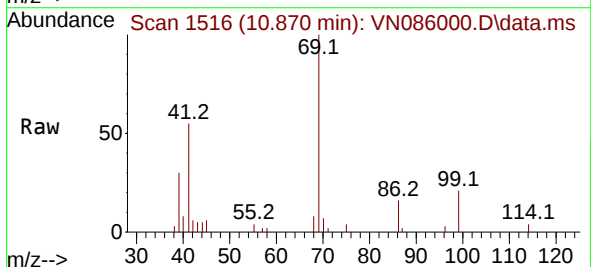
Manual Integrations
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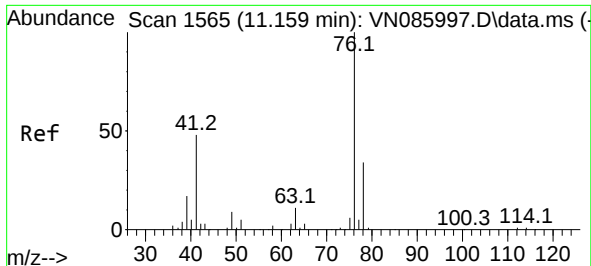
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#56
Ethyl methacrylate
Concen: 4.940 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

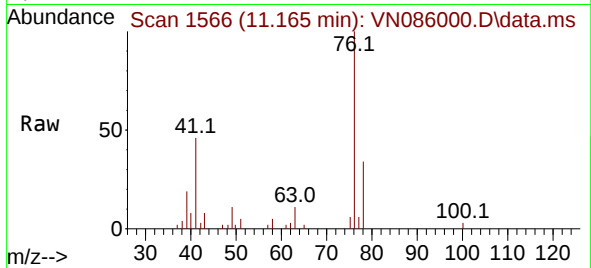
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.6	41.6	62.4
39	30.7	21.8	32.8





#57
1,3-Dichloropropane
Concen: 4.858 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

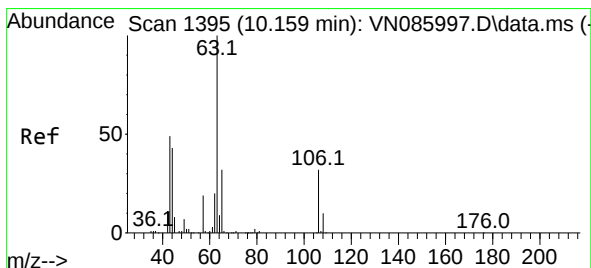
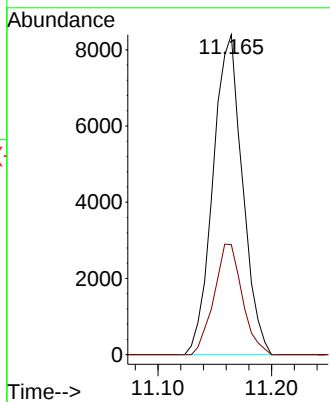
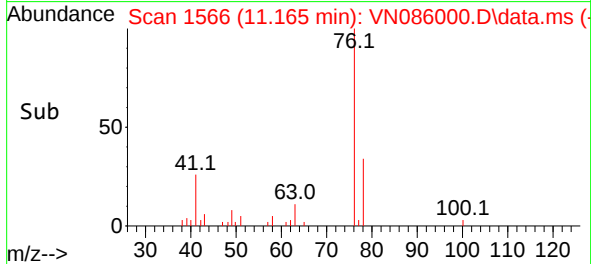
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 15120
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.6

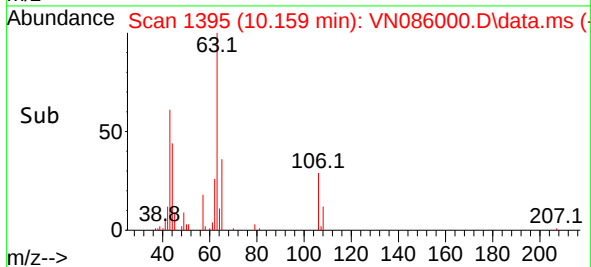
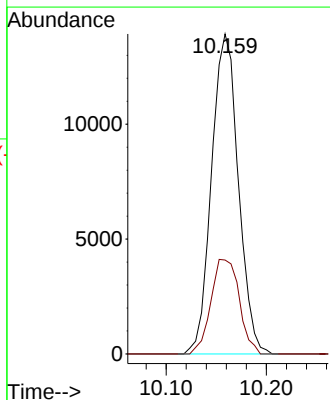
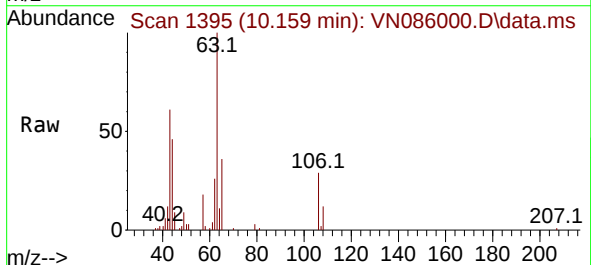
Manual Integrations
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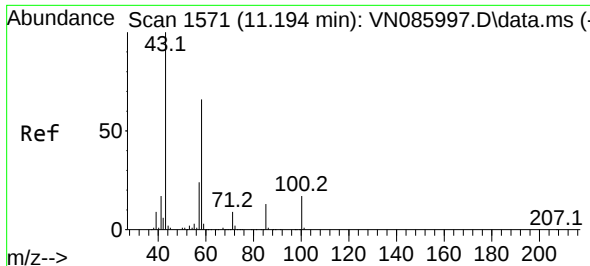
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 31.548 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

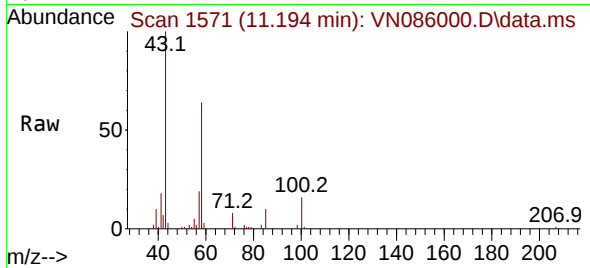
Tgt Ion: 63 Resp: 25811
Ion Ratio Lower Upper
63 100
106 31.3 25.0 37.6





#59
2-Hexanone
Concen: 24.217 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

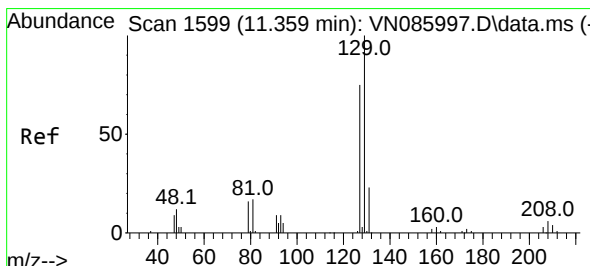
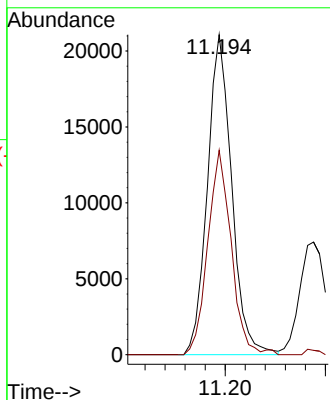
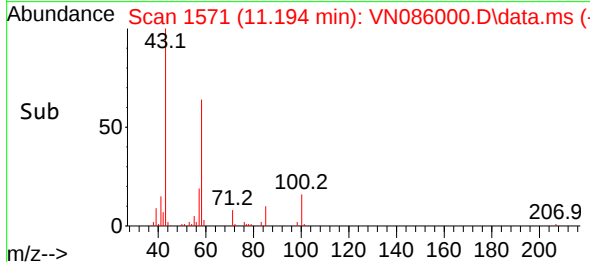
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3545
Ion Ratio Lower Upper
43 100
58 61.7 32.4 97.2

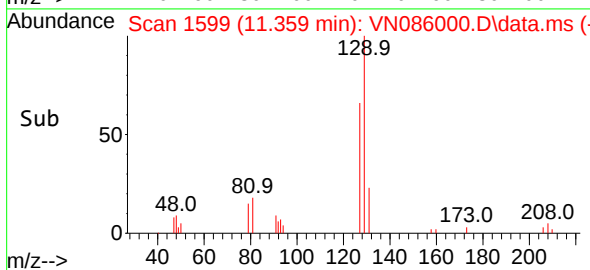
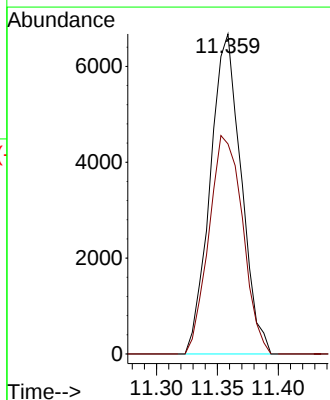
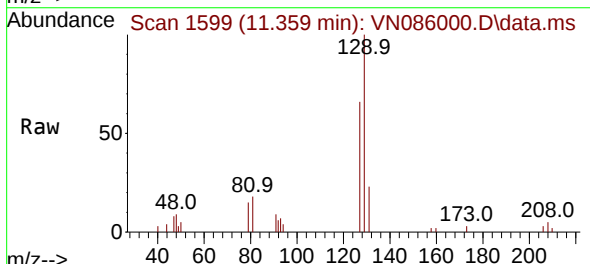
Manual Integrations
APPROVED

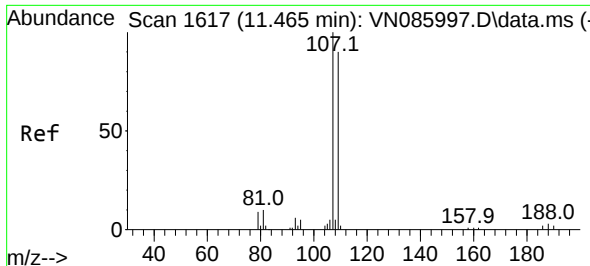
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#60
Dibromochloromethane
Concen: 4.994 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

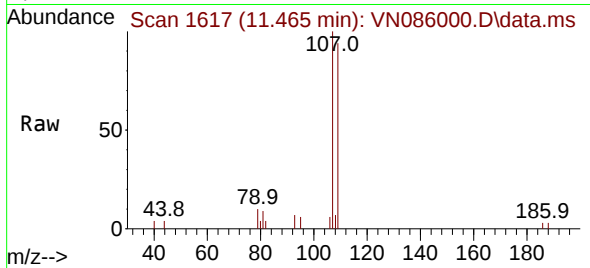
Tgt Ion:129 Resp: 11813
Ion Ratio Lower Upper
129 100
127 74.5 37.8 113.4





#61
1,2-Dibromoethane
Concen: 4.859 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

