

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085257.D
 Acq On : 18 Dec 2024 17:56
 Operator : JC\MD
 Sample : P5291-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 06:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	99052	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	9.100	114	179932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	153337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	70062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	85158	49.188	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.165	113	61070	48.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	10.565	98	224651	48.588	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.847	95	78187	47.345	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.700%

Target Compounds				Qvalue		
3) Chloromethane	2.354	50	519	0.345	ug/l #	42
5) Bromomethane	2.971	94	710	0.768	ug/l #	57
6) Chloroethane	3.118	64	406	Below Cal	#	42
10) Methyl Iodide	4.583	142	428	0.308	ug/l #	33
13) Acrolein	4.406	56	323	1.166	ug/l #	13
14) Allyl chloride	5.271	41	6218	3.176	ug/l #	40
15) Acrylonitrile	5.800	53	1742	2.659	ug/l #	31
16) Acetone	4.412	43	1603	2.682	ug/l #	49
17) Carbon Disulfide	4.706	76	1118	0.290	ug/l #	76
18) Methyl Acetate	5.283	43	9586	5.666	ug/l #	54
19) Methyl tert-butyl Ether	5.800	73	3943	1.018	ug/l #	1
25) 2-Butanone	7.483	43	904	0.988	ug/l #	51
26) 2,2-Dichloropropane	7.336	77	451	0.201	ug/l #	55
29) Tetrahydrofuran	8.012	42	198	0.336	ug/l #	1
31) Cyclohexane	8.253	56	13271	5.925	ug/l #	91
36) 1,1-Dichloropropene	8.224	75	9237	5.244	ug/l #	51
37) Ethyl Acetate	7.483	43	904	0.445	ug/l #	71
38) Carbon Tetrachloride	8.224	117	11566	5.431	ug/l #	17
39) Methylcyclohexane	9.600	83	11237	6.130	ug/l	94
40) Benzene	8.606	78	57241	10.446	ug/l	92
42) 1,2-Dichloroethane	8.606	62	607	0.291	ug/l	97
43) Isopropyl Acetate	8.712	43	5011	1.348	ug/l #	58
47) Bromodichloromethane	9.871	83	521	0.251	ug/l #	25
48) Methyl methacrylate	9.594	41	4632	3.041	ug/l #	36
51) 4-Methyl-2-Pentanone	10.441	43	1442	0.738	ug/l	99
52) Toluene	10.630	92	3482	1.057	ug/l	97
55) 1,1,2-Trichloroethane	11.006	97	2299	1.863	ug/l #	21
56) Ethyl methacrylate	10.853	69	59	2.260	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.165	63	350	15.784	ug/l #	48
59) 2-Hexanone	11.188	43	644	0.463	ug/l #	44
67) Ethyl Benzene	11.965	91	275136	46.571	ug/l	98
68) m/p-Xylenes	12.076	106	114997	52.044	ug/l	99
69) o-Xylene	12.394	106	1524	0.734	ug/l	96
73) Isopropylbenzene	12.694	105	23186	4.588	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	44928	26.902	ug/l #	1
78) n-propylbenzene	13.035	91	62580	10.096	ug/l	99

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

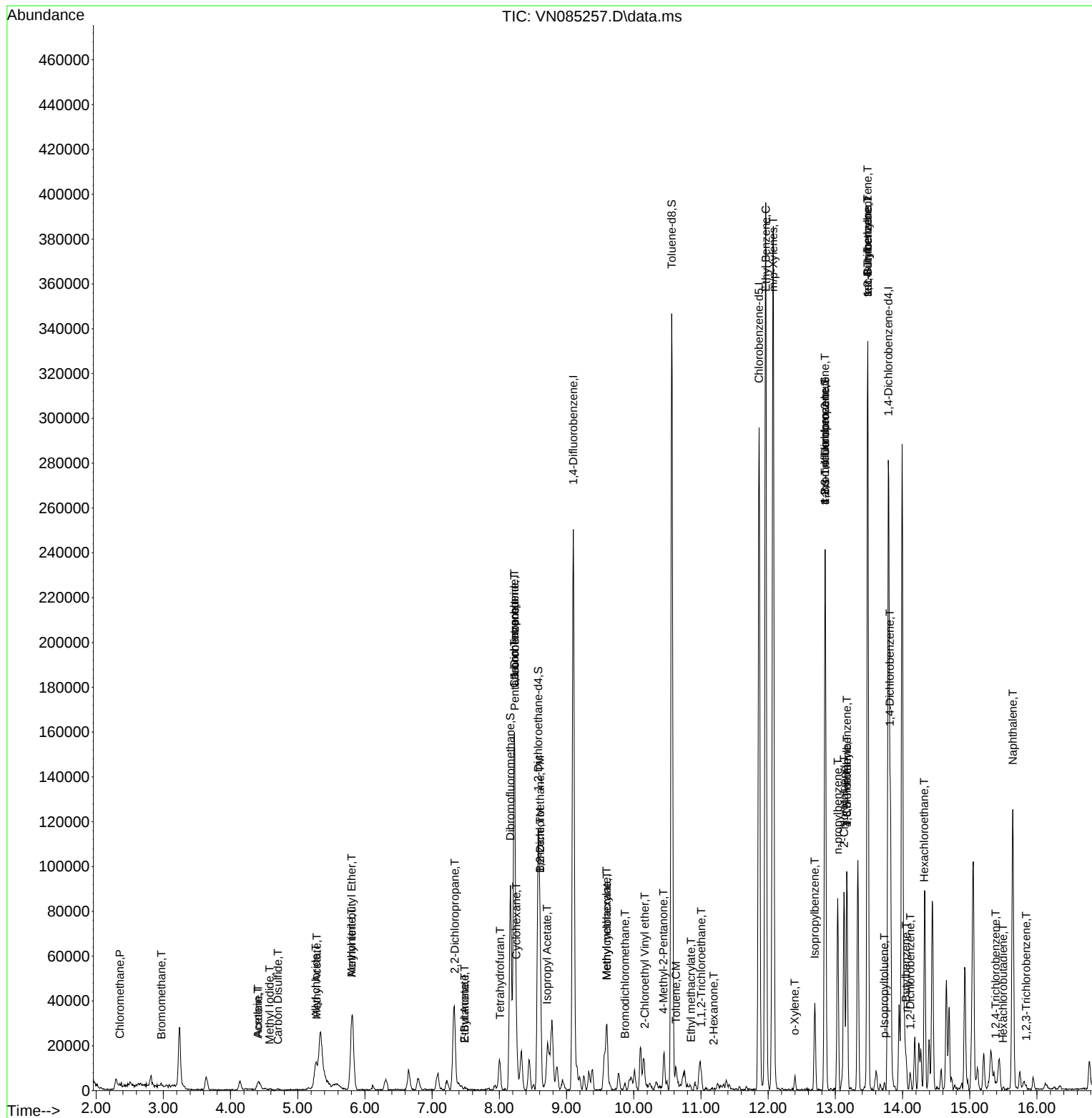
79) 2-Chlorotoluene	13.129	91	8177	2.078	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.171	105	48387	11.478	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	44928	71.434	ug/l #	7
82) 4-Chlorotoluene	13.171	91	5288	1.328	ug/l #	43
83) tert-Butylbenzene	13.482	119	21932	6.135	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.482	105	177154	41.112	ug/l	100
85) sec-Butylbenzene	13.482	105	177154	35.543	ug/l #	58
86) p-Isopropyltoluene	13.729	119	1553	2.256	ug/l #	61
88) 1,4-Dichlorobenzene	13.812	146	997	0.394	ug/l #	15
89) n-Butylbenzene	14.053	91	6858	1.871	ug/l #	83
90) Hexachloroethane	14.323	117	5616	6.134	ug/l #	18
91) 1,2-Dichlorobenzene	14.118	146	501	0.220	ug/l	89
93) 1,2,4-Trichlorobenzene	15.388	180	896	0.770	ug/l	95
94) Hexachlorobutadiene	15.494	225	446	0.738	ug/l #	52
95) Naphthalene	15.641	128	111423	28.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	645	0.555	ug/l #	59

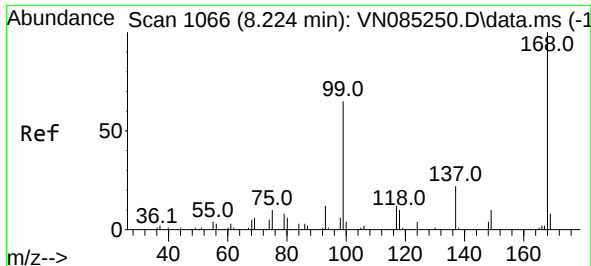
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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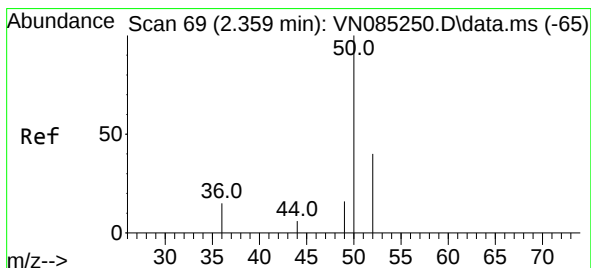
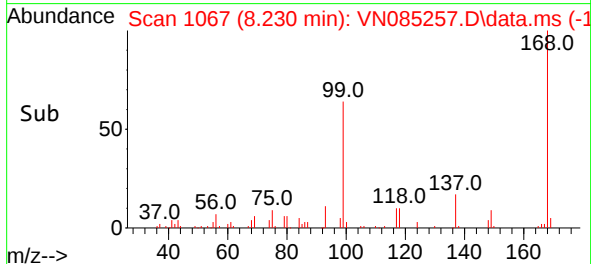
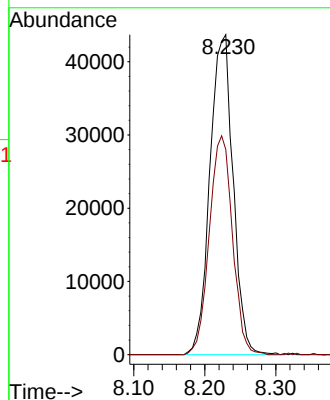
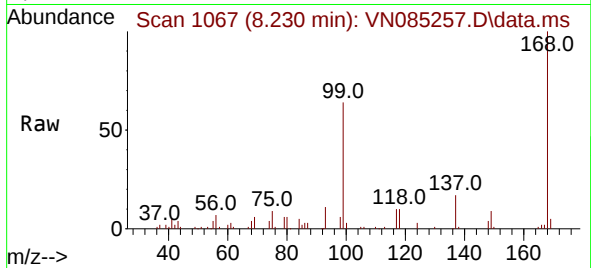




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.012 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

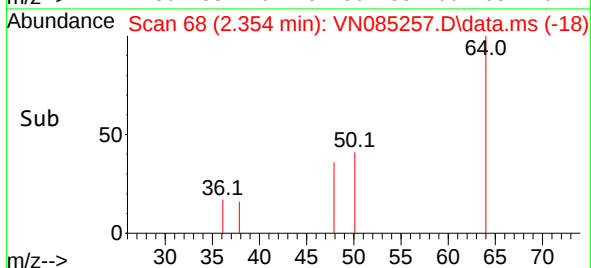
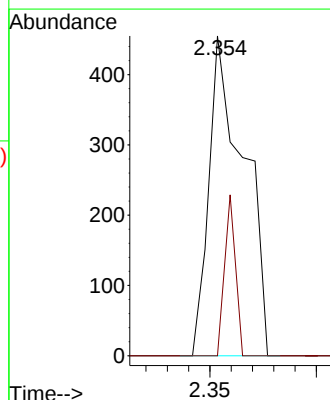
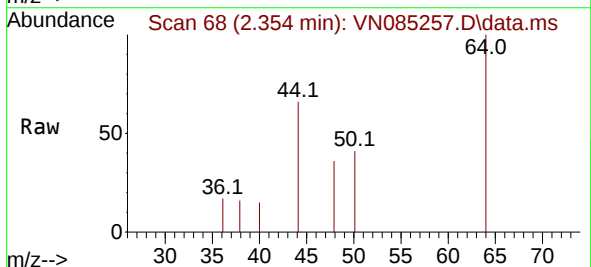
Instrument :
MSVOA_N
ClientSampleId :

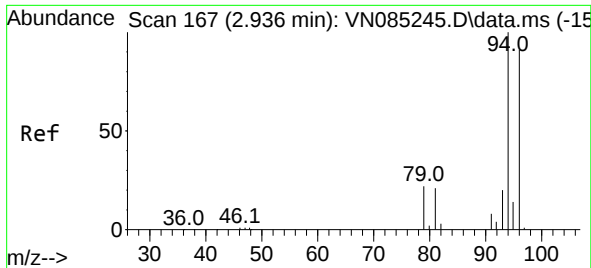
Tgt Ion:168 Resp: 99052
Ion Ratio Lower Upper
168 100
99 64.1 50.7 76.1



#3
Chloromethane
Concen: 0.345 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 50 Resp: 519
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#





#5

Bromomethane

Concen: 0.768 ug/l

RT: 2.971 min Scan# 11

Delta R.T. 0.024 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

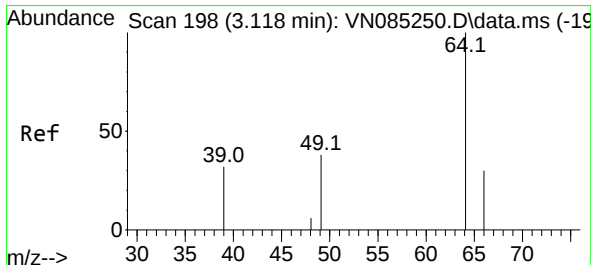
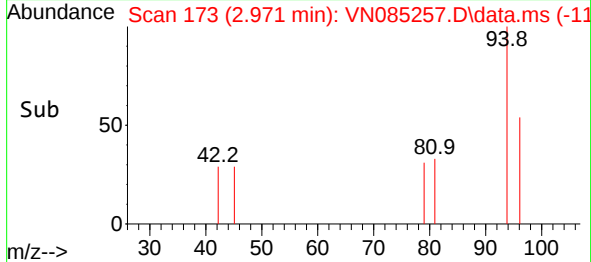
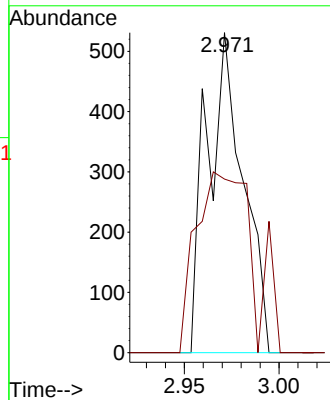
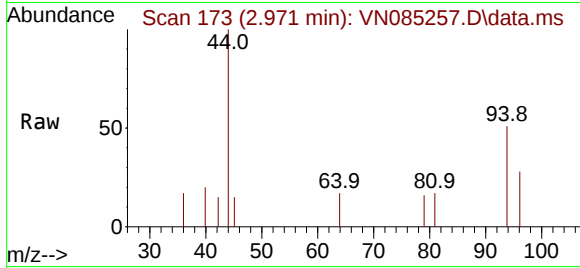
ClientSampleId :

Tgt Ion: 94 Resp: 710

Ion Ratio Lower Upper

94 100

96 54.2 76.8 115.2#



#6

Chloroethane

Concen: Below Cal

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN085257.D

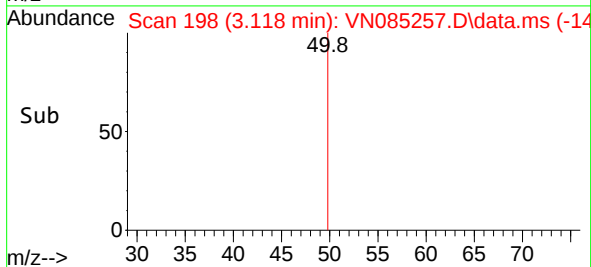
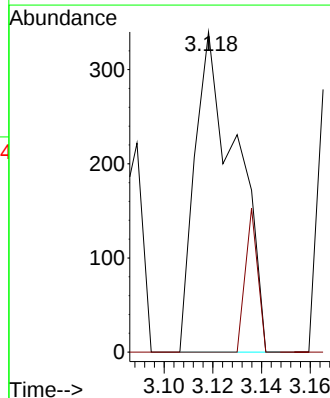
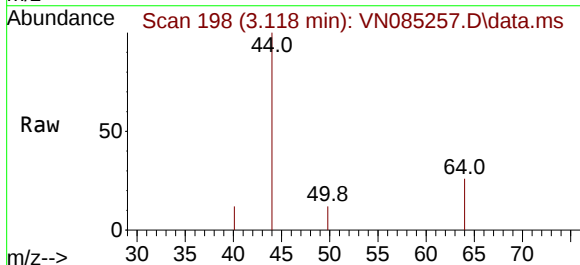
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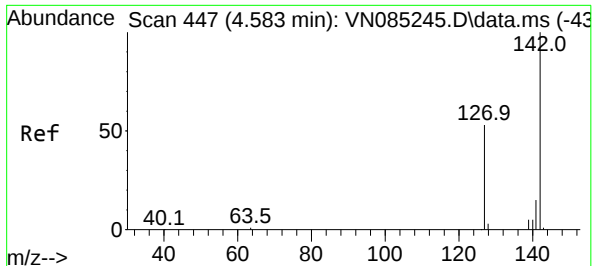
Tgt Ion: 64 Resp: 406