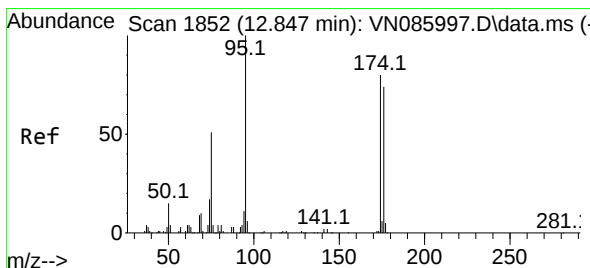
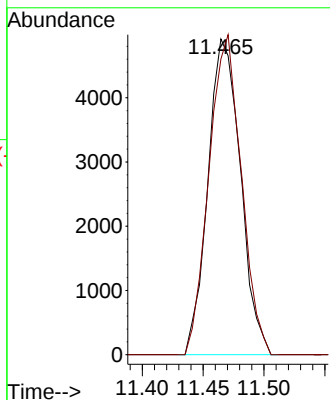
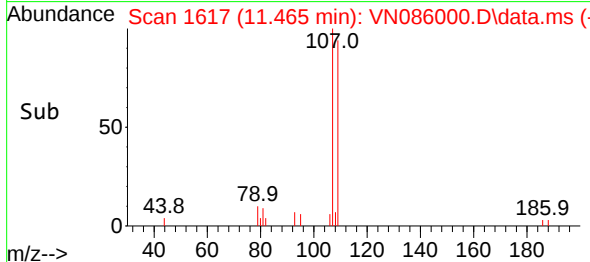
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



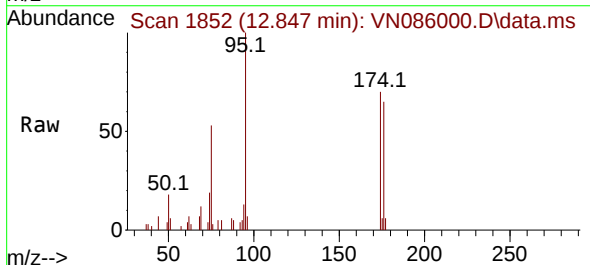
Tgt Ion:107 Resp: 914
Ion Ratio Lower Upper
107 100
109 100.7 73.3 109.9

Manual Integrations
APPROVED

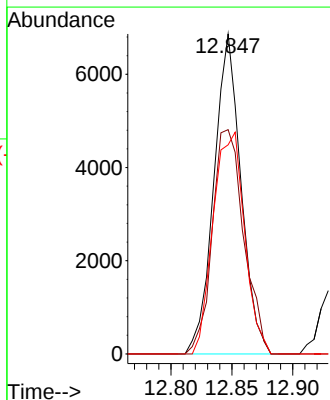
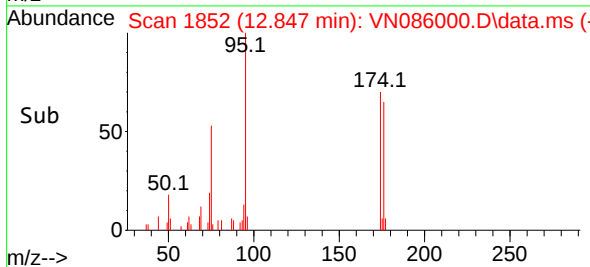
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

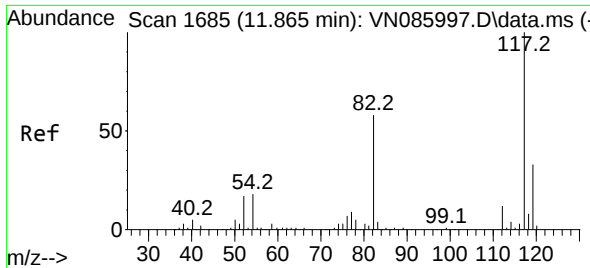


#62
4-Bromofluorobenzene
Concen: 4.332 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



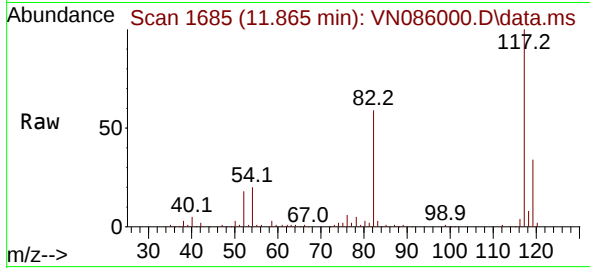
Tgt Ion: 95 Resp: 10615
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 80.4 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

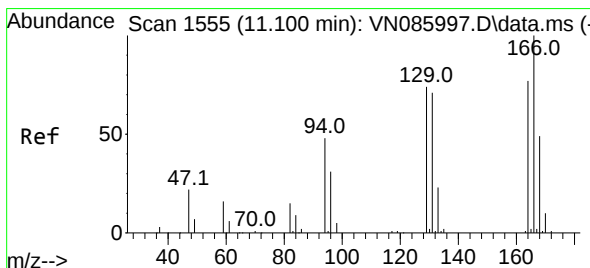
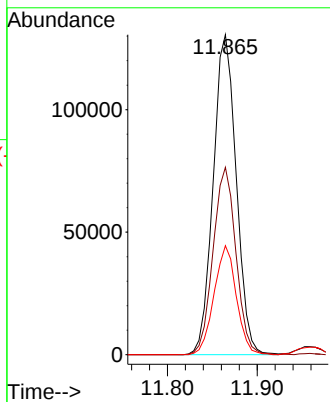
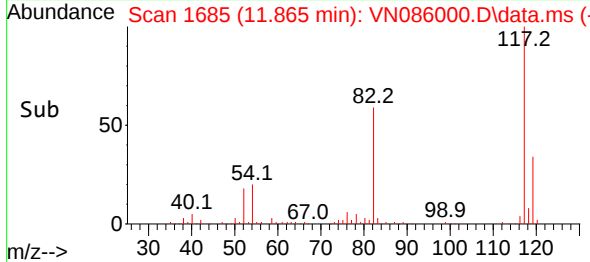
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



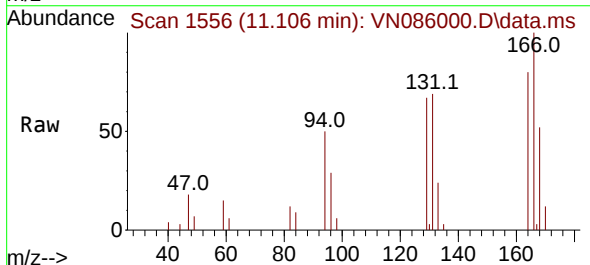
Tgt Ion:117 Resp: 232728
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 34.0 26.5 39.7

Manual Integrations
APPROVED

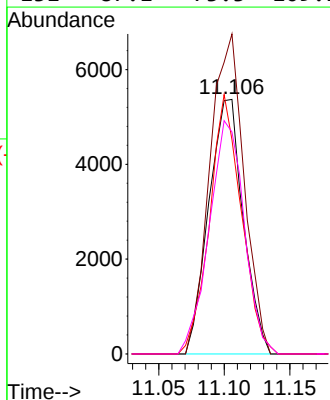
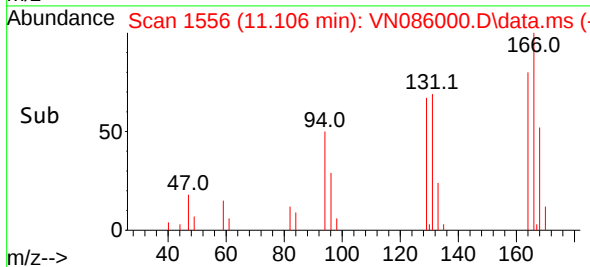
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

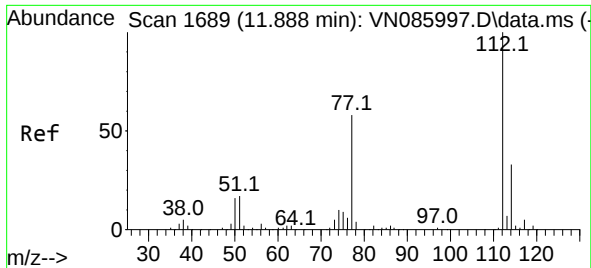


#64
Tetrachloroethene
Concen: 5.284 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



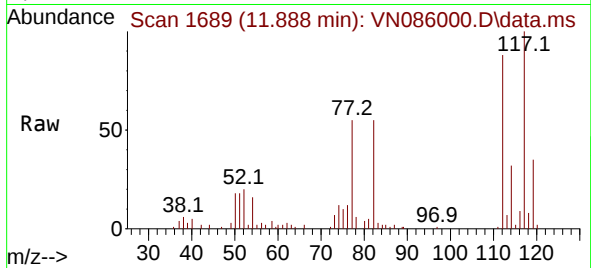
Tgt Ion:164 Resp: 9809
Ion Ratio Lower Upper
164 100
166 125.7 103.7 155.5
129 84.1 77.1 115.7
131 87.1 73.3 109.9





#65
Chlorobenzene
Concen: 5.053 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

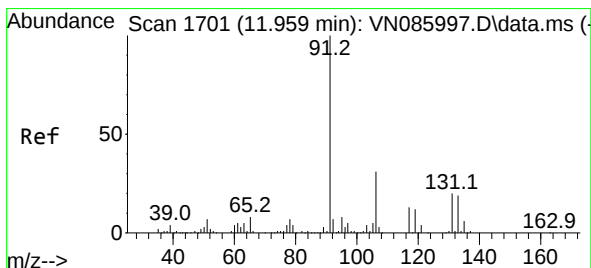
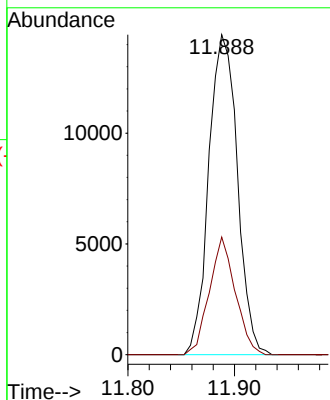
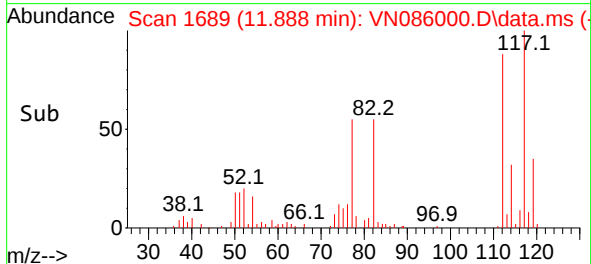
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



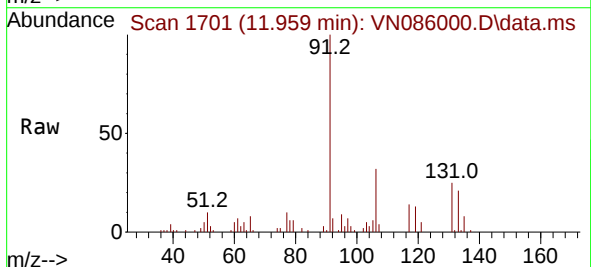
Tgt Ion:112 Resp: 26908
Ion Ratio Lower Upper
112 100
114 36.8 26.3 39.5