Ion Ratio Lower Upper

64 100

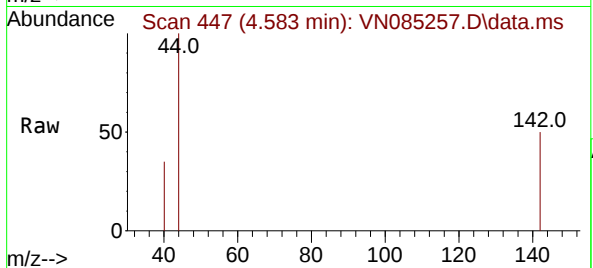
66 0.0 26.3 39.5#



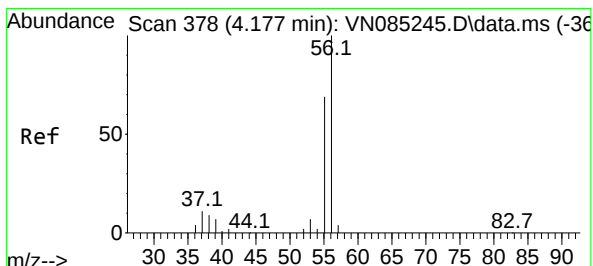
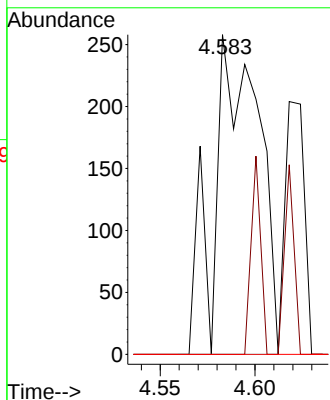
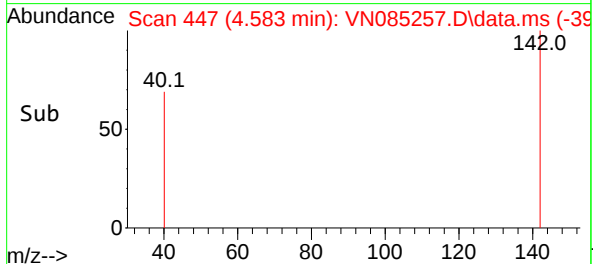


#10
Methyl Iodide
Concen: 0.308 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

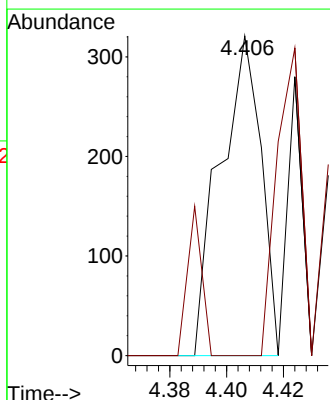
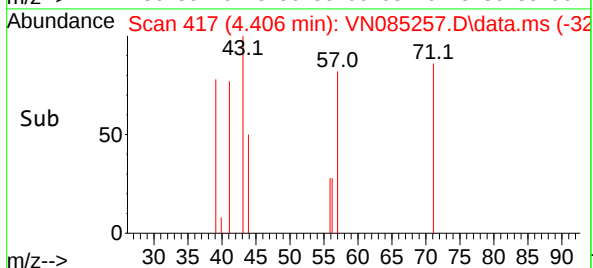
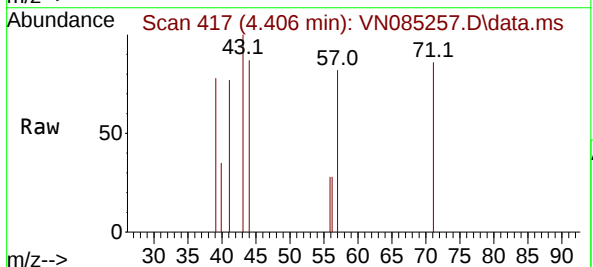


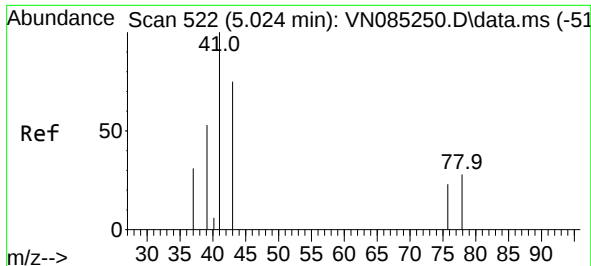
Tgt Ion:142 Resp: 428
Ion Ratio Lower Upper
142 100
127 0.0 42.5 63.7#
141 0.0 10.2 15.4#



#13
Acrolein
Concen: 1.166 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.229 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 56 Resp: 323
Ion Ratio Lower Upper
56 100
55 0.0 59.0 88.6#

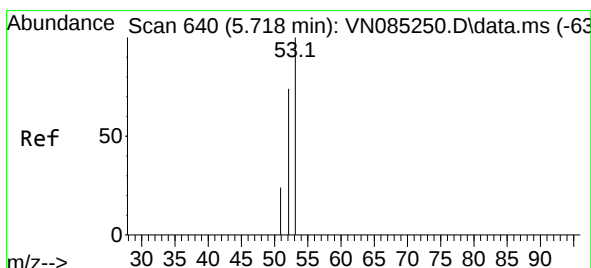
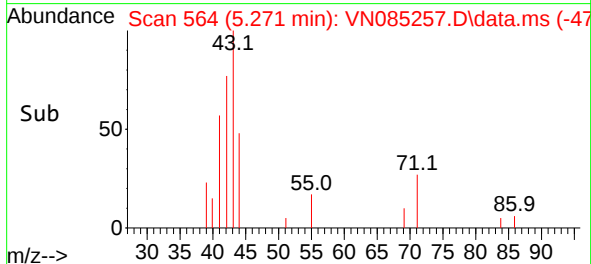
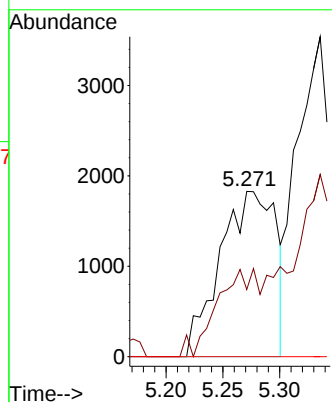
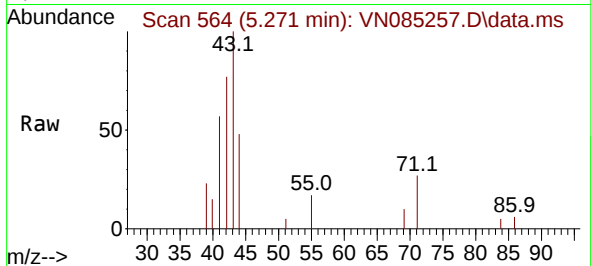




#14
 Allyl chloride
 Concen: 3.176 ug/l
 RT: 5.271 min Scan# 50
 Delta R.T. 0.253 min
 Lab File: VN085257.D
 Acq: 18 Dec 2024 17:56

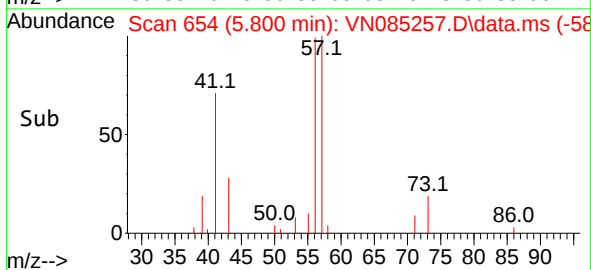
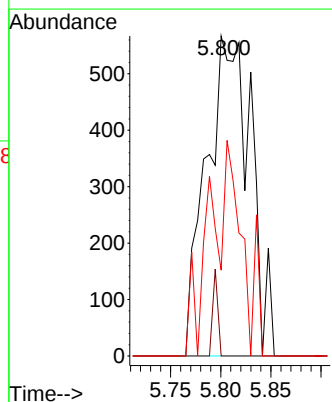
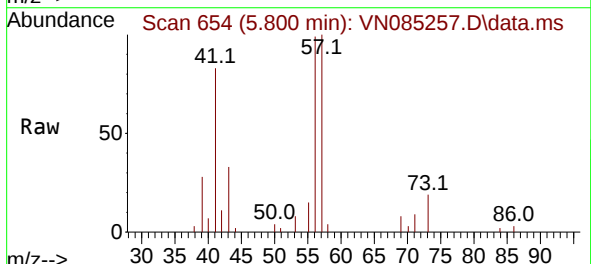
Instrument :
 MSVOA_N
 ClientSampleId :

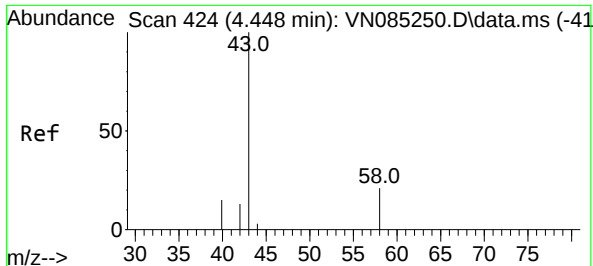
Tgt Ion: 41 Resp: 6218
 Ion Ratio Lower Upper
 41 100
 39 29.8 66.7 100.1#
 76 0.0 29.4 44.2#



#15
 Acrylonitrile
 Concen: 2.659 ug/l
 RT: 5.800 min Scan# 654
 Delta R.T. 0.088 min
 Lab File: VN085257.D
 Acq: 18 Dec 2024 17:56

Tgt Ion: 53 Resp: 1742
 Ion Ratio Lower Upper
 53 100
 52 3.1 66.3 99.5#
 51 22.7 28.2 42.2#





#16

Acetone

Concen: 2.682 ug/l

RT: 4.412 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

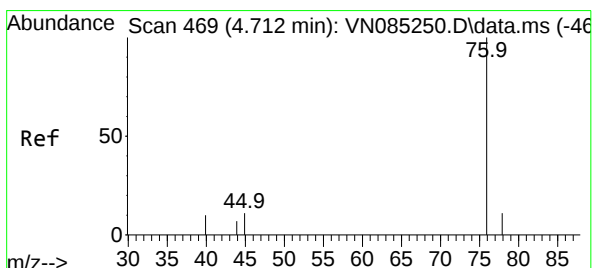
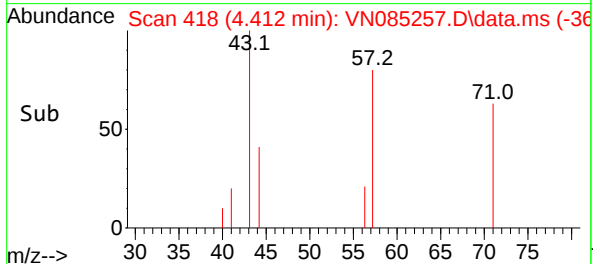
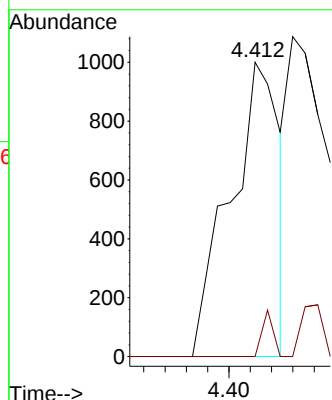
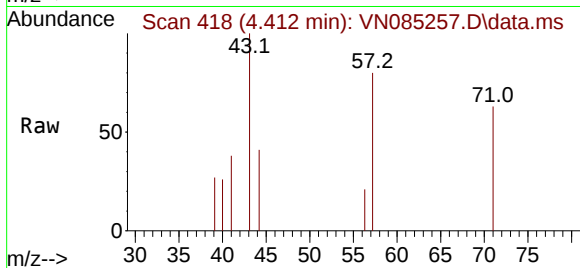
ClientSampleId :

Tgt Ion: 43 Resp: 1603

Ion Ratio Lower Upper

43 100

58 0.0 20.8 31.2#



#17

Carbon Disulfide

Concen: 0.290 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085257.D

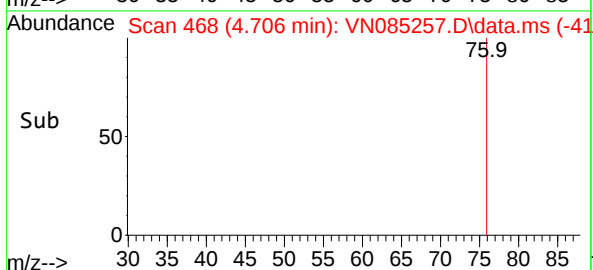
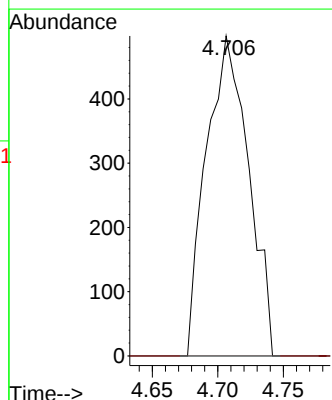
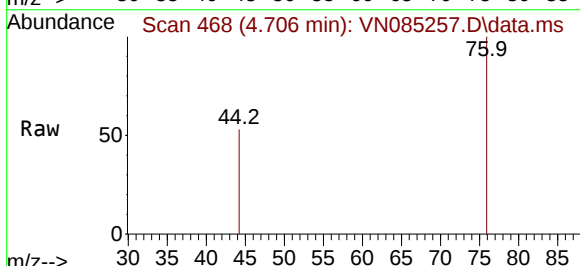
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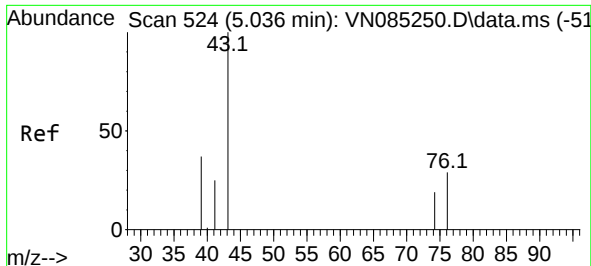
Tgt Ion: 76 Resp: 1118

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#

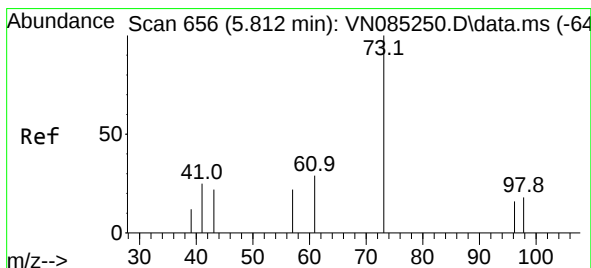
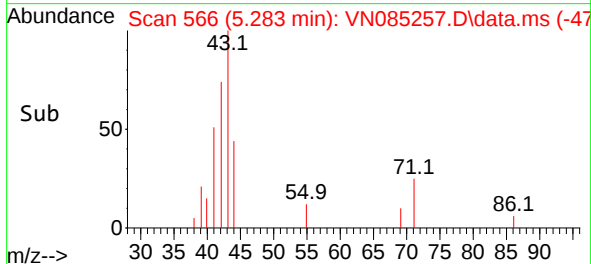
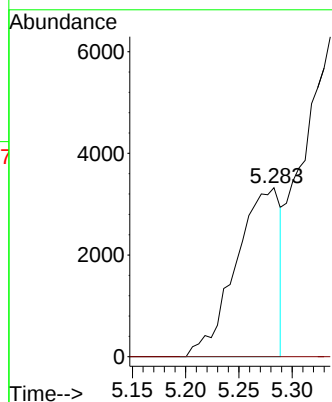
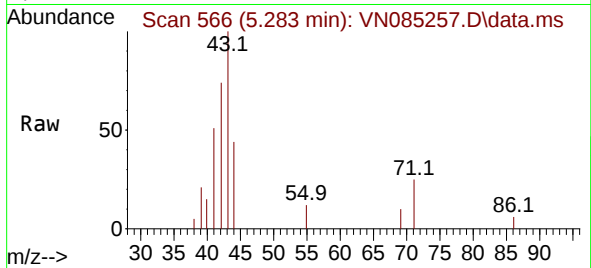




#18
Methyl Acetate
Concen: 5.666 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.265 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