Manual Integrations
APPROVED

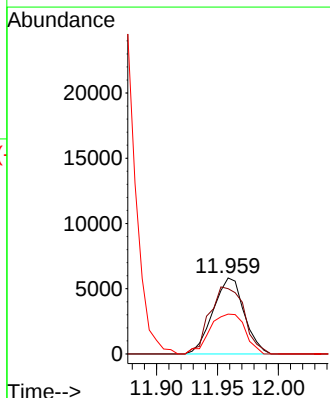
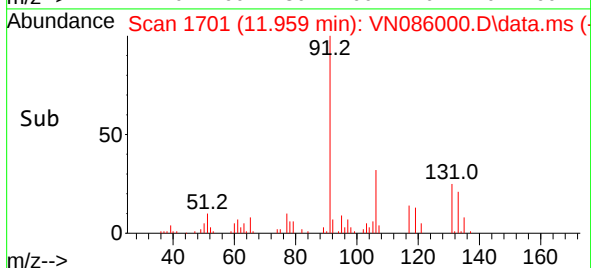
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.232 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



Tgt Ion:131 Resp: 10358
Ion Ratio Lower Upper
131 100
133 98.3 47.0 141.0
119 59.6 31.4 94.0





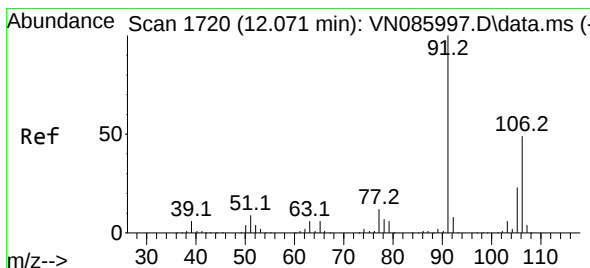
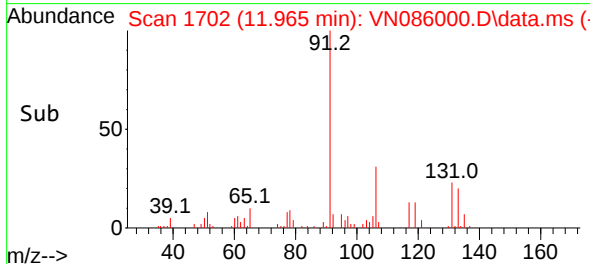
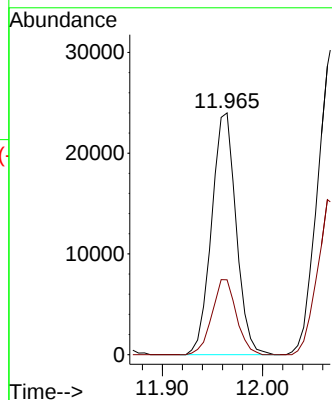
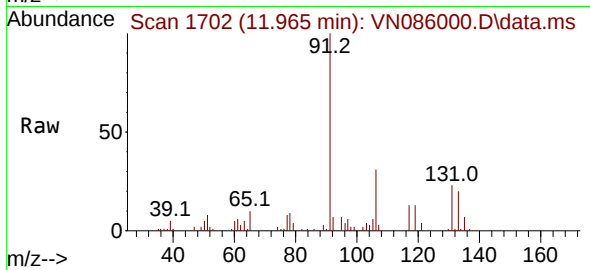
#67
Ethyl Benzene
Concen: 4.795 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 4084
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7

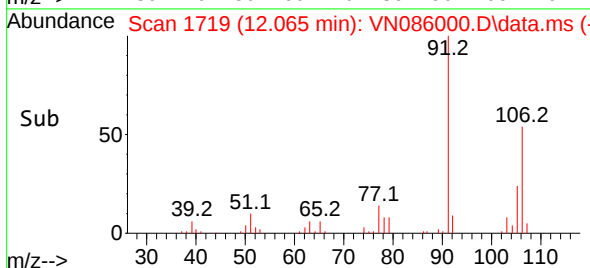
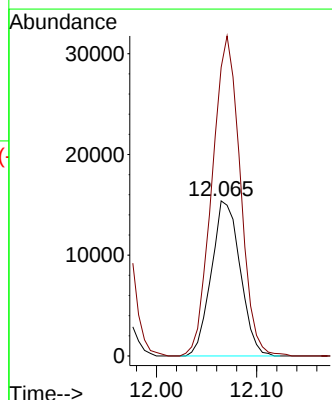
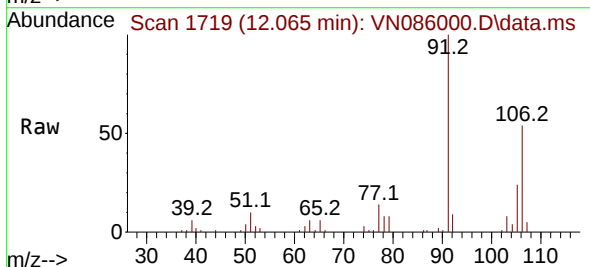
Manual Integrations
APPROVED

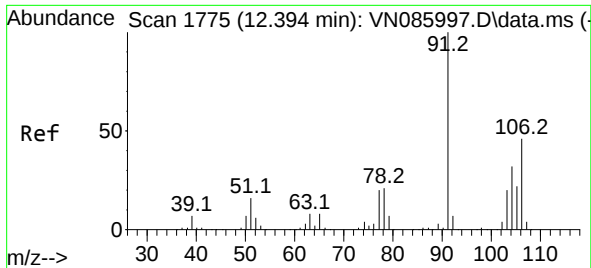
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#68
m/p-Xylenes
Concen: 9.182 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion:106 Resp: 30743
Ion Ratio Lower Upper
106 100
91 201.6 163.9 245.9





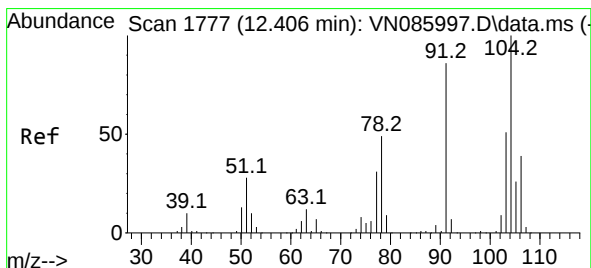
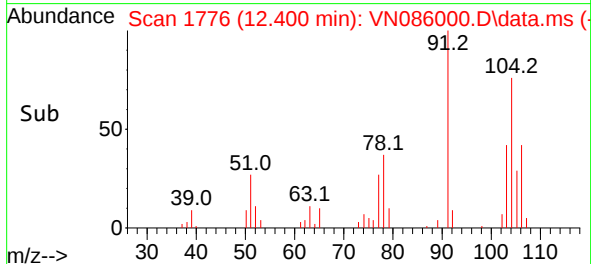
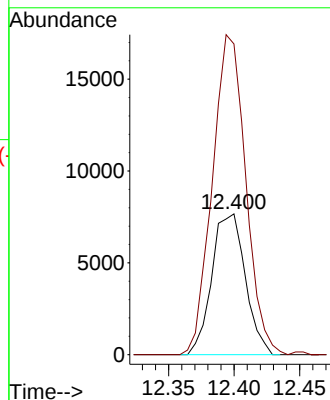
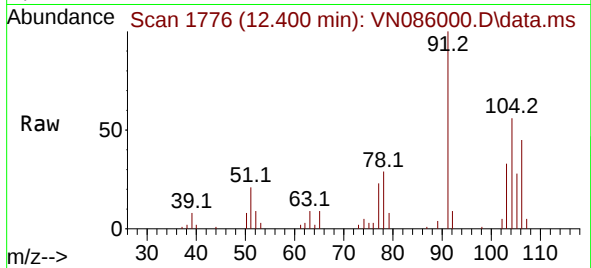
#69
o-Xylene
Concen: 4.427 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 13604
Ion Ratio Lower Upper
106 100
91 227.0 109.1 327.2

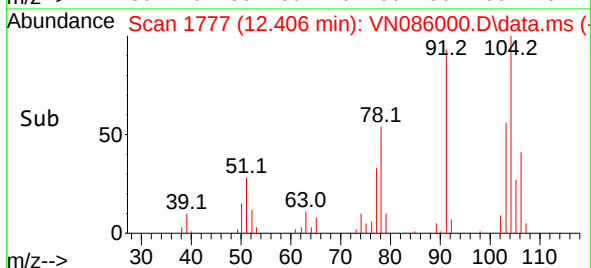
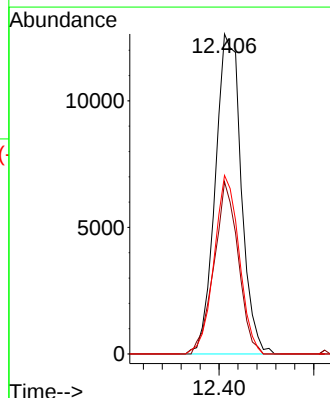
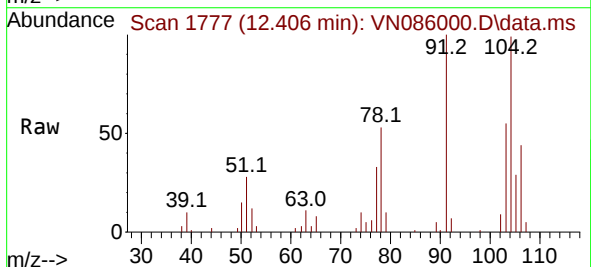
Manual Integrations
APPROVED

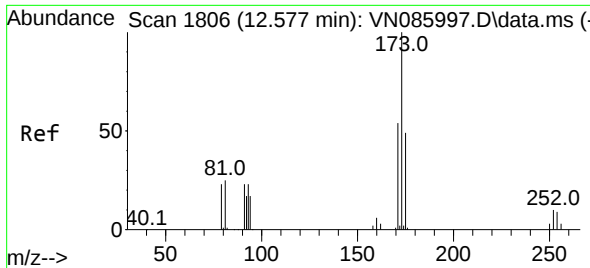
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#70
Styrene
Concen: 4.578 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion:104 Resp: 24028
Ion Ratio Lower Upper
104 100
78 50.1 41.4 62.2
103 53.9 42.9 64.3





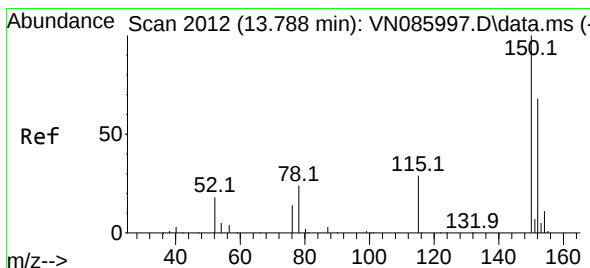
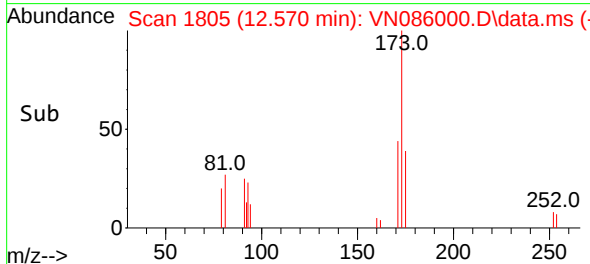
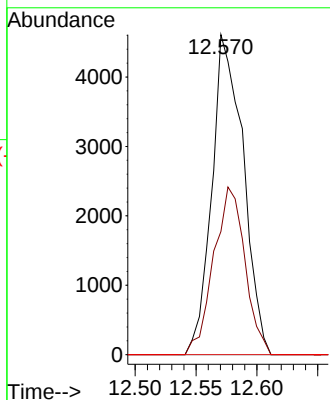
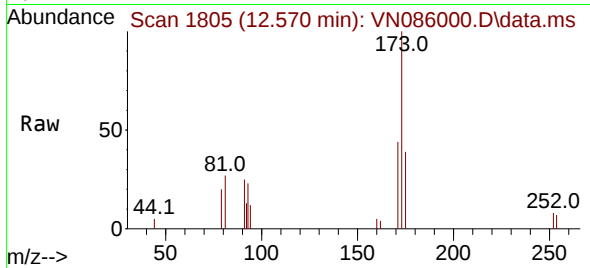
#71
Bromoform
Concen: 4.989 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 825
Ion Ratio Lower Upper
173 100
175 52.4 24.3 73.0
254 0.0 0.0 0.0

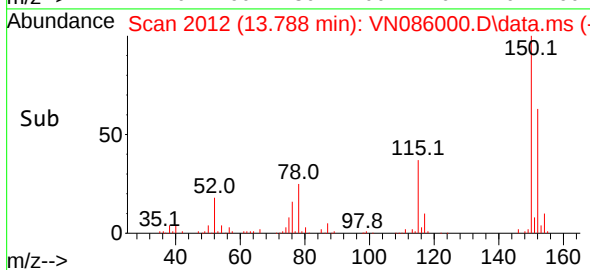
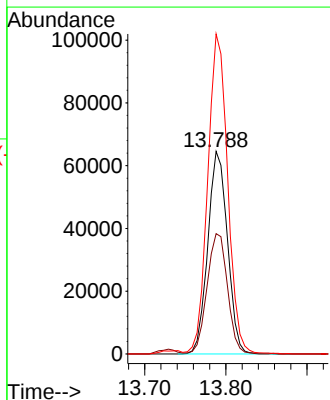
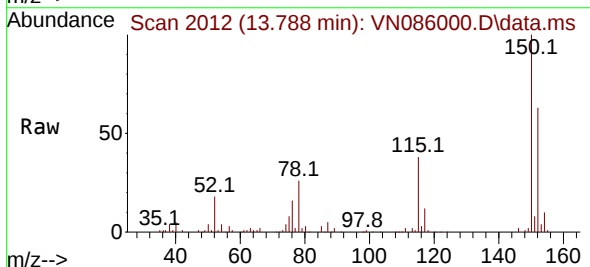
Manual Integrations
APPROVED

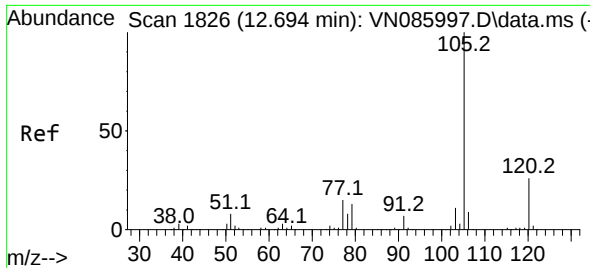
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

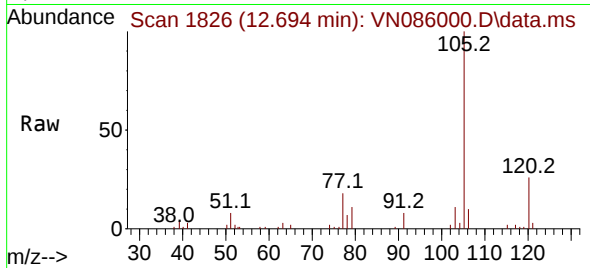
Tgt Ion:152 Resp: 108673
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.2
150 160.3 0.0 359.6





#73
Isopropylbenzene
Concen: 4.780 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

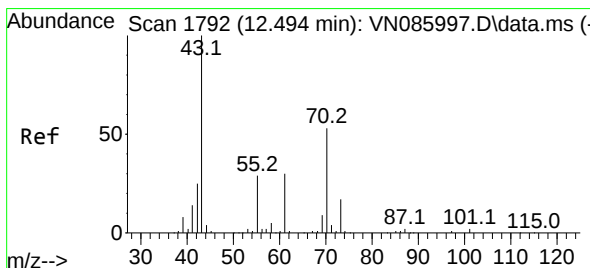
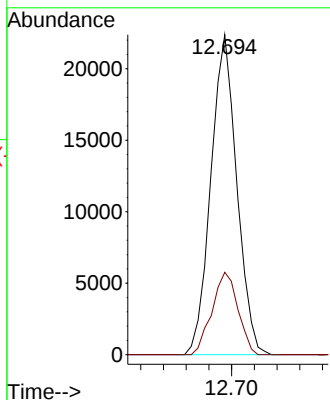
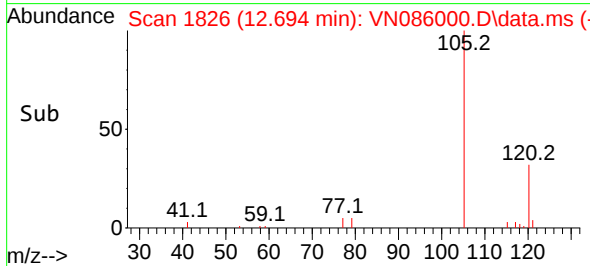
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



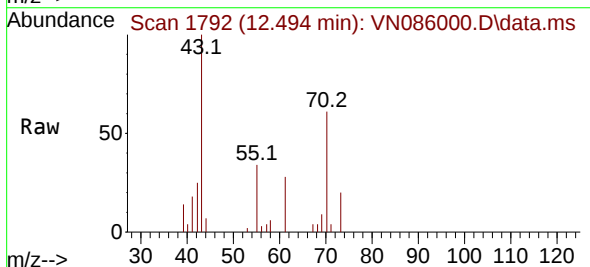
Tgt Ion:105 Resp: 35470
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

Manual Integrations
APPROVED

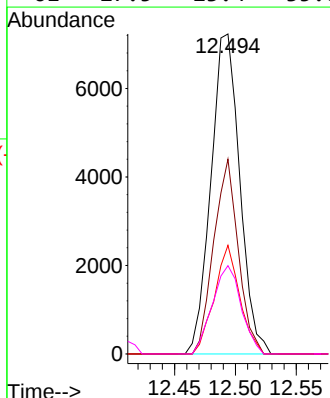
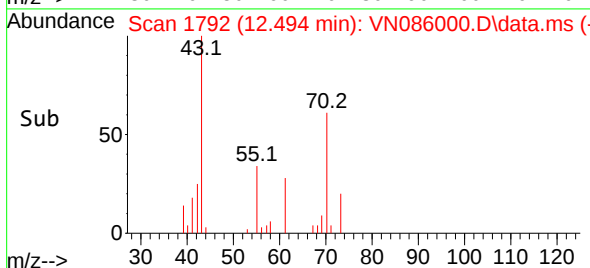
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

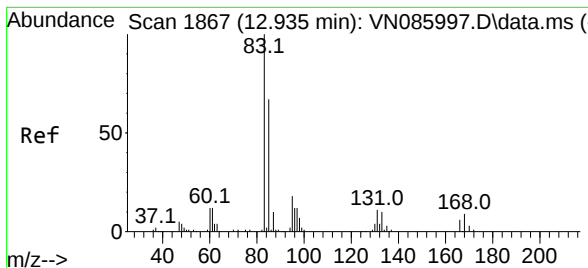


#74
N-ethyl acetate
Concen: 4.806 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



Tgt Ion: 43 Resp: 11933
Ion Ratio Lower Upper
43 100
70 51.9 43.0 64.4
55 30.0 23.8 35.8
61 27.5 23.4 35.0





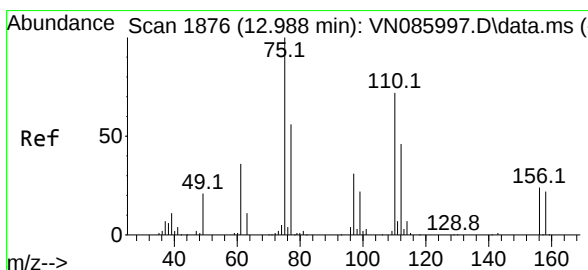
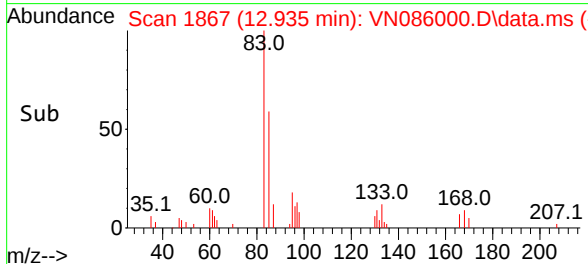
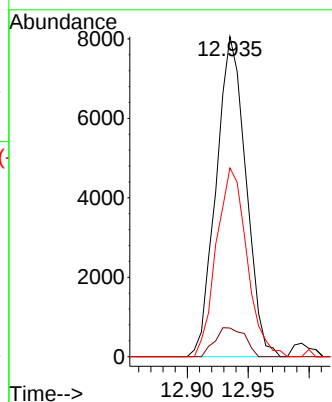
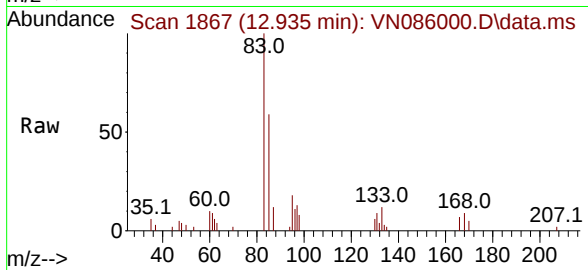
#75
1,1,2,2-Tetrachloroethane
Concen: 5.457 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 13700
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.5
85 60.4 32.6 97.8

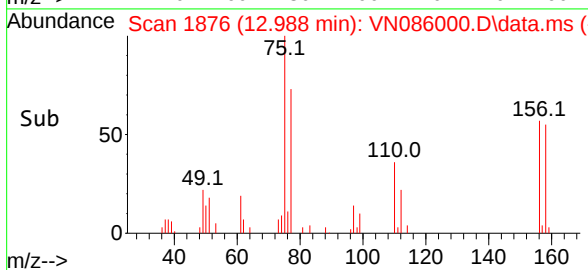
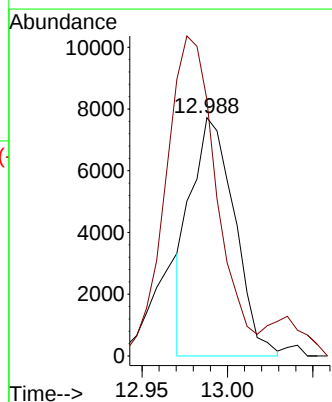
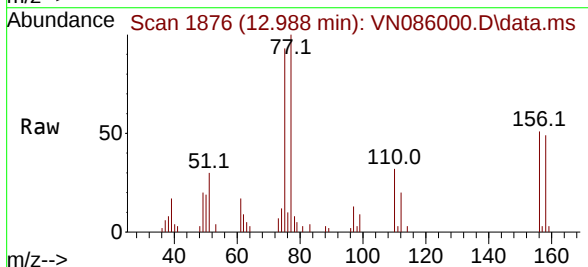
Manual Integrations
APPROVED