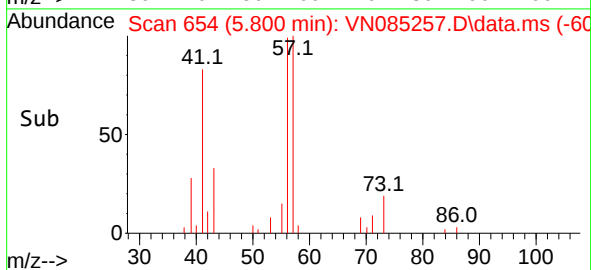
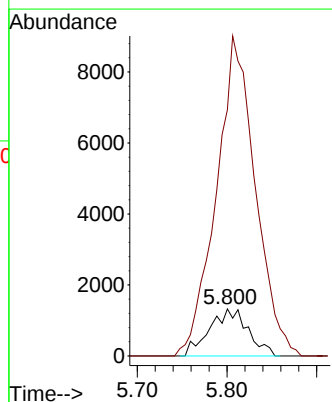
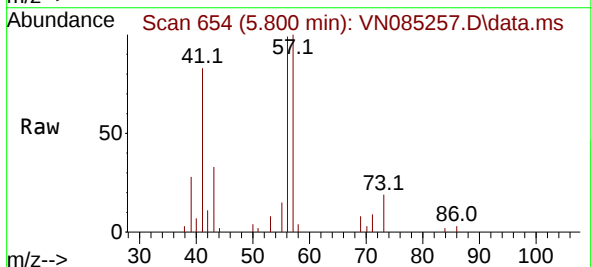
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ClientSampleId :

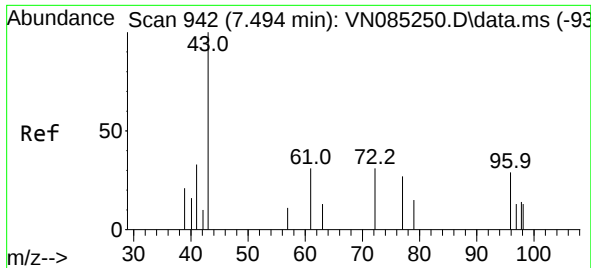
Tgt Ion: 43 Resp: 9586
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#19
Methyl tert-butyl Ether
Concen: 1.018 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 73 Resp: 3943
Ion Ratio Lower Upper
73 100
57 507.7 17.0 25.6#

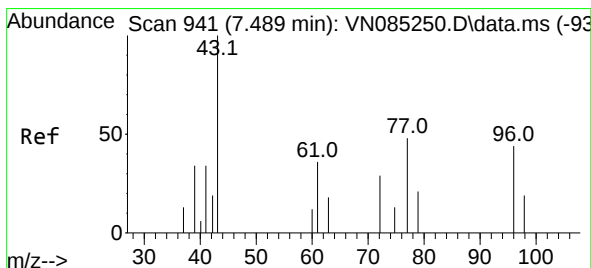
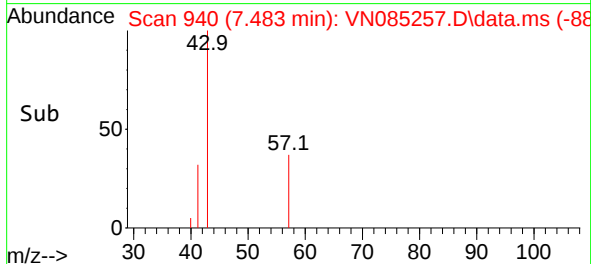
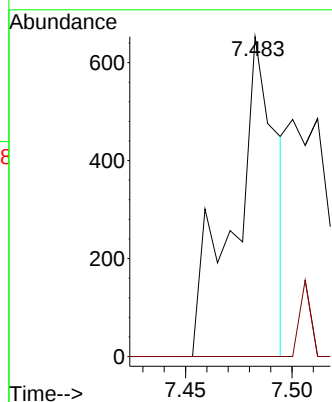
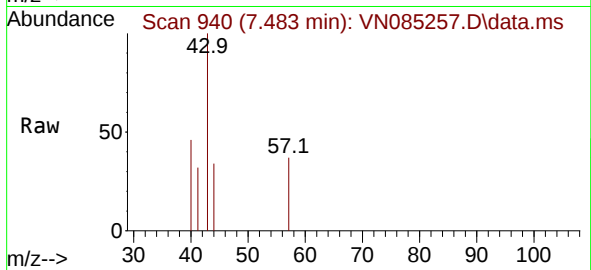




#25
2-Butanone
Concen: 0.988 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

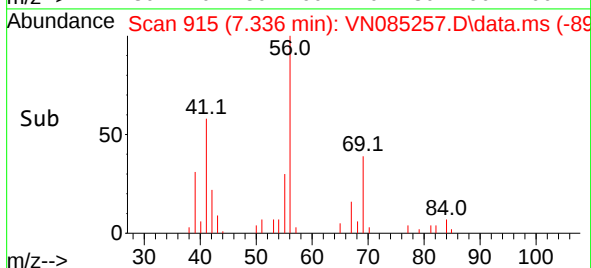
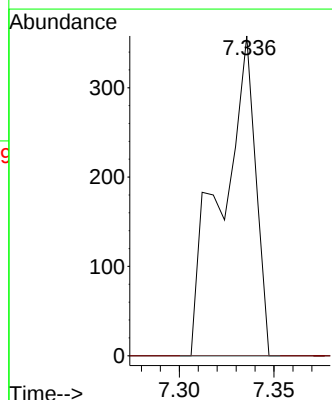
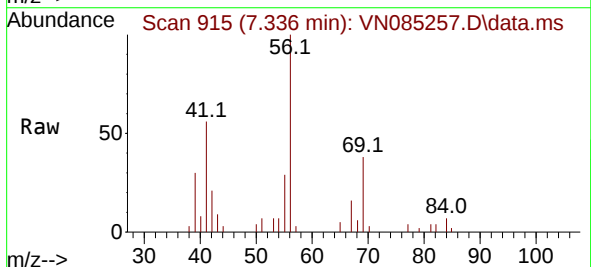
Instrument :
MSVOA_N
ClientSampleId :

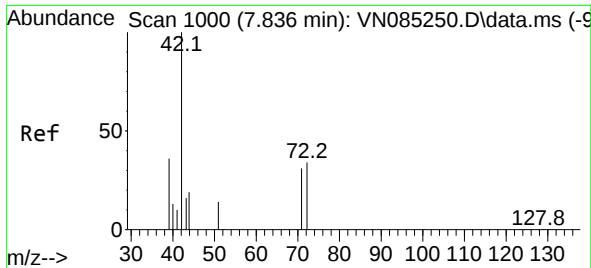
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#



#26
2,2-Dichloropropane
Concen: 0.201 ug/l
RT: 7.336 min Scan# 915
Delta R.T. -0.153 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 77 Resp: 451
Ion Ratio Lower Upper
77 100
97 0.0 10.5 31.6#

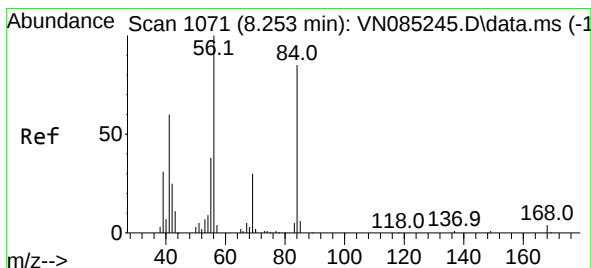
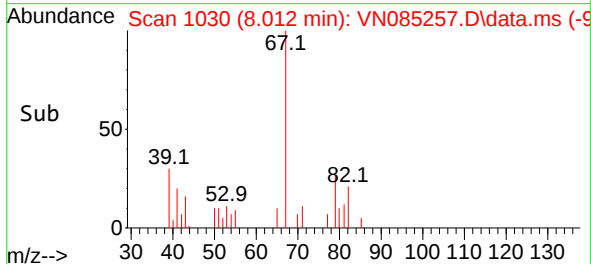
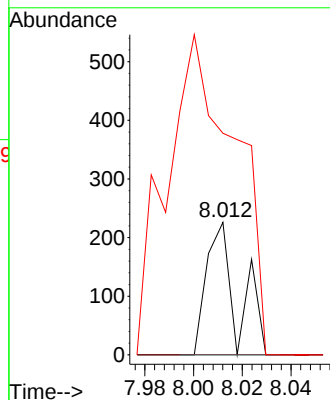
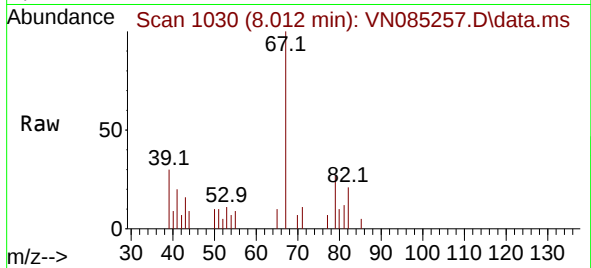




#29
Tetrahydrofuran
Concen: 0.336 ug/l
RT: 8.012 min Scan# 1030
Delta R.T. 0.176 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

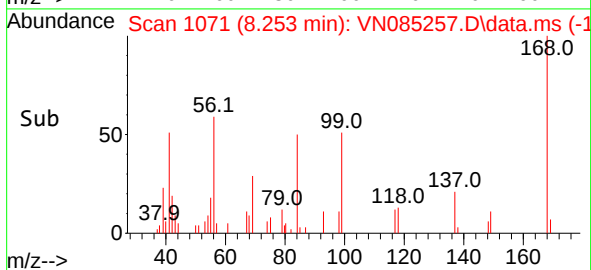
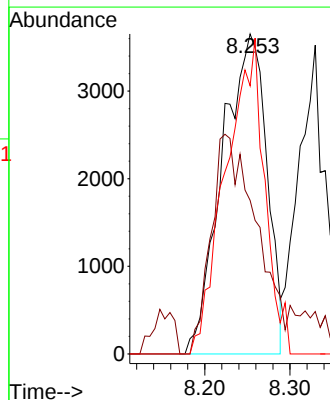
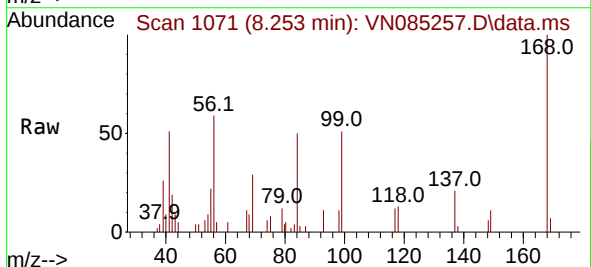
Instrument :
MSVOA_N
ClientSampleId :

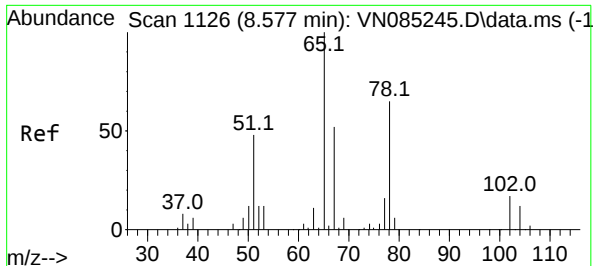
Tgt Ion: 42 Resp: 198
Ion Ratio Lower Upper
42 100
72 0.0 32.7 49.1#
71 538.4 31.4 47.2#



#31
Cyclohexane
Concen: 5.925 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 56 Resp: 13271
Ion Ratio Lower Upper
56 100
69 48.0 23.6 35.4#
84 83.8 66.6 99.8

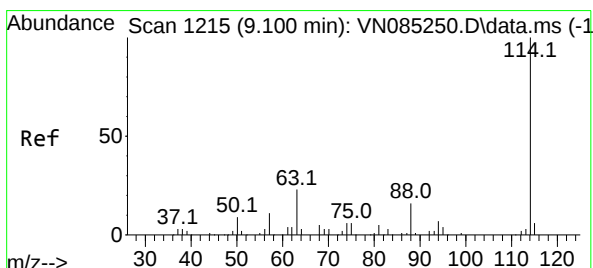
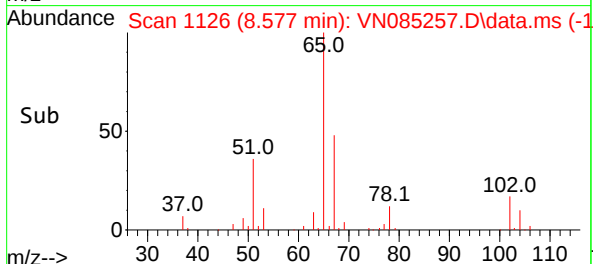
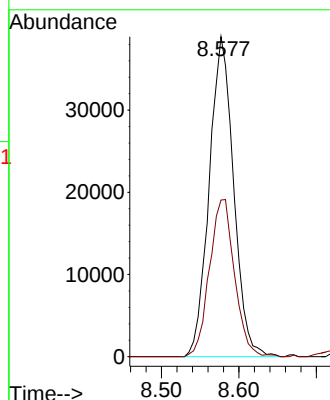
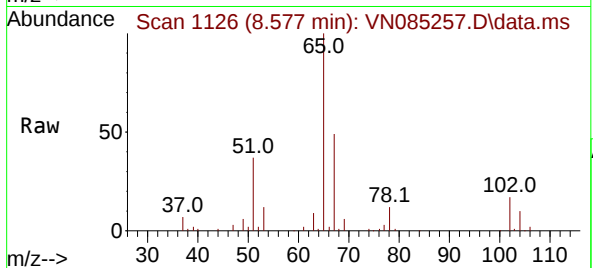




#33
1,2-Dichloroethane-d4
Concen: 49.188 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

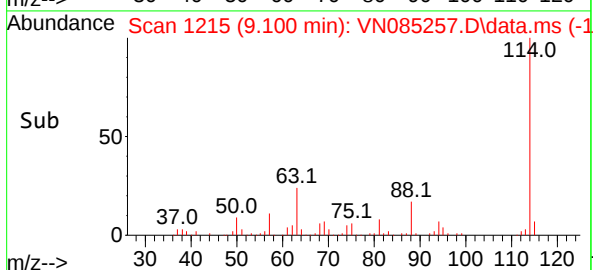
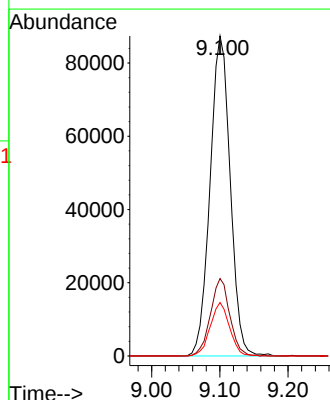
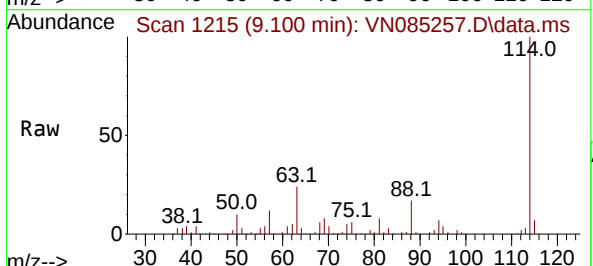
Instrument :
MSVOA_N
ClientSampleId :

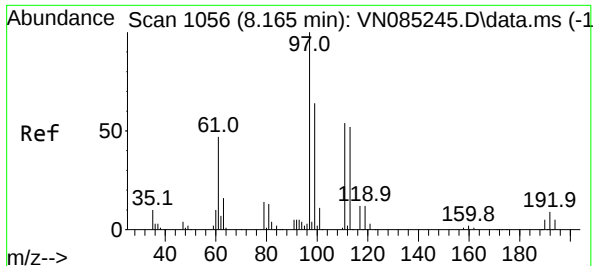
Tgt Ion: 65 Resp: 85158
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 114 Resp: 179932
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.2
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