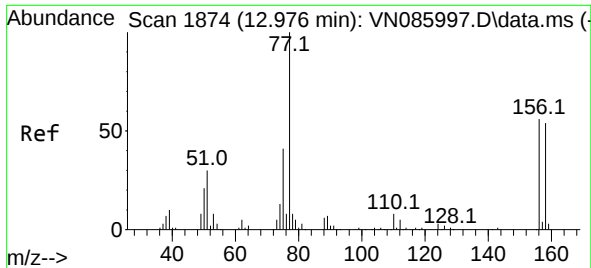
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#76
1,2,3-Trichloropropane
Concen: 5.543 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

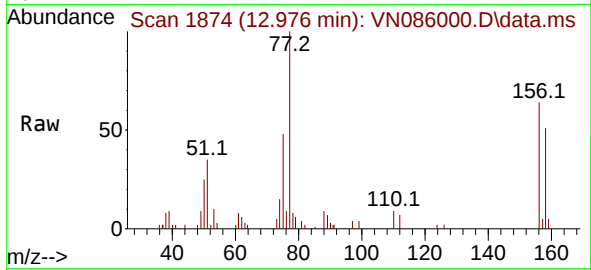
Tgt Ion: 75 Resp: 13734
Ion Ratio Lower Upper
75 100
77 156.4 83.7 251.0





#77
Bromobenzene
Concen: 5.222 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

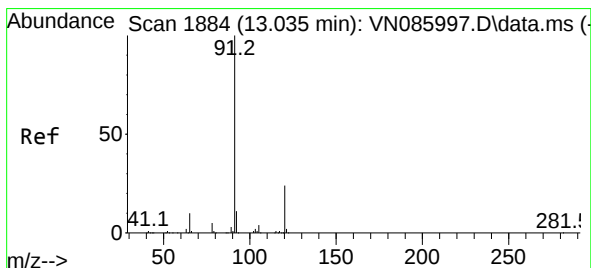
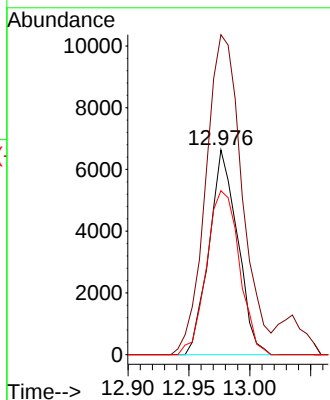
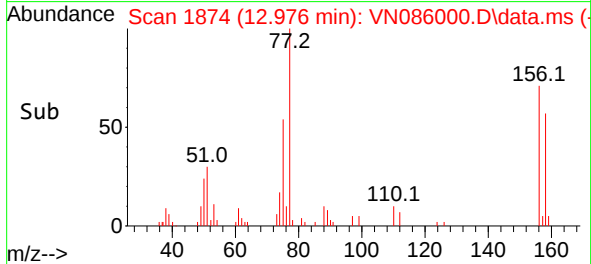
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



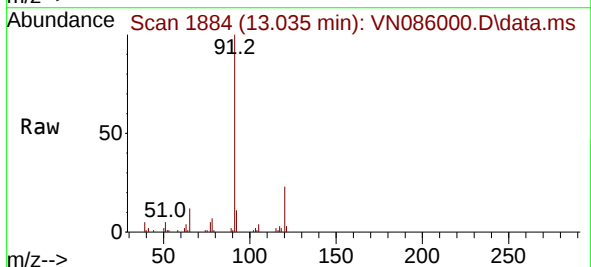
Tgt Ion:156 Resp: 1080
Ion Ratio Lower Upper
156 100
77 198.8 104.1 312.3
158 92.3 49.0 147.0

Manual Integrations
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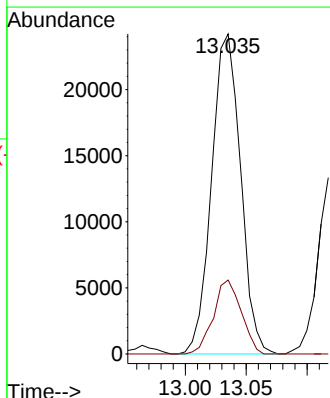
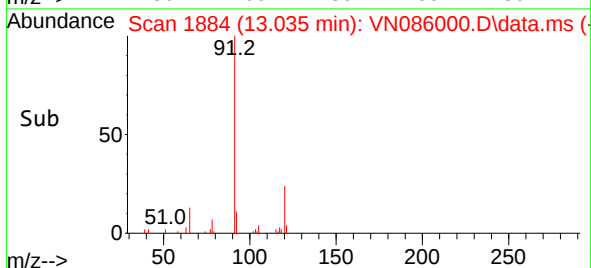
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

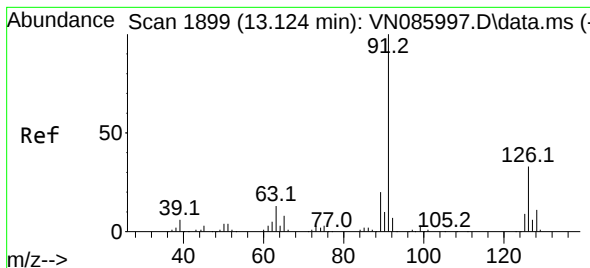


#78
n-propylbenzene
Concen: 4.766 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



Tgt Ion: 91 Resp: 40052
Ion Ratio Lower Upper
91 100
120 22.1 11.7 35.0





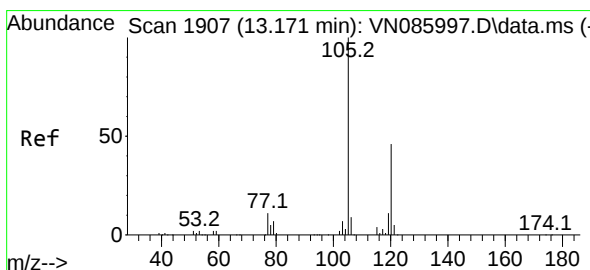
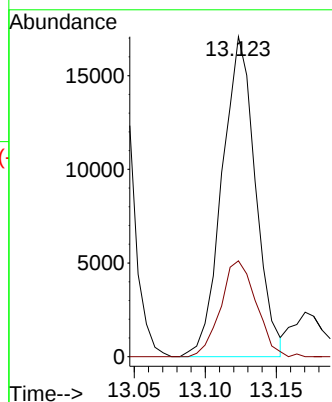
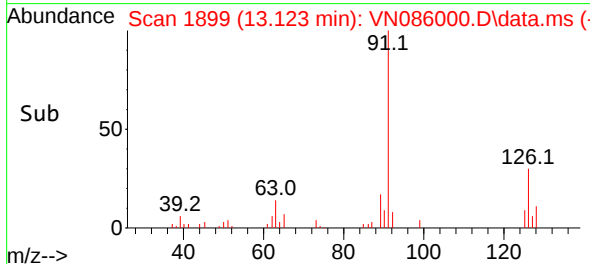
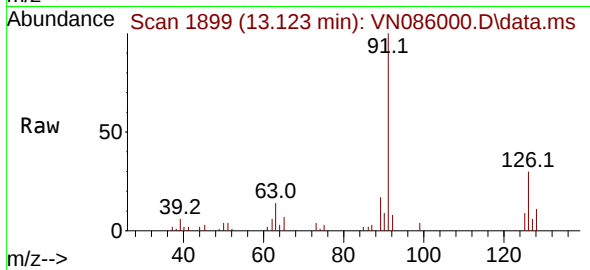
#79
2-Chlorotoluene
Concen: 5.011 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 27970
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.2

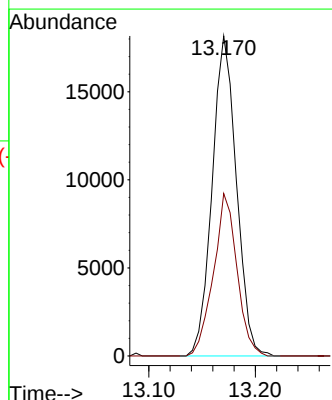
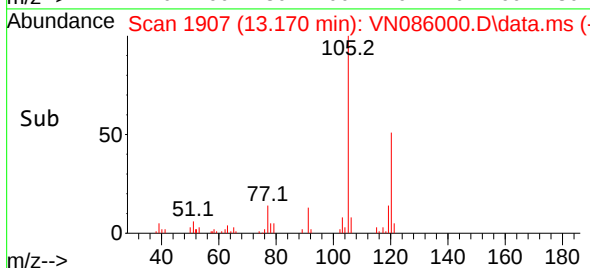
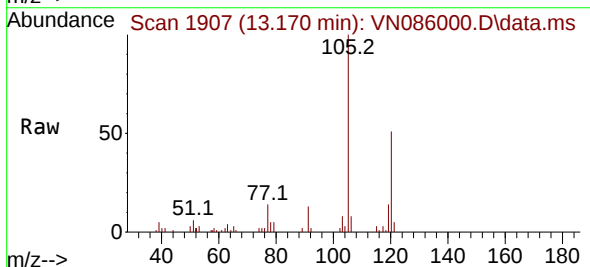
Manual Integrations
APPROVED

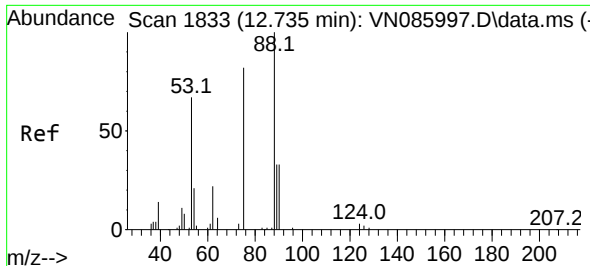
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.576 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

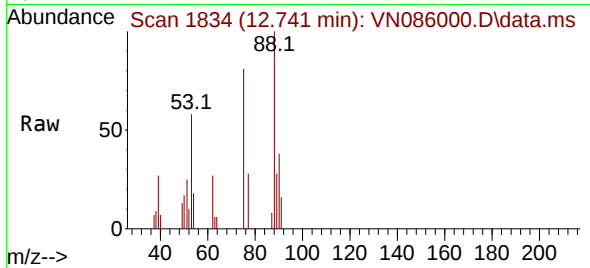
Tgt Ion:105 Resp: 28674
Ion Ratio Lower Upper
105 100
120 49.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 4.688 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