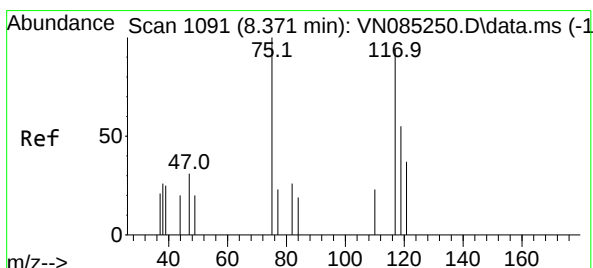
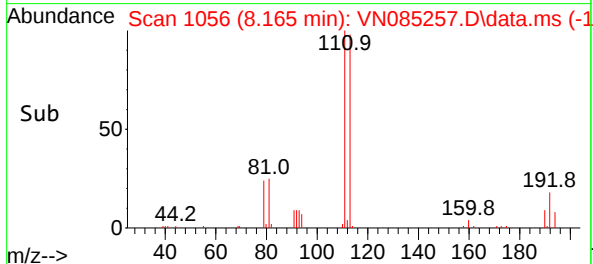
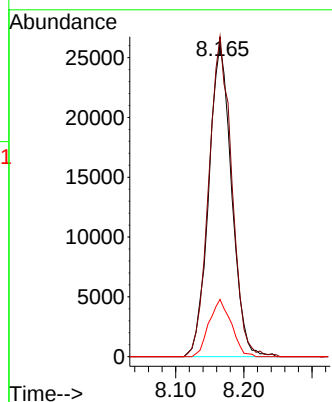
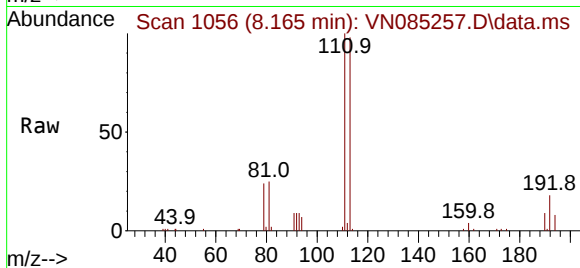
Tgt Ion:113 Resp: 61070

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 17.8 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.244 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

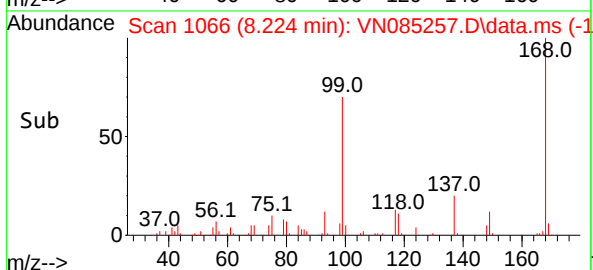
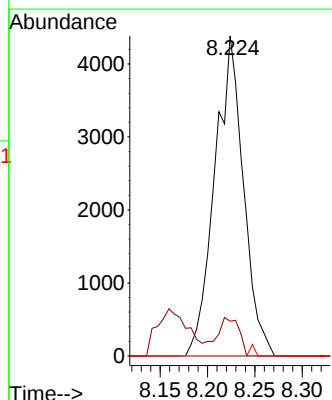
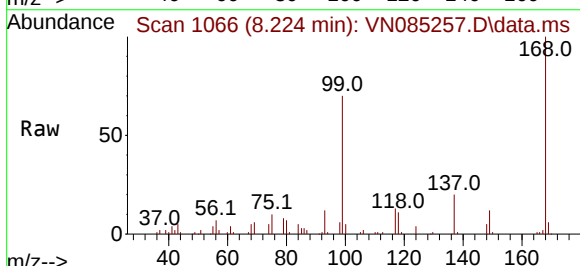
Tgt Ion: 75 Resp: 9237

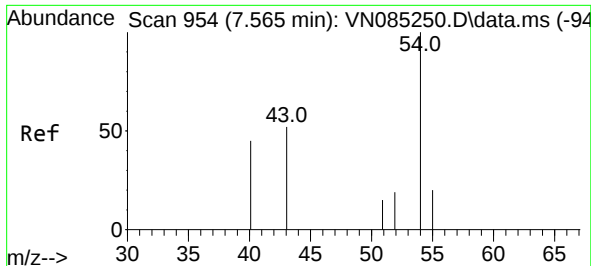
Ion Ratio Lower Upper

75 100

110 8.0 16.0 48.0#

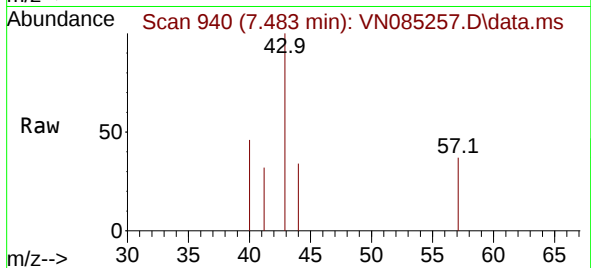
77 0.0 24.6 36.8#



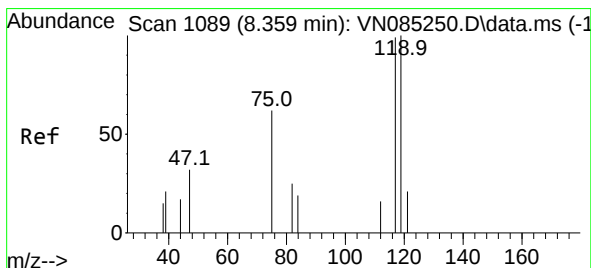
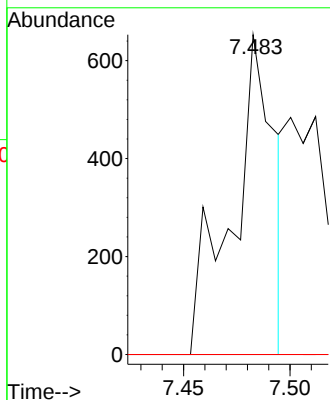
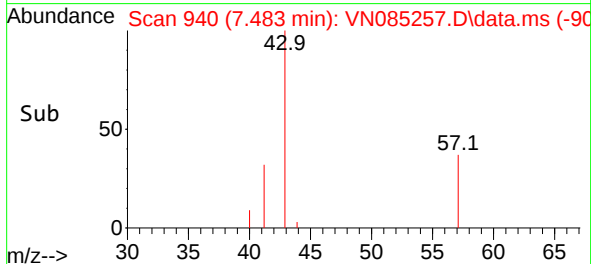


#37
Ethyl Acetate
Concen: 0.445 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.076 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

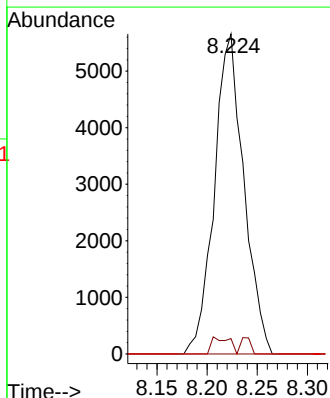
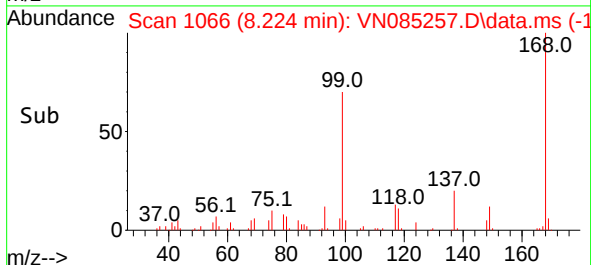
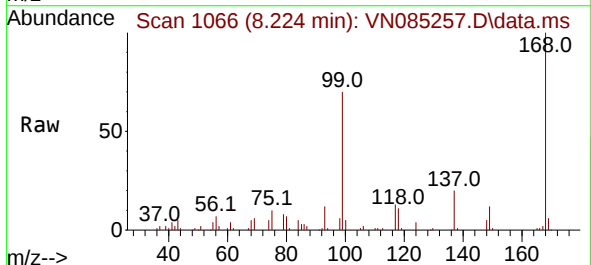


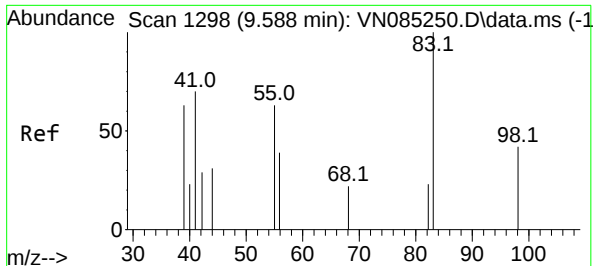
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.6#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.431 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 117 Resp: 11566
Ion Ratio Lower Upper
117 100
119 4.8 74.8 112.2#
121 0.0 24.2 36.4#





#39

Methylcyclohexane

Concen: 6.130 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

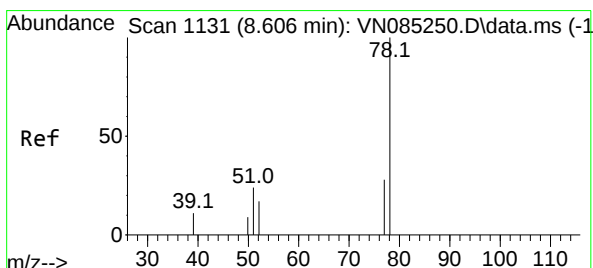
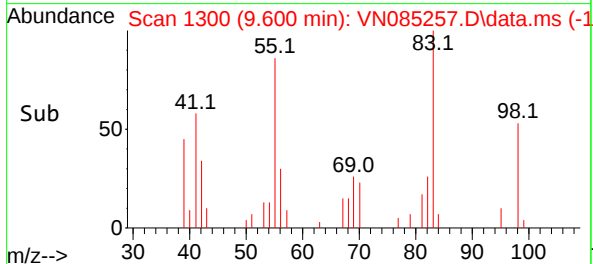
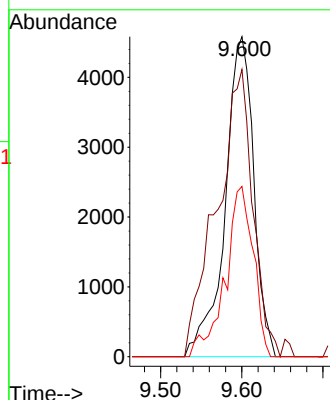
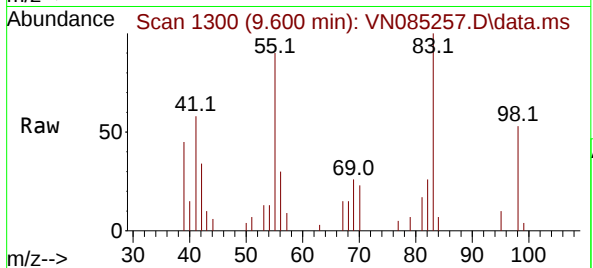
Tgt Ion: 83 Resp: 11237

Ion Ratio Lower Upper

83 100

55 89.7 66.8 100.2

98 53.2 39.4 59.2



#40

Benzene

Concen: 10.446 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085257.D

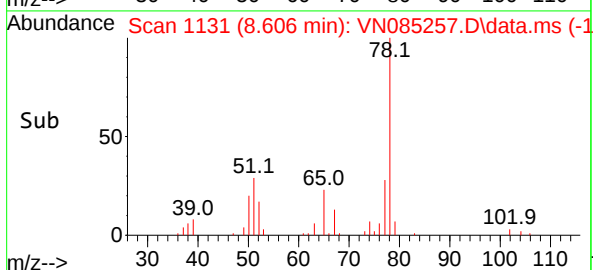
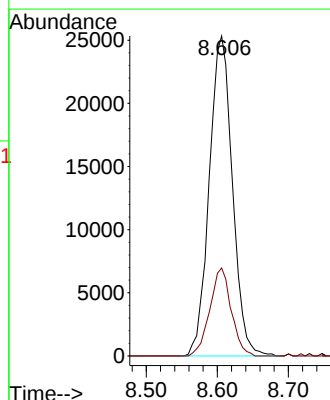
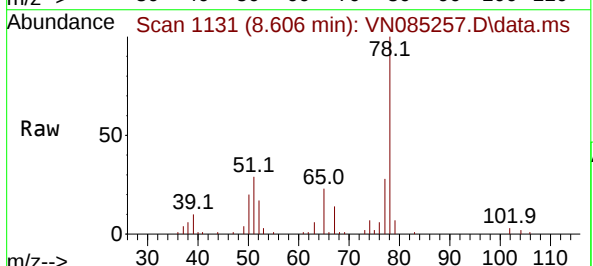
Acq: 18 Dec 2024 17:56

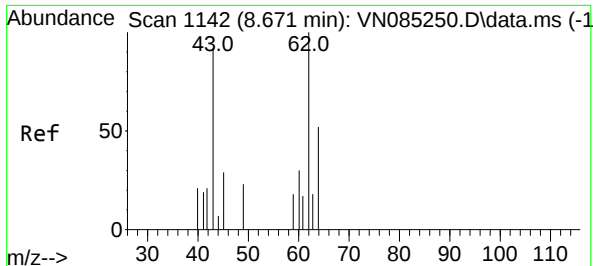
Tgt Ion: 78 Resp: 57241

Ion Ratio Lower Upper

78 100

77 27.5 18.9 28.3





#42

1,2-Dichloroethane

Concen: 0.291 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.059 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

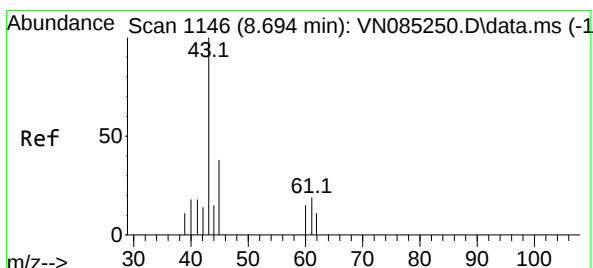
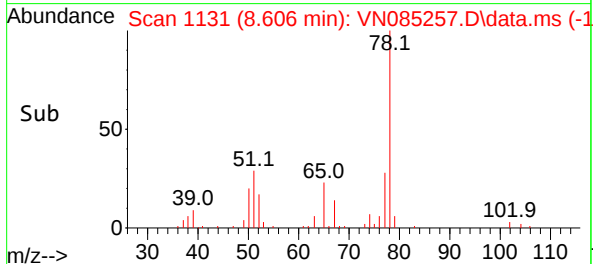
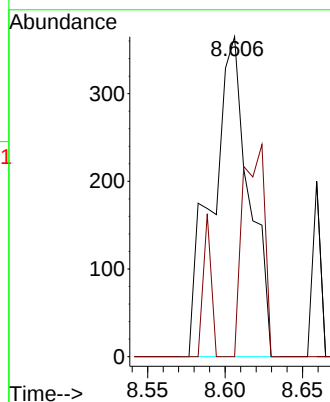
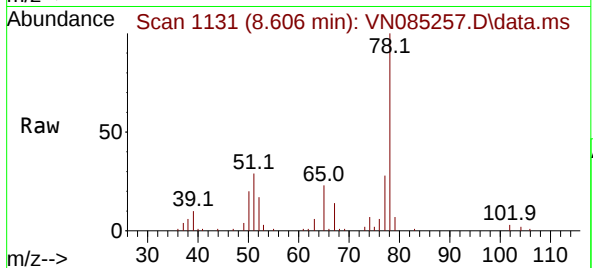
ClientSampleId :

Tgt Ion: 62 Resp: 607

Ion Ratio Lower Upper

62 100

98 9.4 0.0 16.4



#43

Isopropyl Acetate

Concen: 1.348 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.029 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

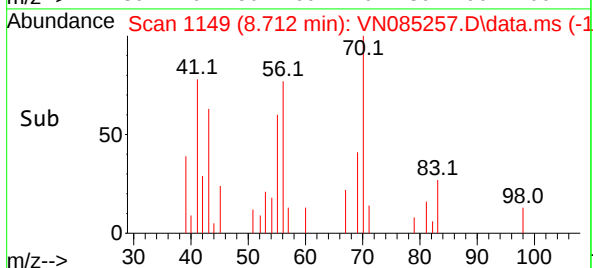
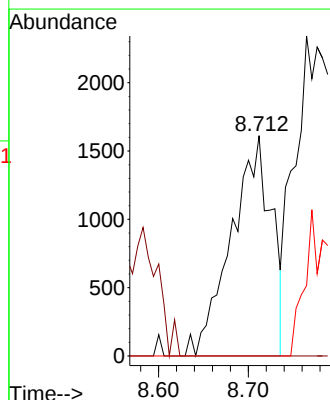
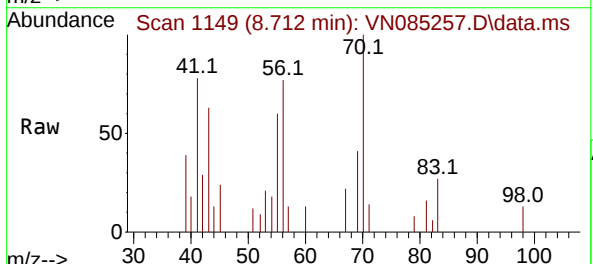
Tgt Ion: 43 Resp: 5011