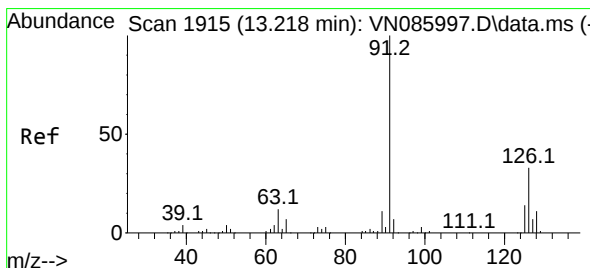
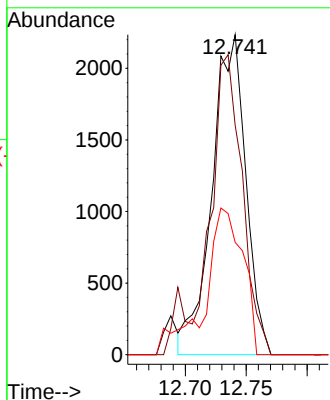
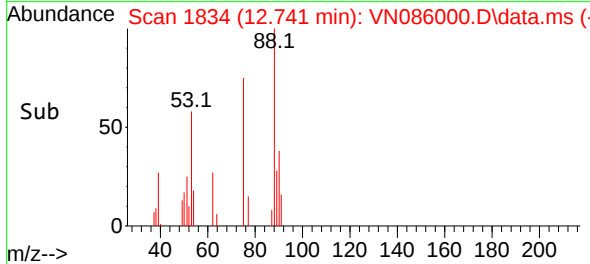
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 4314
Ion Ratio Lower Upper
75 100
53 83.7 66.0 99.0
89 51.6 36.9 55.3

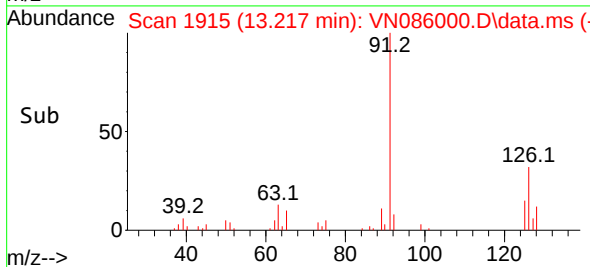
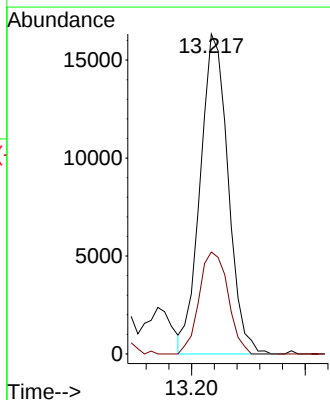
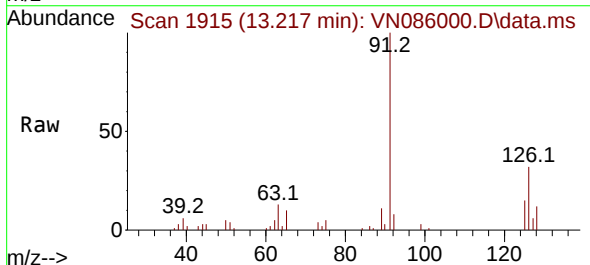
Manual Integrations
APPROVED

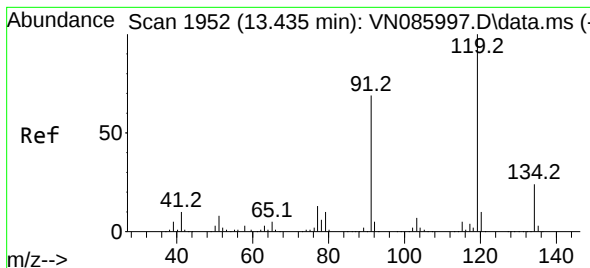
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#82
4-Chlorotoluene
Concen: 4.859 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

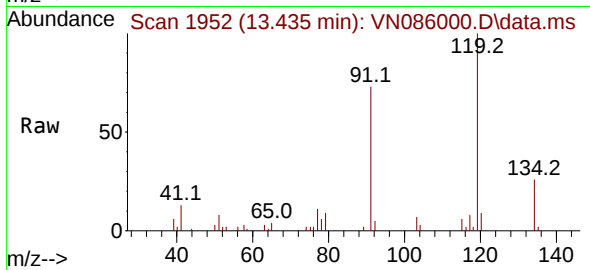
Tgt Ion: 91 Resp: 27891
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2





#83
tert-Butylbenzene
Concen: 4.621 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

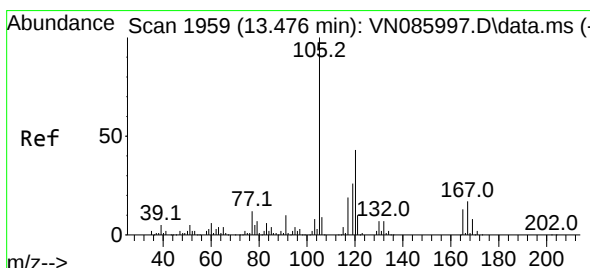
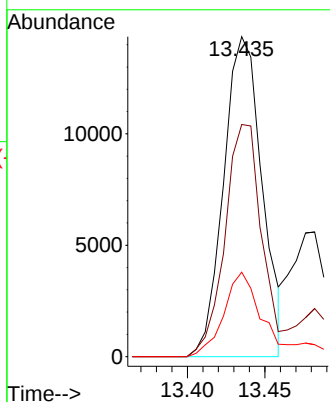
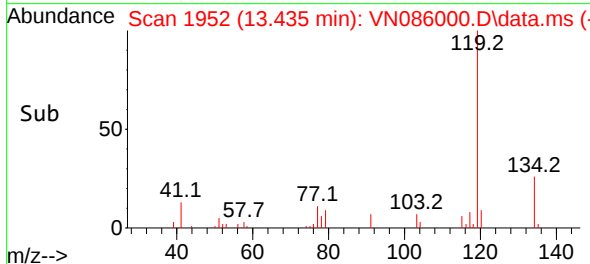
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



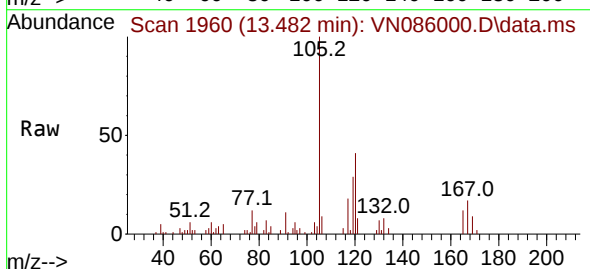
Tgt Ion:119 Resp: 24760
Ion Ratio Lower Upper
119 100
91 70.6 34.3 102.9
134 26.2 13.5 40.5

Manual Integrations
APPROVED

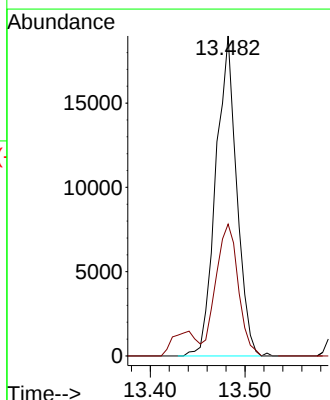
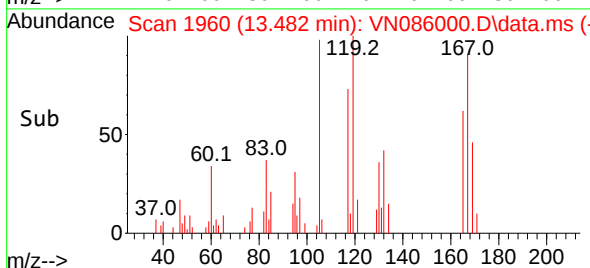
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

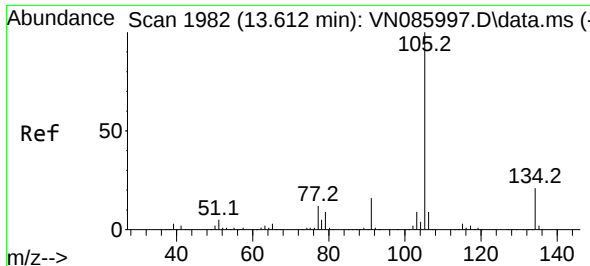


#84
1,2,4-Trimethylbenzene
Concen: 4.615 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



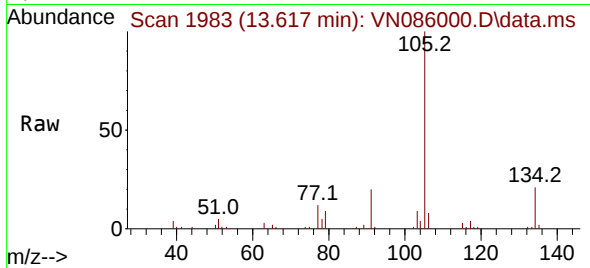
Tgt Ion:105 Resp: 29165
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 4.677 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21

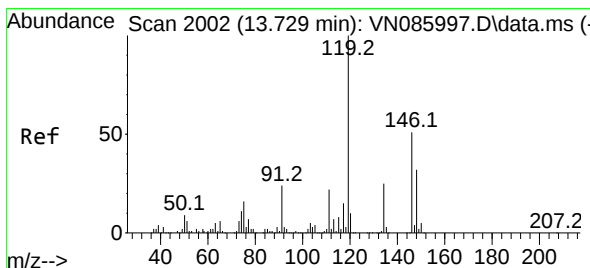
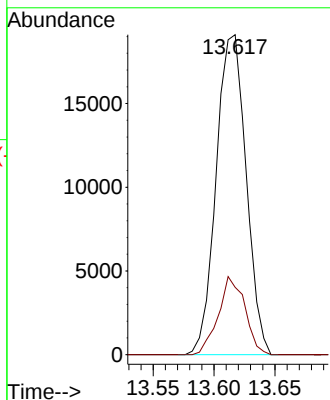
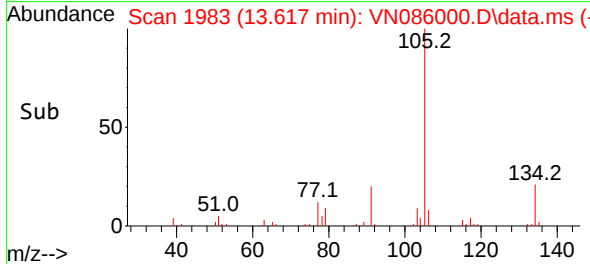
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



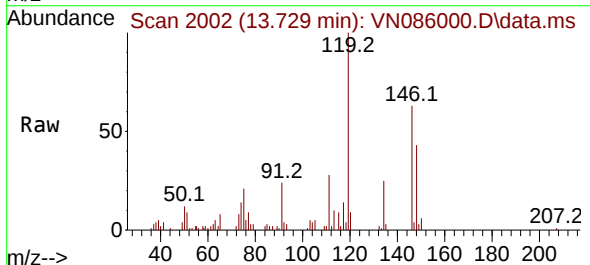
Tgt Ion:105 Resp: 32694
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.1 30.1

Manual Integrations
 APPROVED

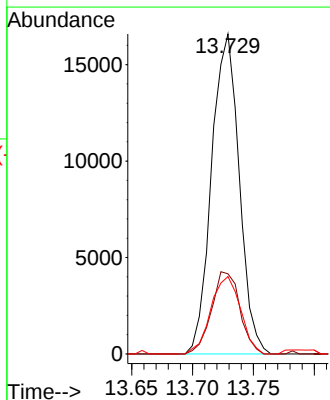
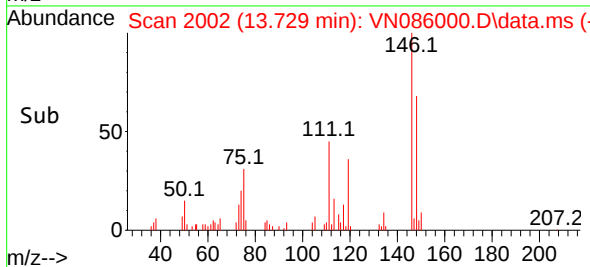
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