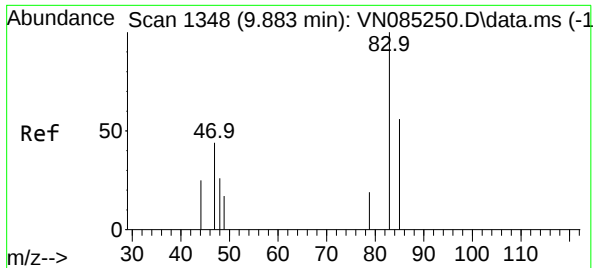
Ion Ratio Lower Upper

43 100

61 0.0 19.0 28.4#

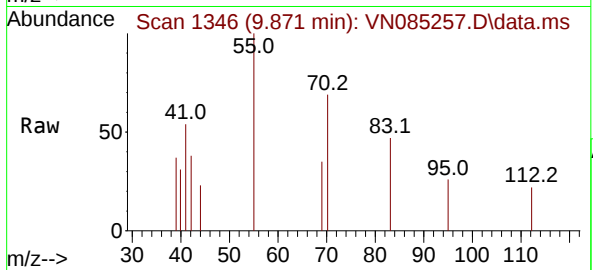
87 0.0 9.3 13.9#



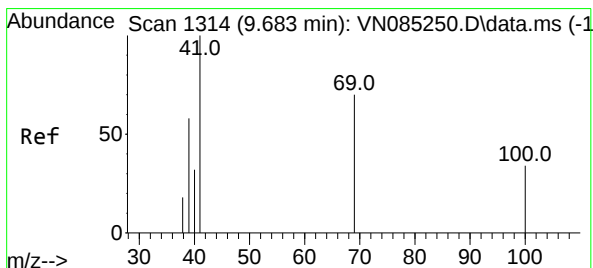
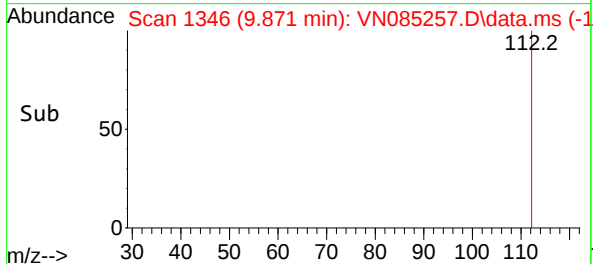
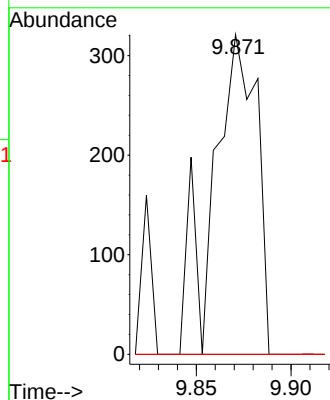


#47
Bromodichloromethane
Concen: 0.251 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

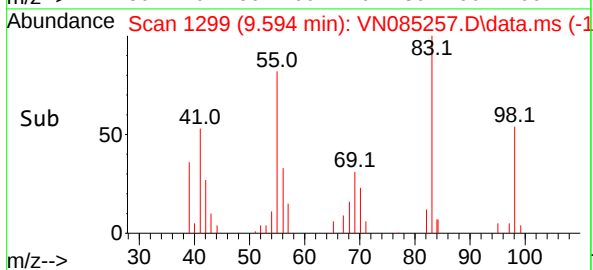
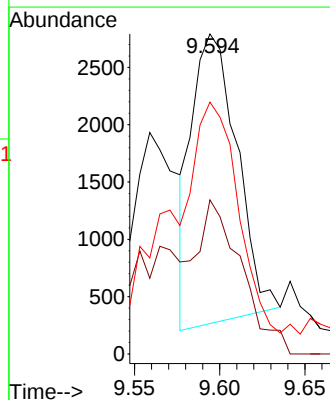
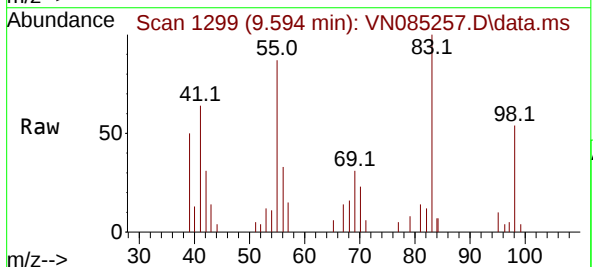


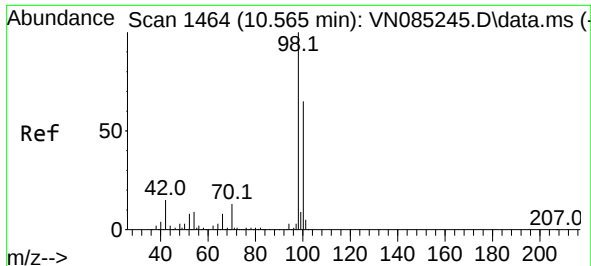
Tgt Ion: 83 Resp: 521
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.4#
127 0.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 3.041 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.082 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 41 Resp: 4632
Ion Ratio Lower Upper
41 100
69 48.9 61.0 91.4#
39 142.4 49.8 74.8#

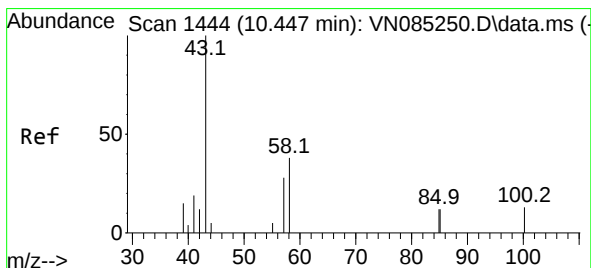
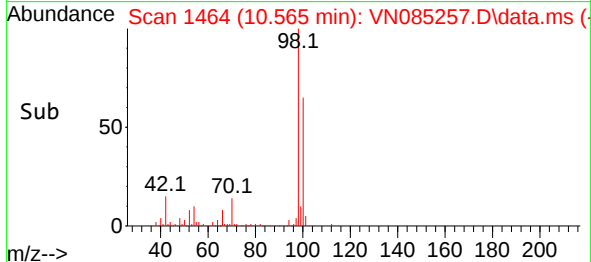
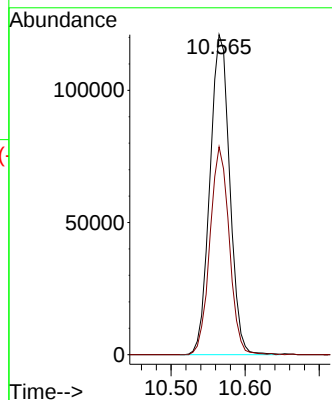
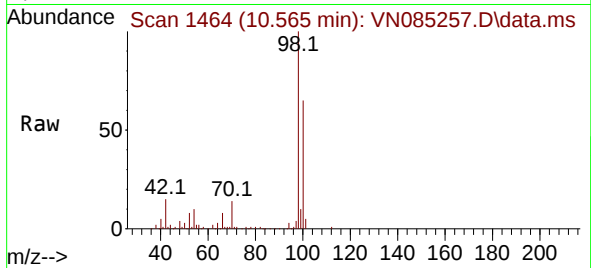




#50
Toluene-d8
Concen: 48.588 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

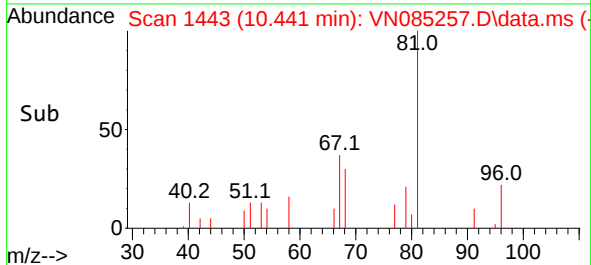
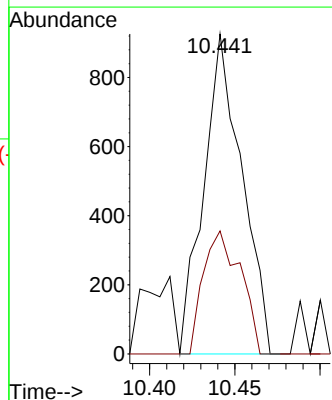
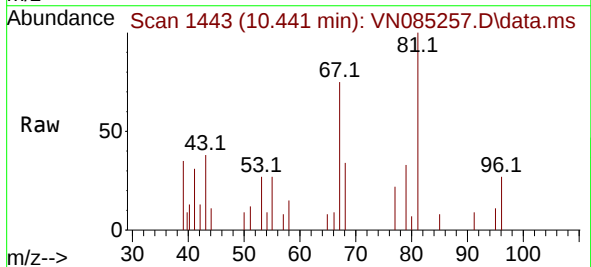
Instrument :
MSVOA_N
ClientSampleId :

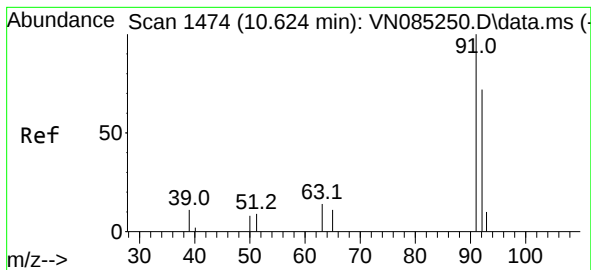
Tgt Ion: 98 Resp: 224651
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.738 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
58 37.5 29.4 44.2





#52

Toluene

Concen: 1.057 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

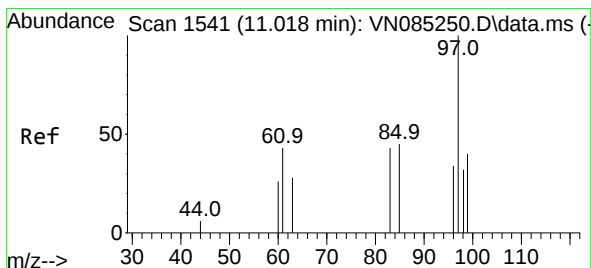
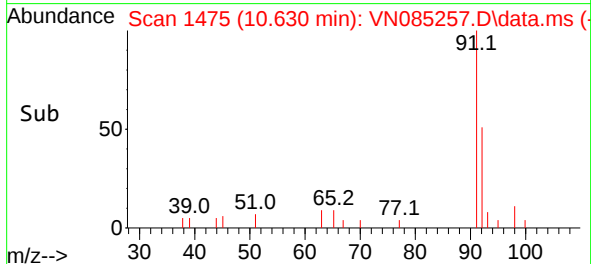
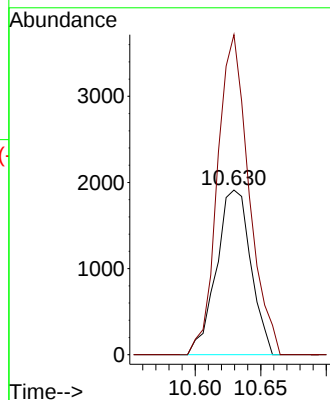
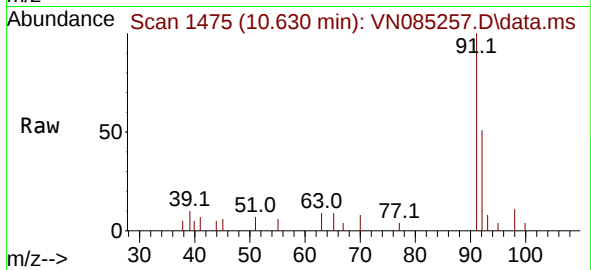
ClientSampleId :

Tgt Ion: 92 Resp: 3482

Ion Ratio Lower Upper

92 100

91 178.0 138.9 208.3



#55

1,1,2-Trichloroethane

Concen: 1.863 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.006 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Tgt Ion: 97 Resp: 2299

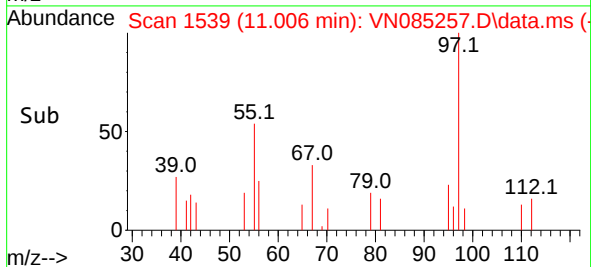
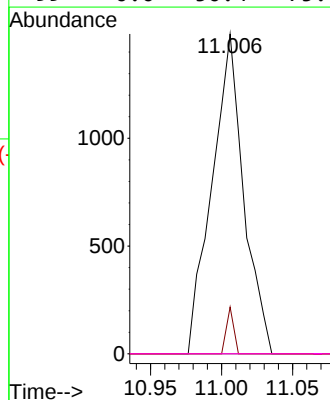
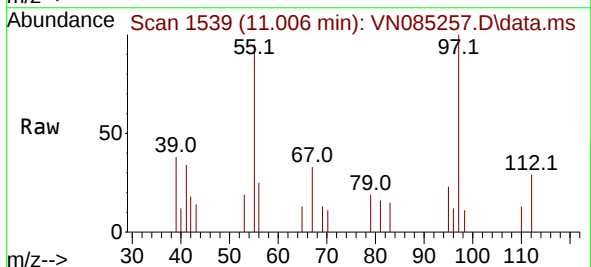
Ion Ratio Lower Upper

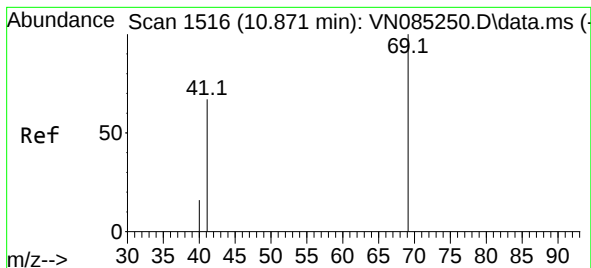
97 100

83 14.6 69.6 104.4#

85 0.0 45.7 68.5#

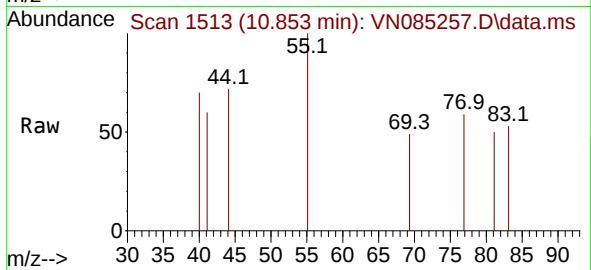
99 0.0 50.4 75.6#



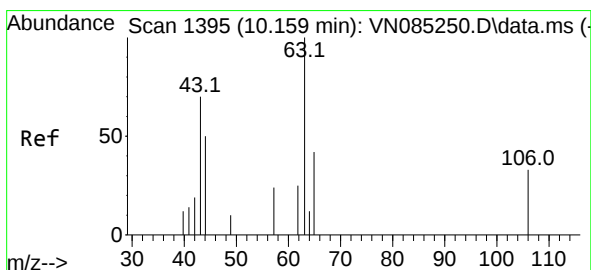
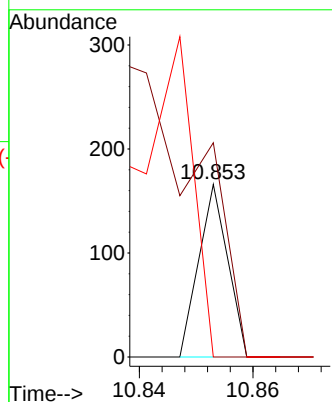
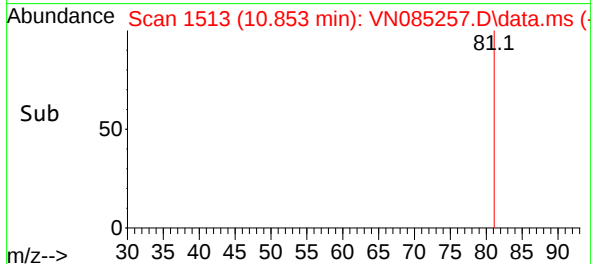


#56
Ethyl methacrylate
Concen: 2.260 ug/l
RT: 10.853 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

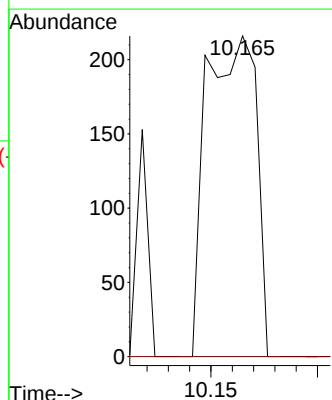
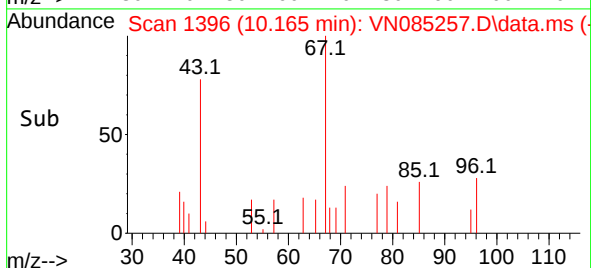
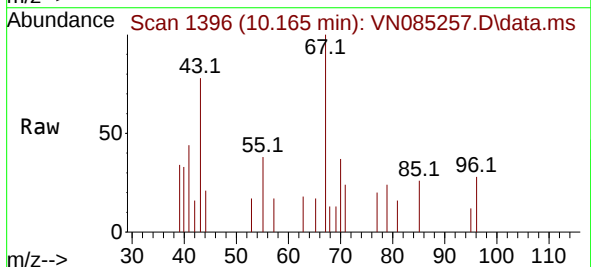


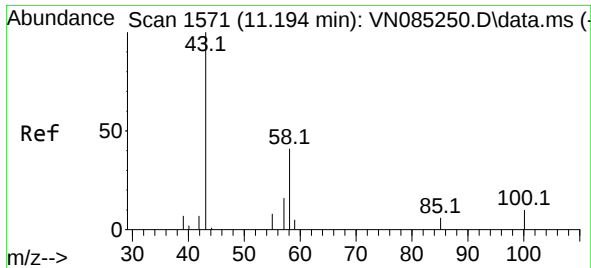
Tgt Ion: 69 Resp: 59
Ion Ratio Lower Upper
69 100
41 0.0 57.5 86.3#
39 508.5 33.4 50.2#



#58
2-Chloroethyl Vinyl ether
Concen: 15.784 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 63 Resp: 350
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

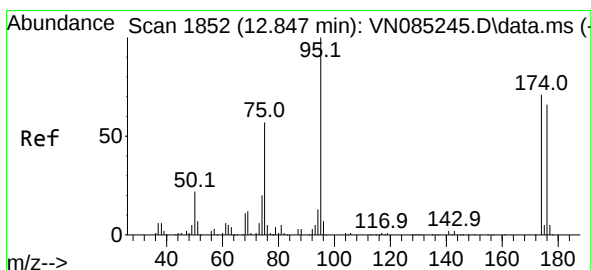
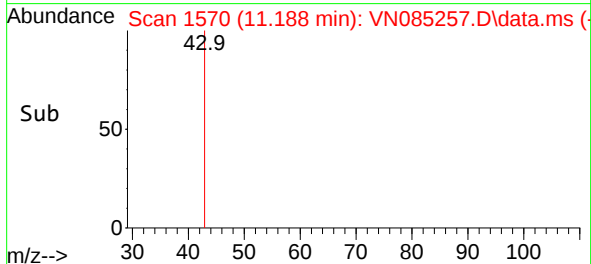
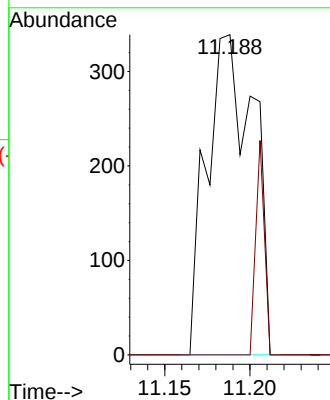
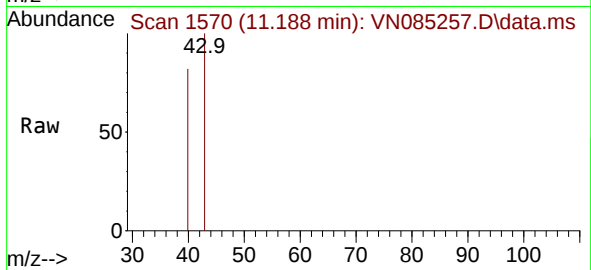




#59
2-Hexanone
Concen: 0.463 ug/l
RT: 11.188 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

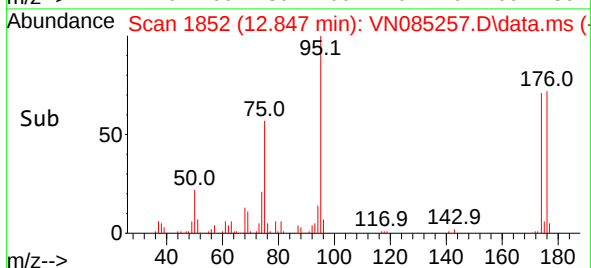
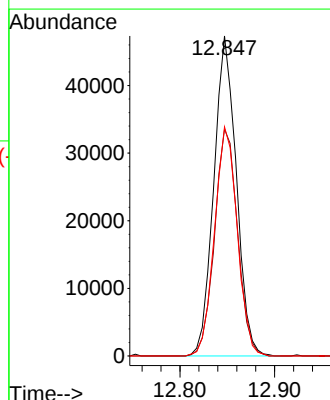
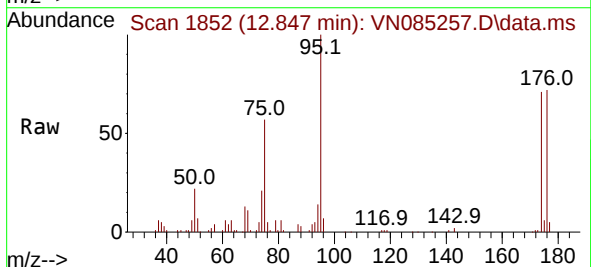
Instrument :
MSVOA_N
ClientSampleId :

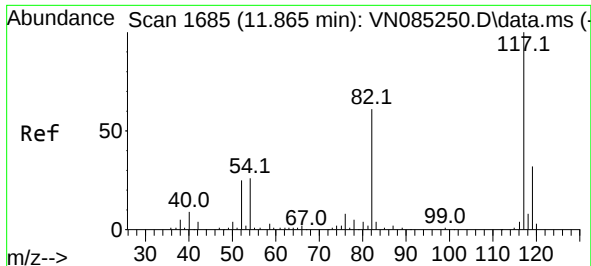
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 12.4 25.8 77.4#



#62
4-Bromofluorobenzene
Concen: 47.345 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

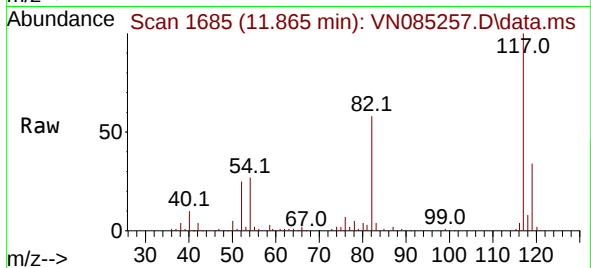
Tgt Ion: 95 Resp: 78187
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.4
176 72.3 0.0 136.6



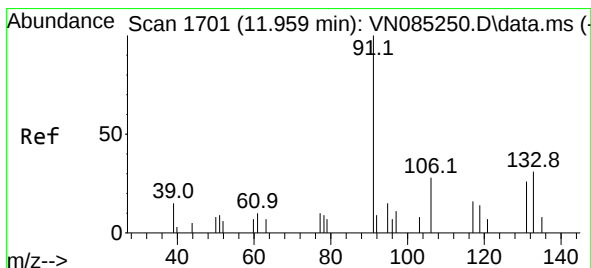
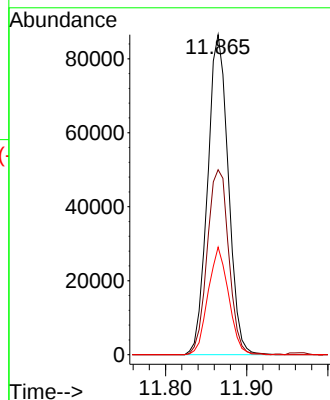
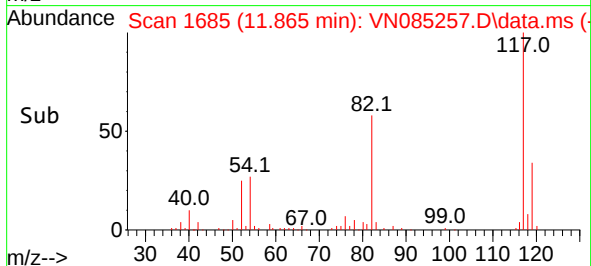


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

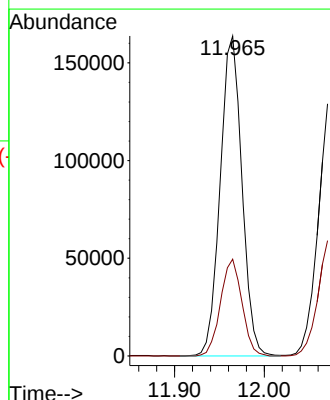
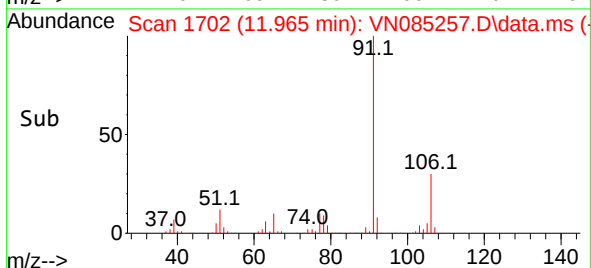
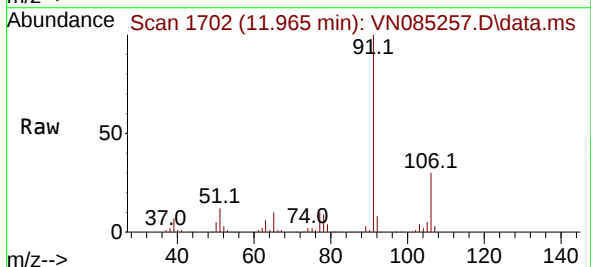


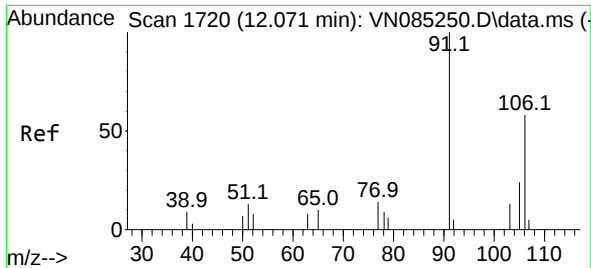
Tgt Ion:117 Resp: 153337
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 33.6 25.6 38.4



#67
Ethyl Benzene
Concen: 46.571 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 91 Resp: 275136
Ion Ratio Lower Upper
91 100
106 30.2 23.5 35.3

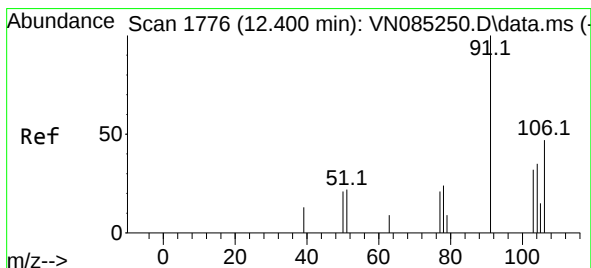
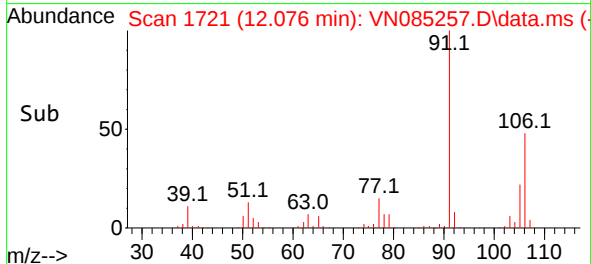
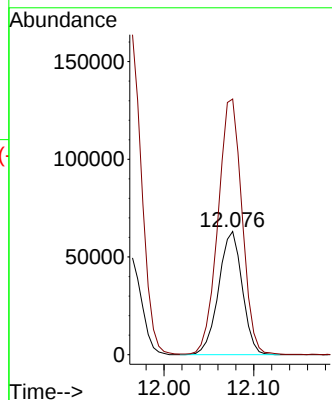
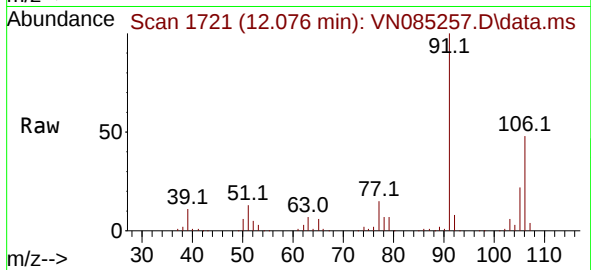




#68
m/p-Xylenes
Concen: 52.044 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

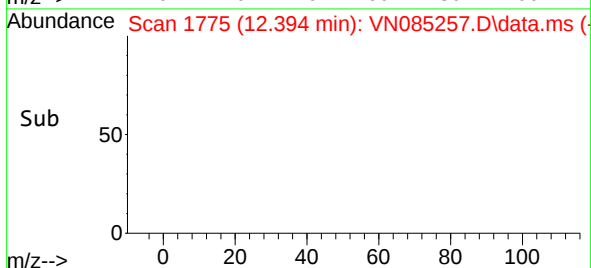
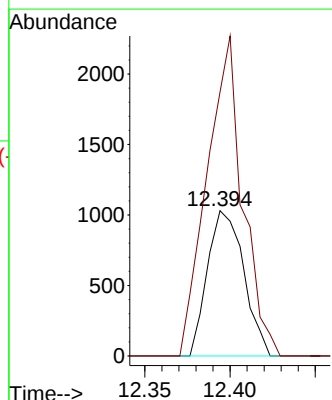
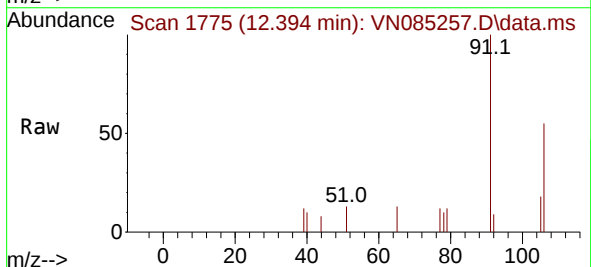
Instrument :
MSVOA_N
ClientSampleId :

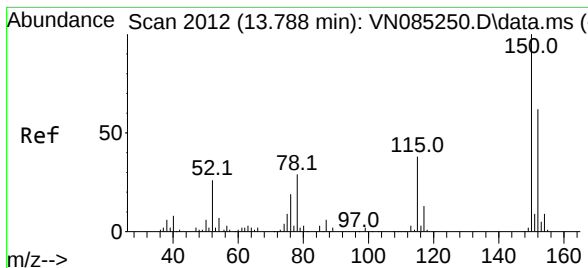
Tgt Ion:106 Resp: 114997
Ion Ratio Lower Upper
106 100
91 212.0 168.3 252.5



#69
o-Xylene
Concen: 0.734 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion:106 Resp: 1524
Ion Ratio Lower Upper
106 100
91 217.4 112.1 336.2

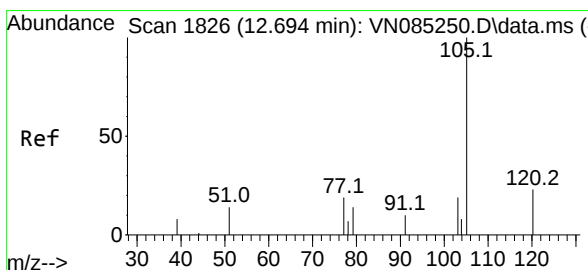
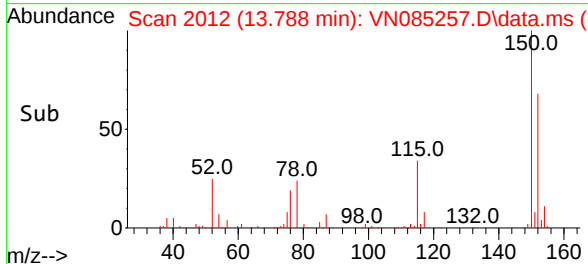
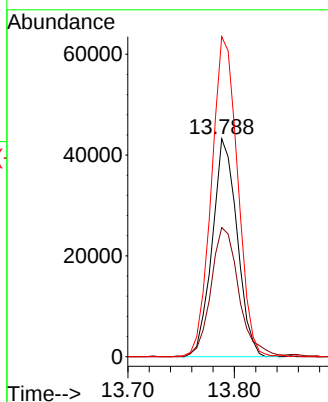
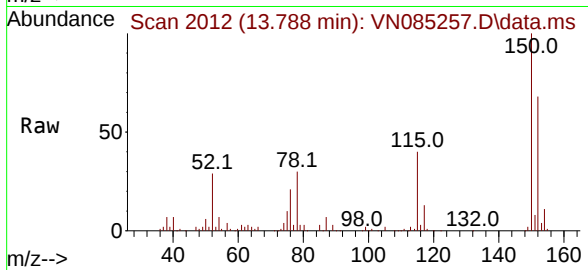




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085257.D
 Acq: 18 Dec 2024 17:56