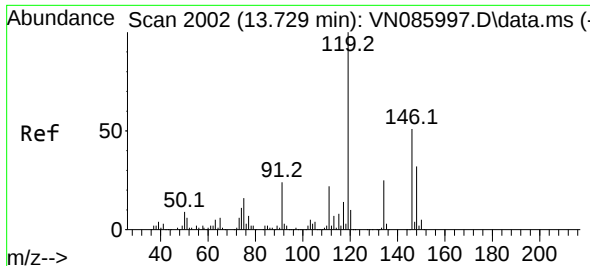


#86
 p-Isopropyltoluene
 Concen: 4.425 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086000.D
 Acq: 18 Mar 2025 13:21



Tgt Ion:119 Resp: 26188
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 26.0 12.3 36.8





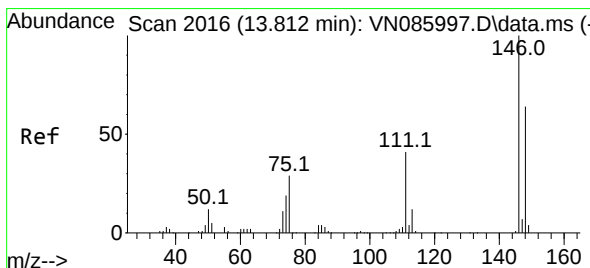
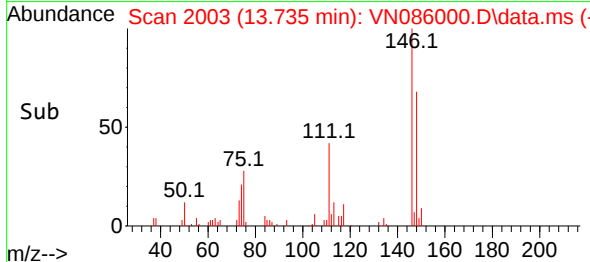
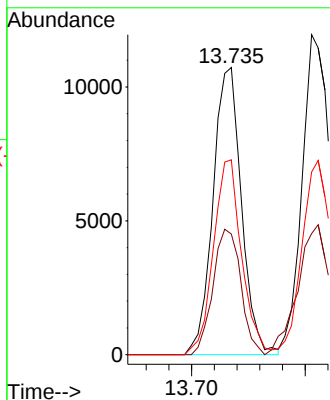
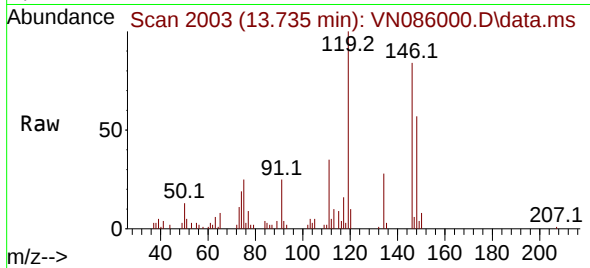
#87
1,3-Dichlorobenzene
Concen: 5.004 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 18660
Ion Ratio Lower Upper
146 100
111 42.7 21.2 63.6
148 67.4 31.8 95.4

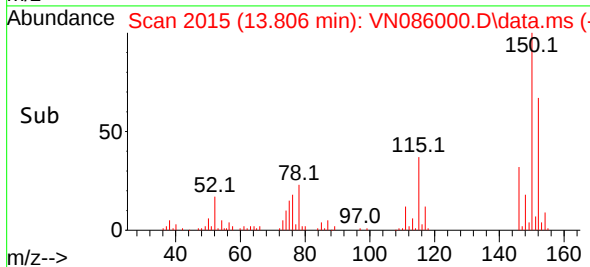
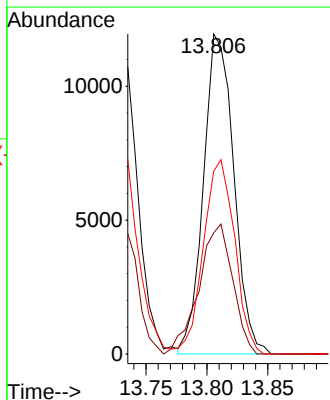
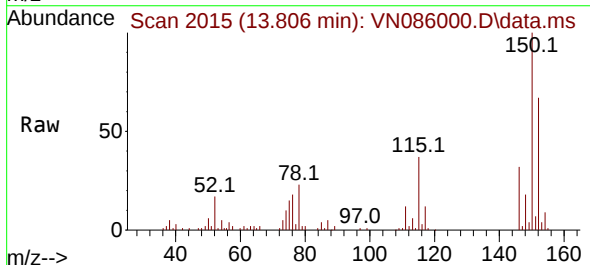
Manual Integrations
APPROVED

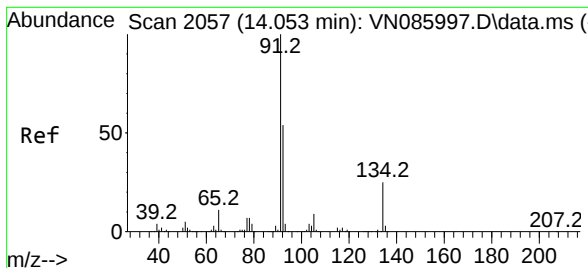
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#88
1,4-Dichlorobenzene
Concen: 5.288 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion:146 Resp: 20725
Ion Ratio Lower Upper
146 100
111 45.3 20.4 61.3
148 62.6 32.1 96.5





#89

n-Butylbenzene

Concen: 4.468 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

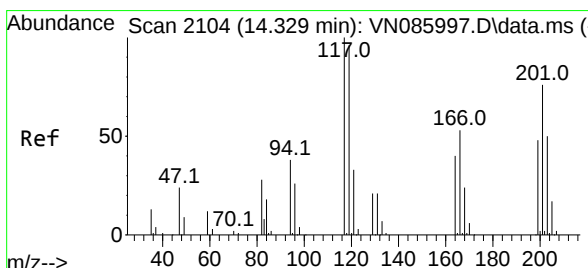
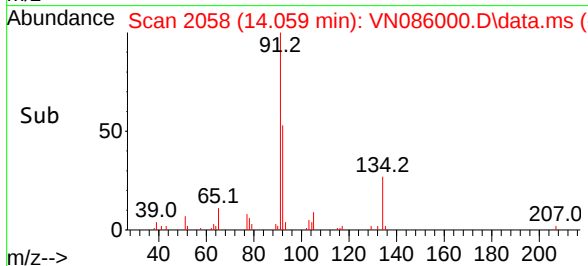
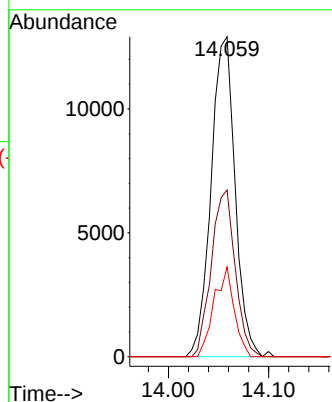
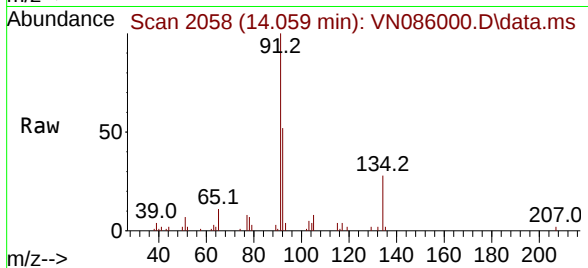
Tgt Ion: 91	Resp: 21529
Ion Ratio	Lower Upper
91 100	
92 51.7	26.9 80.6
134 23.4	13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#90

Hexachloroethane

Concen: 5.154 ug/l

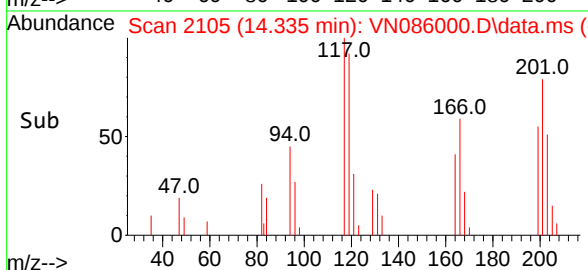
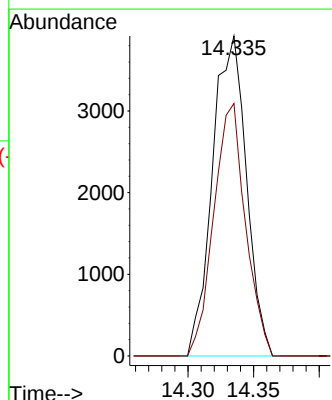
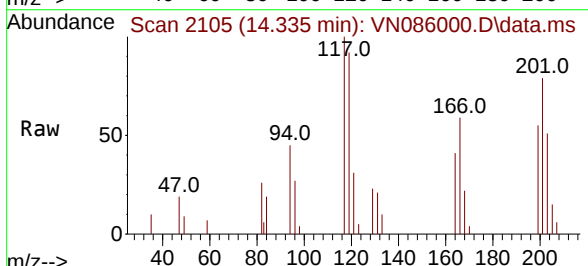
RT: 14.335 min Scan# 2105

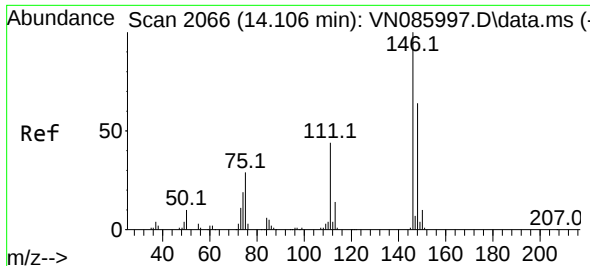
Delta R.T. 0.006 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

Tgt Ion: 117	Resp: 7037
Ion Ratio	Lower Upper
117 100	
201 73.8	39.1 117.3





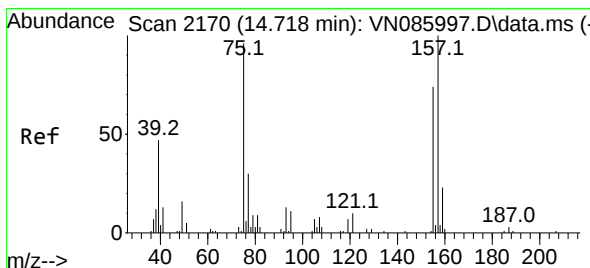
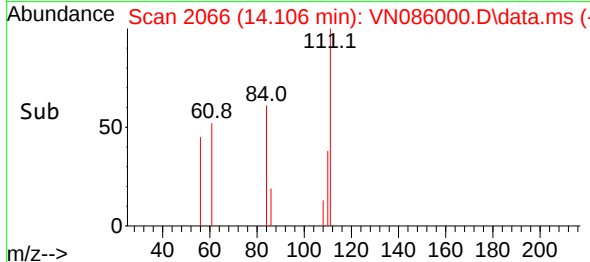
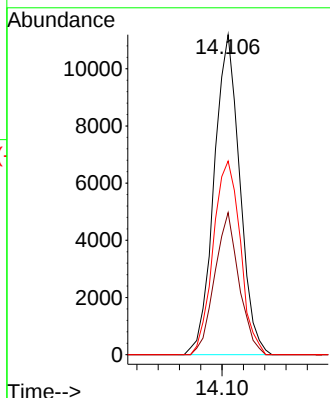
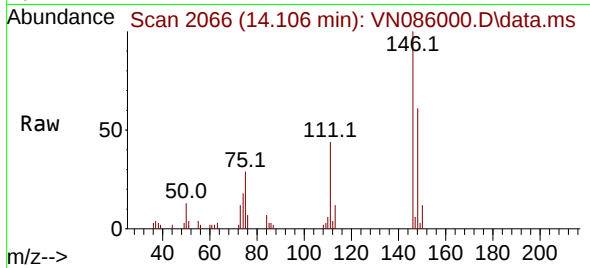
#91
1,2-Dichlorobenzene
Concen: 5.052 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1873
Ion Ratio Lower Upper
146 100
111 42.1 22.3 66.8
148 63.8 32.1 96.5

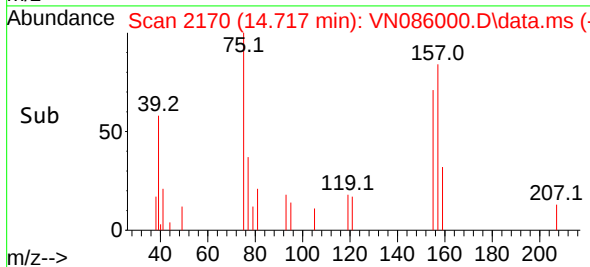
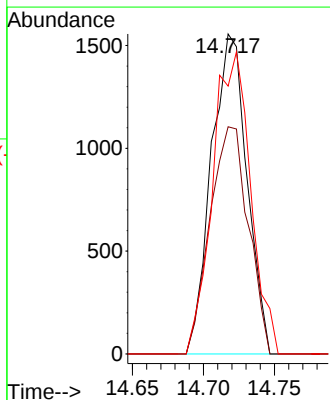
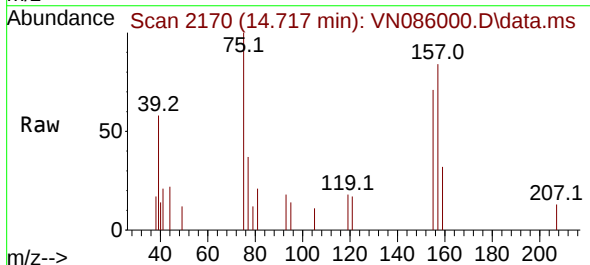
Manual Integrations
APPROVED

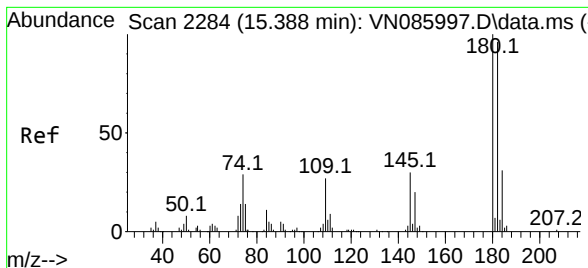
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.415 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

Tgt Ion: 75 Resp: 2714
Ion Ratio Lower Upper
75 100
155 76.3 41.0 123.0
157 100.4 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 4.962 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

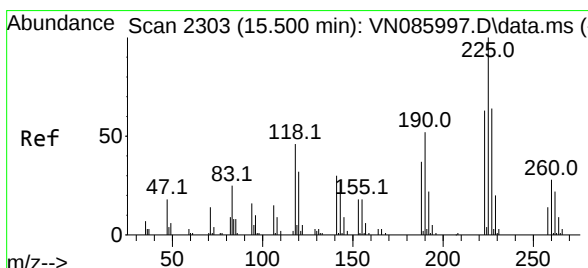
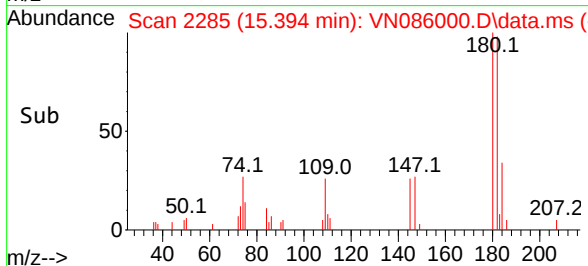
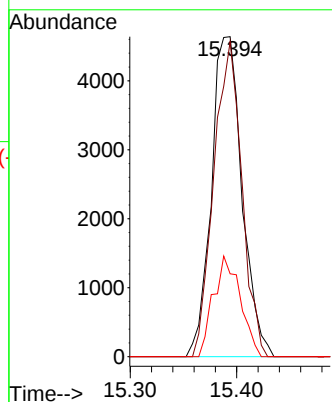
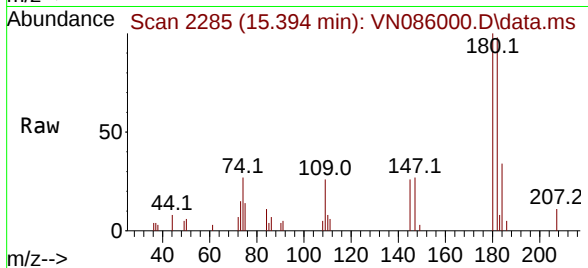
Tgt Ion:180	Resp:	925
Ion Ratio	Lower	Upper
180	100	
182	89.9	47.0 141.0
145	27.5	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#94

Hexachlorobutadiene

Concen: 5.240 ug/l

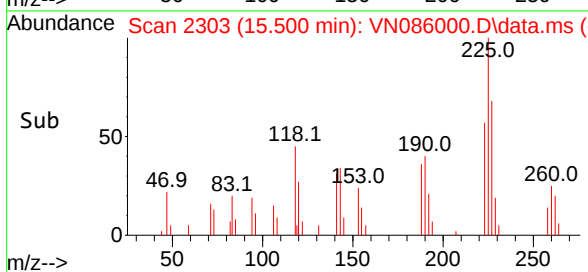
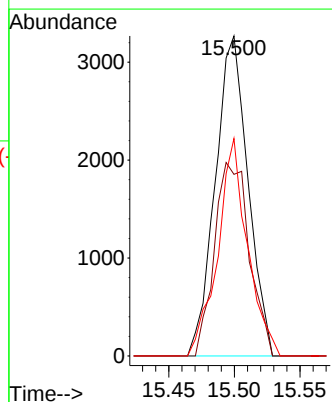
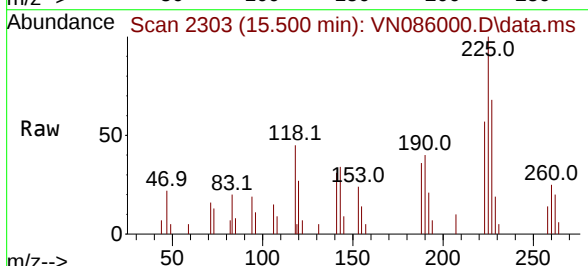
RT: 15.500 min Scan# 2303

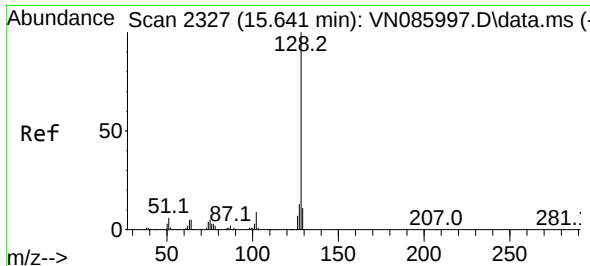
Delta R.T. -0.000 min

Lab File: VN086000.D

Acq: 18 Mar 2025 13:21

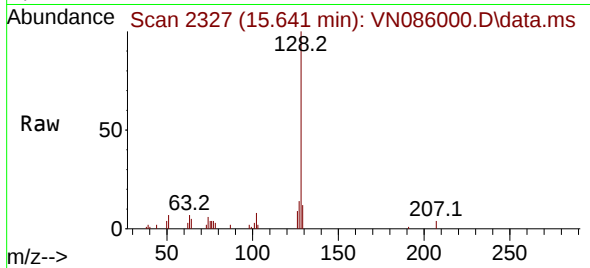
Tgt Ion:225	Resp:	5668
Ion Ratio	Lower	Upper
225	100	
223	64.4	31.3 93.9
227	61.7	32.1 96.3





#95
Naphthalene
Concen: 4.450 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21

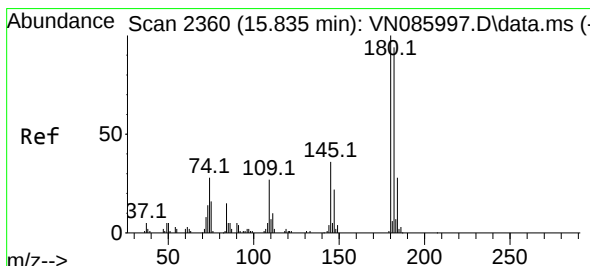
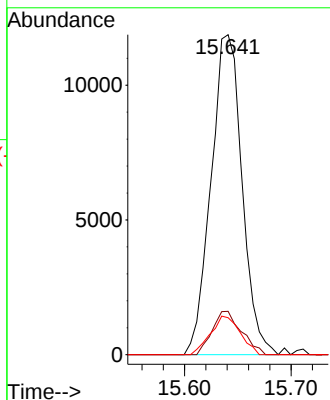
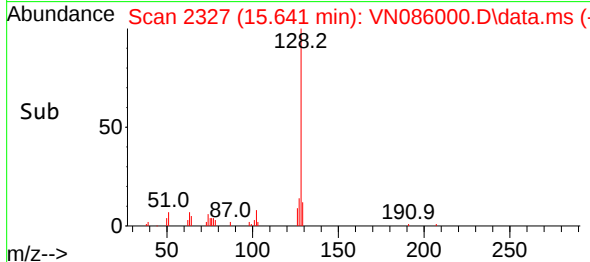
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



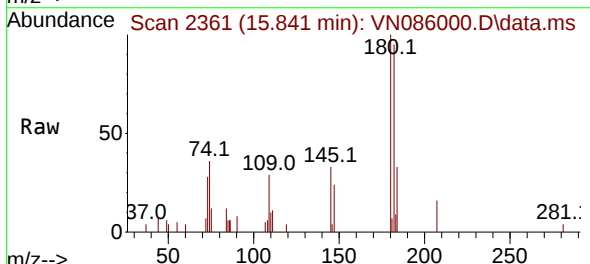
Tgt Ion:128 Resp: 2402
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.5 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.858 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086000.D
Acq: 18 Mar 2025 13:21



Tgt Ion:180 Resp: 8594
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 32.3 17.7 53.1