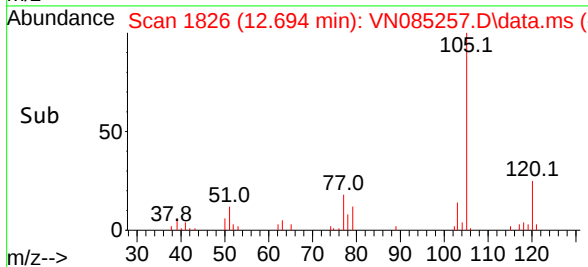
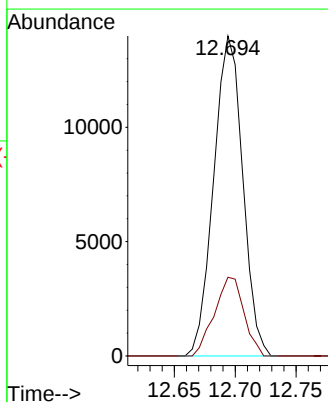
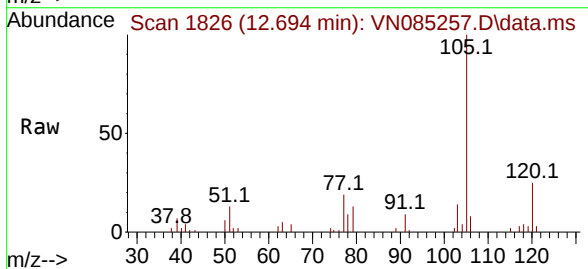
Instrument :
 MSVOA_N
 ClientSampleId :

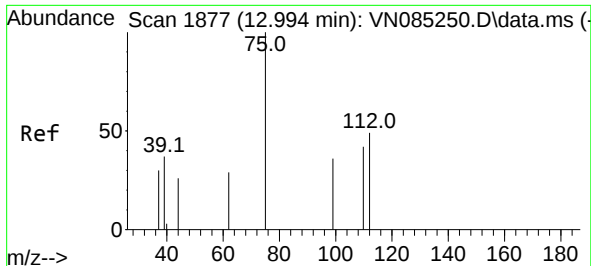
Tgt Ion:152 Resp: 70062
 Ion Ratio Lower Upper
 152 100
 115 66.5 32.1 96.3
 150 155.1 0.0 354.6



#73
 Isopropylbenzene
 Concen: 4.588 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN085257.D
 Acq: 18 Dec 2024 17:56

Tgt Ion:105 Resp: 23186
 Ion Ratio Lower Upper
 105 100
 120 25.0 13.0 38.9

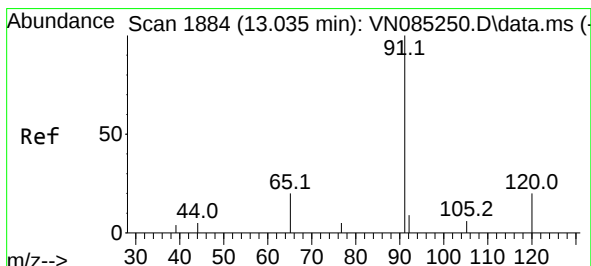
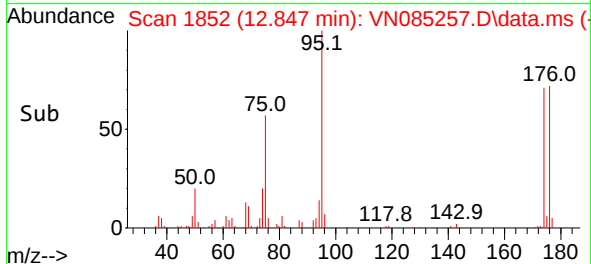
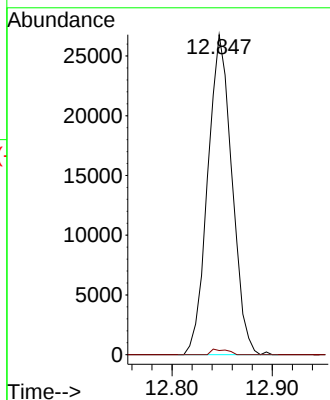
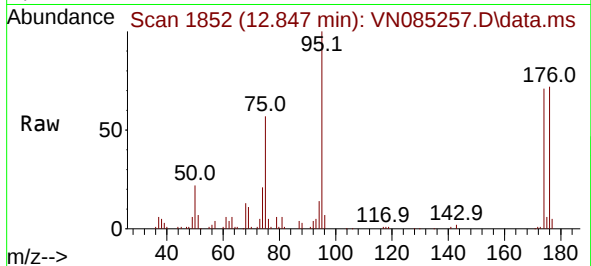




#76
1,2,3-Trichloropropane
Concen: 26.902 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

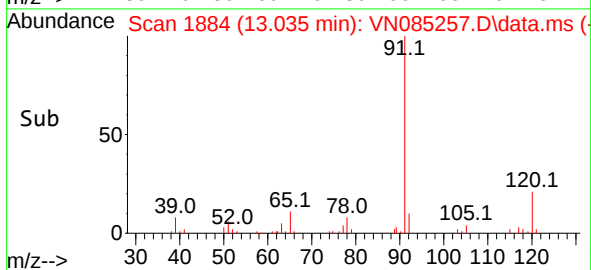
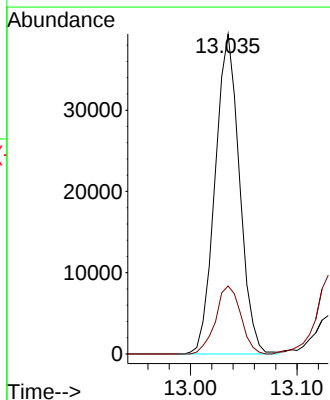
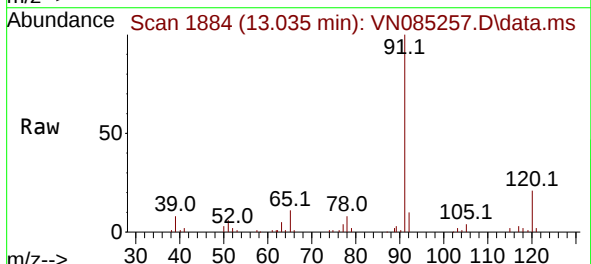
Instrument :
MSVOA_N
ClientSampleId :

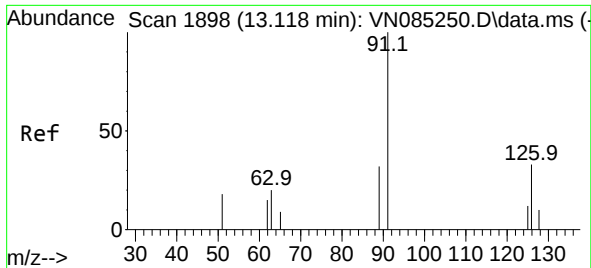
Tgt Ion: 75 Resp: 44928
Ion Ratio Lower Upper
75 100
77 1.2 102.6 307.7#



#78
n-propylbenzene
Concen: 10.096 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 91 Resp: 62580
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.3

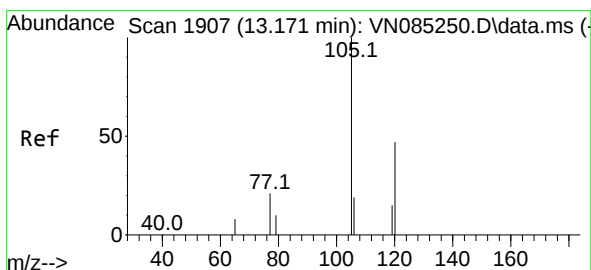
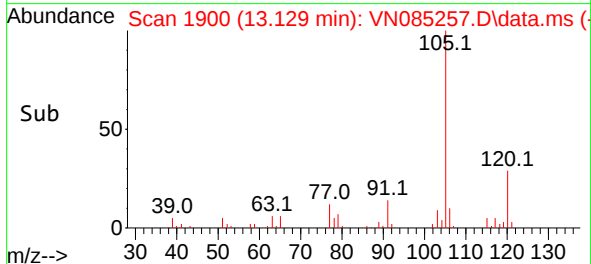
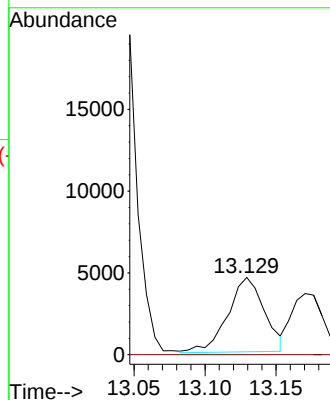
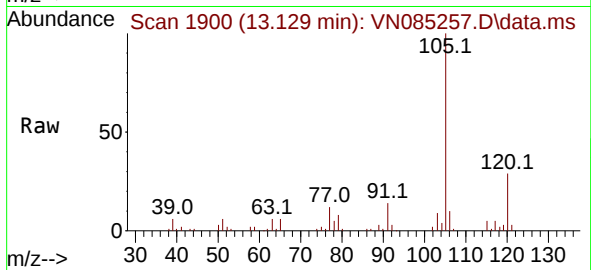




#79
2-Chlorotoluene
Concen: 2.078 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

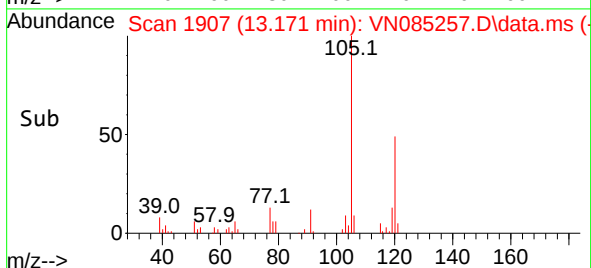
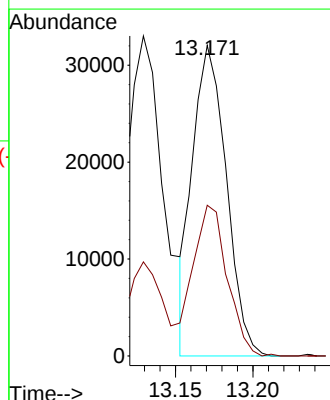
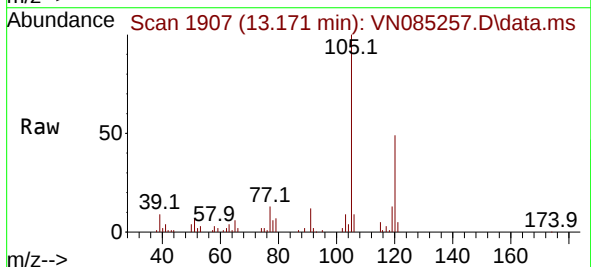
Instrument :
MSVOA_N
ClientSampleId :

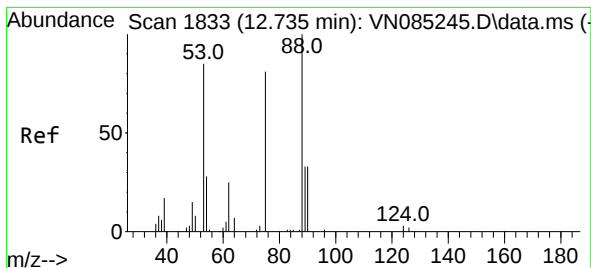
Tgt Ion: 91 Resp: 8177
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.5#



#80
1,3,5-Trimethylbenzene
Concen: 11.478 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 105 Resp: 48387
Ion Ratio Lower Upper
105 100
120 50.7 23.4 70.2

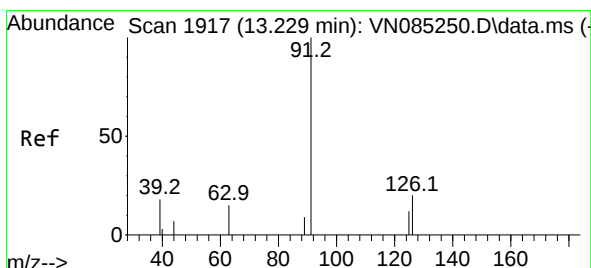
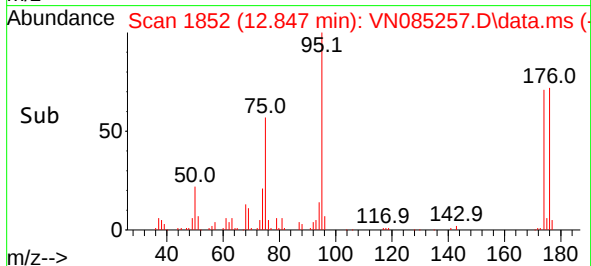
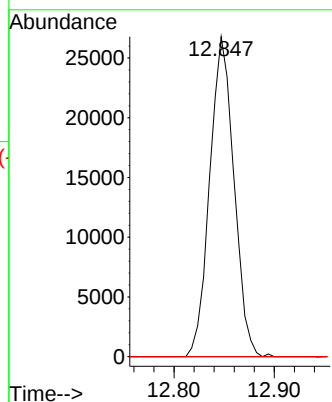
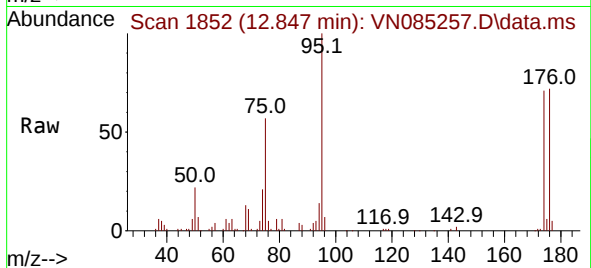




#81
trans-1,4-Dichloro-2-butene
Concen: 71.434 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

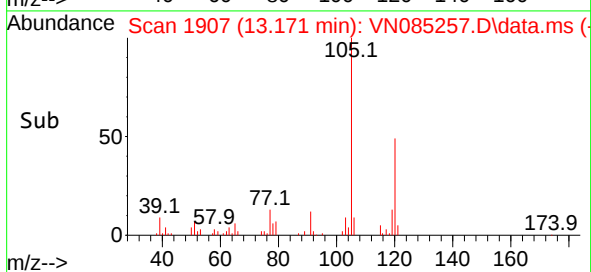
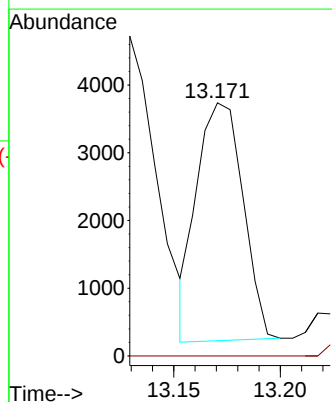
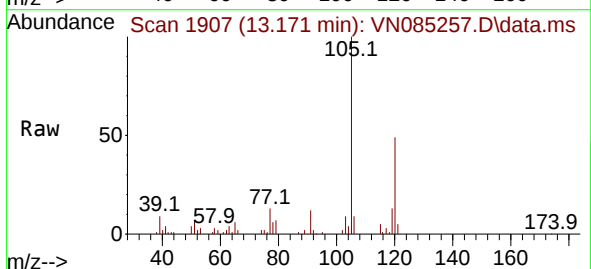
Instrument :
MSVOA_N
ClientSampleId :

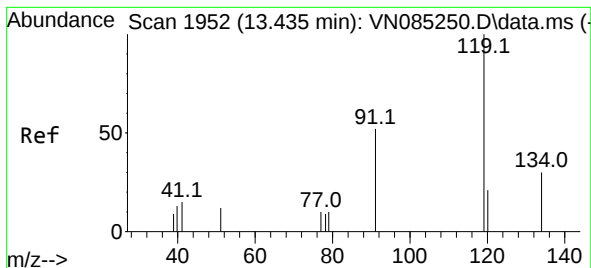
Tgt Ion: 75 Resp: 44928
Ion Ratio Lower Upper
75 100
53 0.0 84.9 127.3#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 1.328 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion: 91 Resp: 5288
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#





#83

tert-Butylbenzene

Concen: 6.135 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

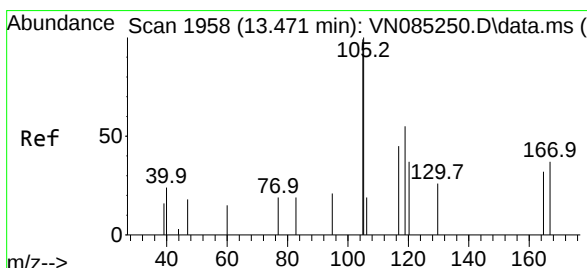
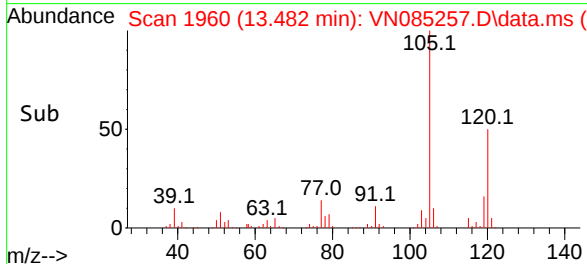
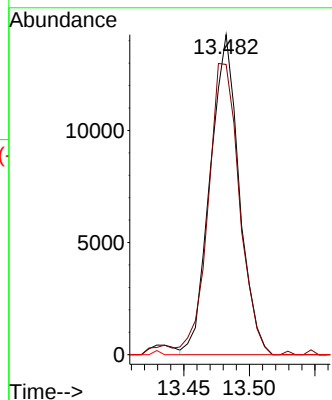
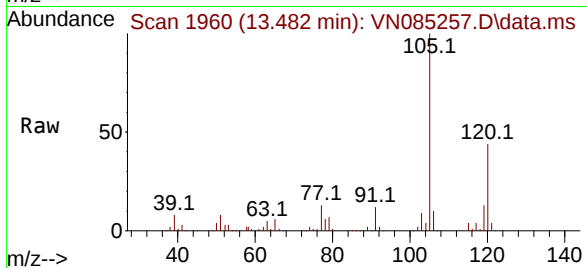
Tgt Ion:119 Resp: 21932

Ion Ratio Lower Upper

119 100

91 100.3 36.3 108.7

134 0.0 12.2 36.6#



#84

1,2,4-Trimethylbenzene

Concen: 41.112 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN085257.D

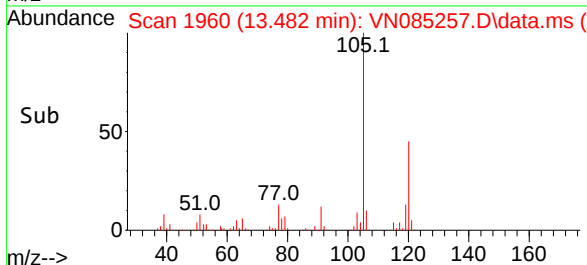
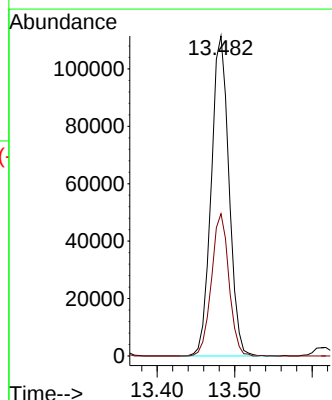
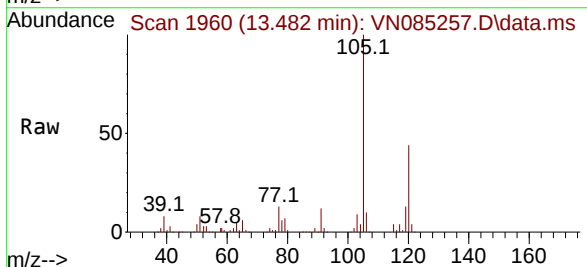
Acq: 18 Dec 2024 17:56

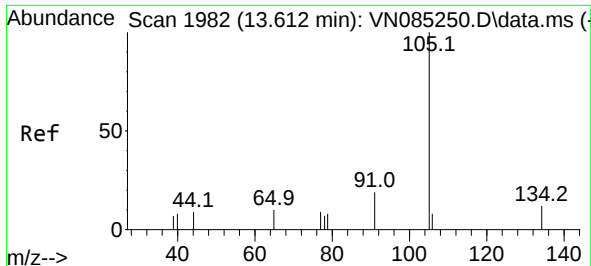
Tgt Ion:105 Resp: 177154

Ion Ratio Lower Upper

105 100

120 43.7 21.8 65.3

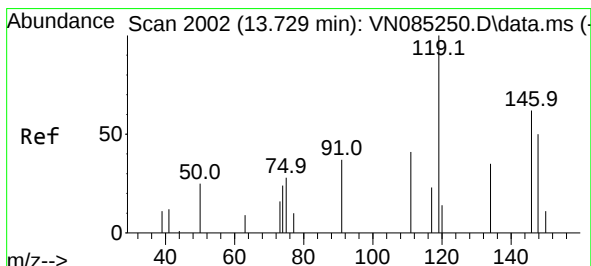
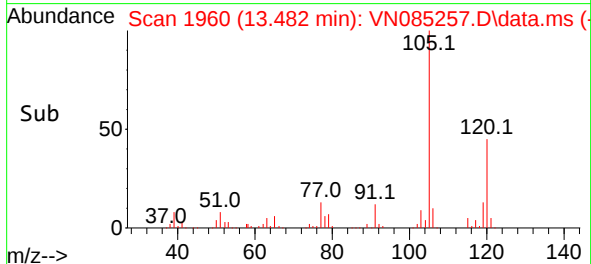
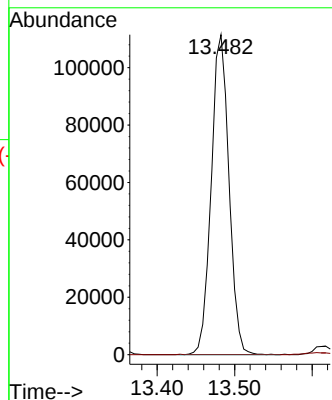
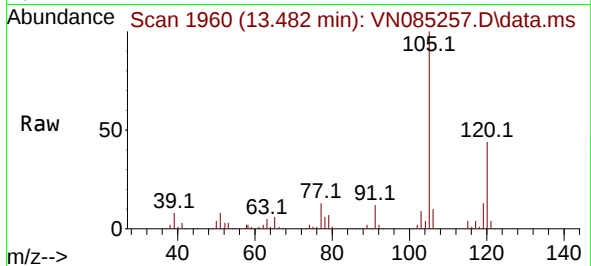




#85
 sec-Butylbenzene
 Concen: 35.543 ug/l
 RT: 13.482 min Scan# 1982
 Delta R.T. -0.129 min
 Lab File: VN085257.D
 Acq: 18 Dec 2024 17:56

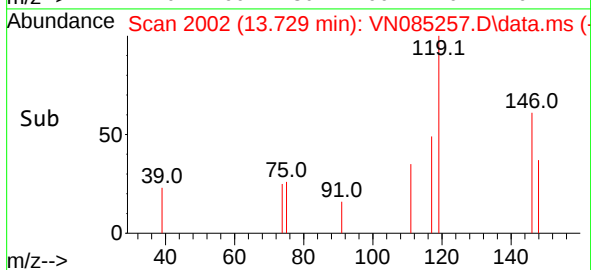
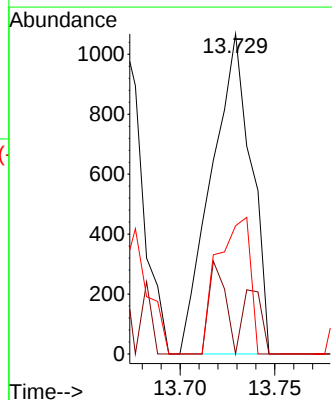
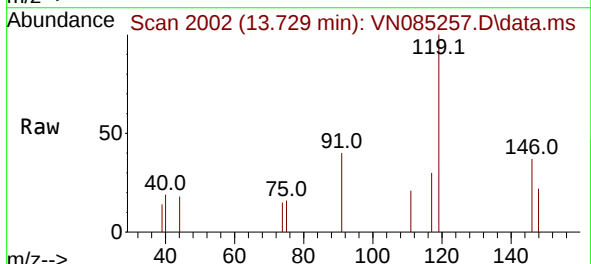
Instrument :
 MSVOA_N
 ClientSampleId :

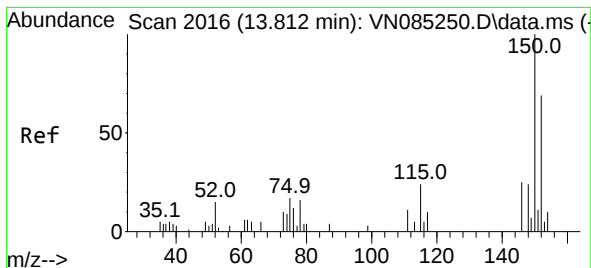
Tgt Ion:105 Resp: 177154
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.3#



#86
 p-Isopropyltoluene
 Concen: 2.256 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085257.D
 Acq: 18 Dec 2024 17:56

Tgt Ion:119 Resp: 1553
 Ion Ratio Lower Upper
 119 100
 134 12.0 12.5 37.5#
 91 0.0 13.0 38.9#





#88

1,4-Dichlorobenzene

Concen: 0.394 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085257.D

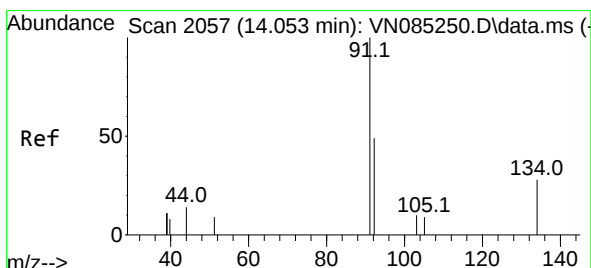
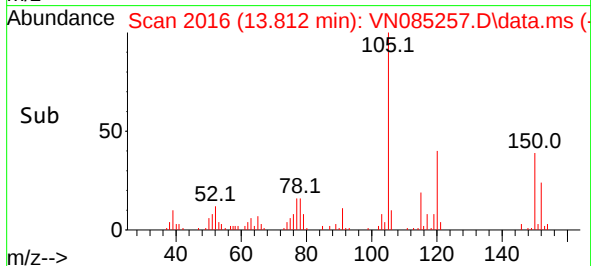
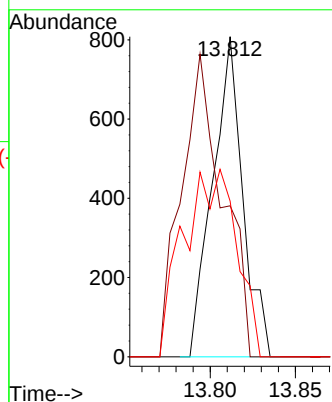
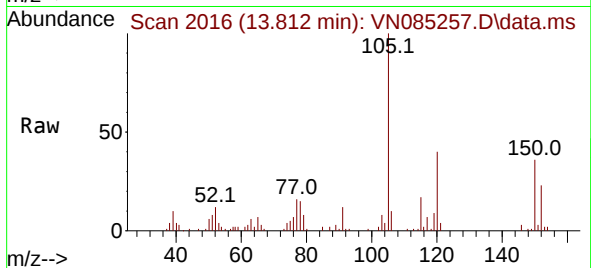
Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	997
Ion	Ratio	Lower	Upper
146	100		
111	128.9	20.8	62.5#
148	103.5	31.9	95.9#



#89

n-Butylbenzene

Concen: 1.871 ug/l

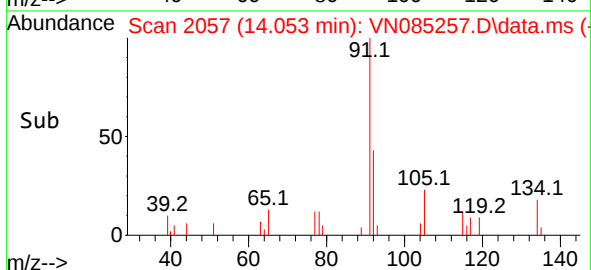
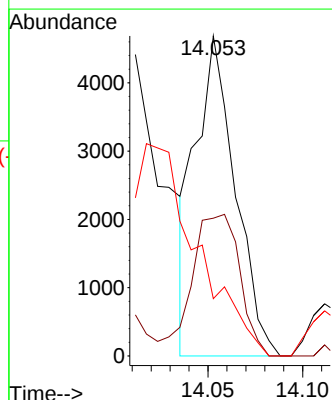
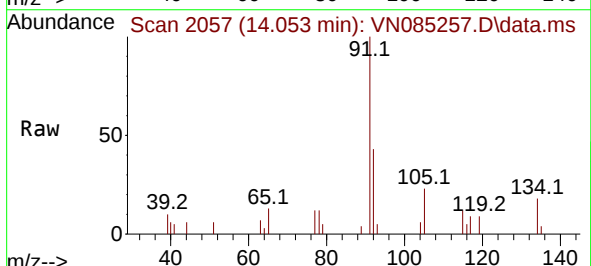
RT: 14.053 min Scan# 2057

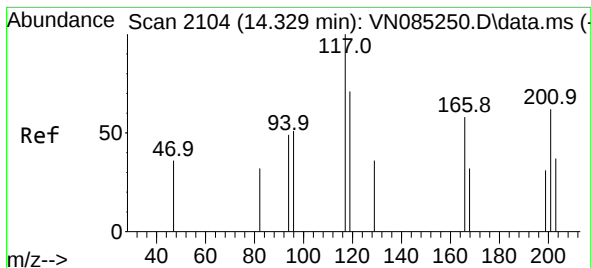
Delta R.T. -0.000 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Tgt Ion:	91	Resp:	6858
Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.8	77.3
134	0.0	12.0	36.0#





#90

Hexachloroethane

Concen: 6.134 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.012 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

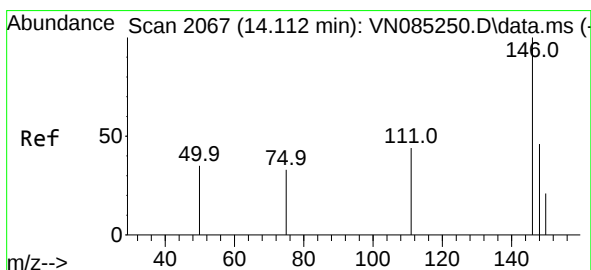
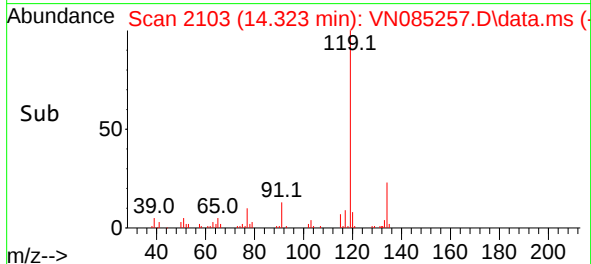
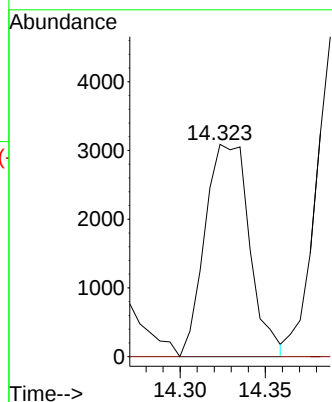
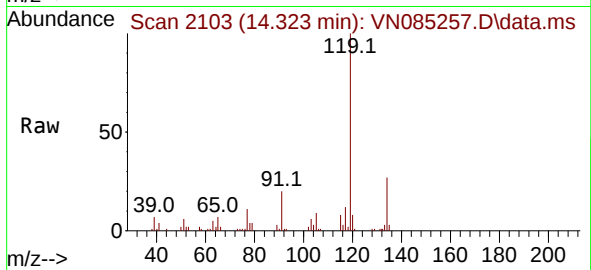
ClientSampleId :

Tgt Ion:117 Resp: 5616

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.7#



#91

1,2-Dichlorobenzene

Concen: 0.220 ug/l

RT: 14.118 min Scan# 2068

Delta R.T. 0.012 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

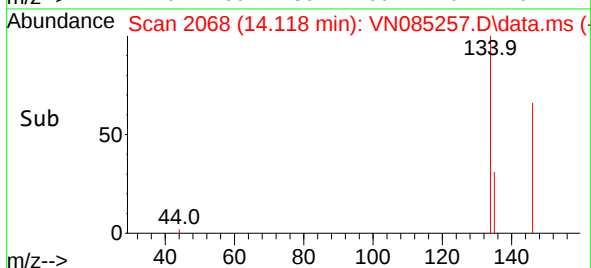
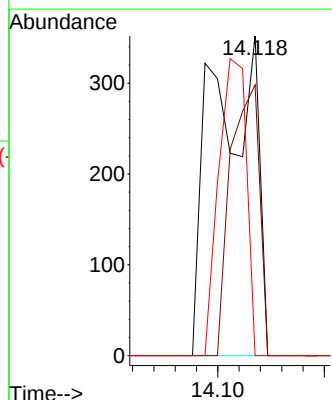
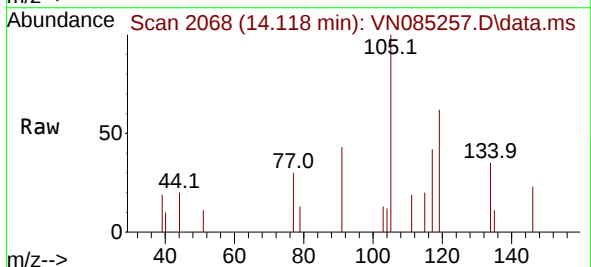
Tgt Ion:146 Resp: 501

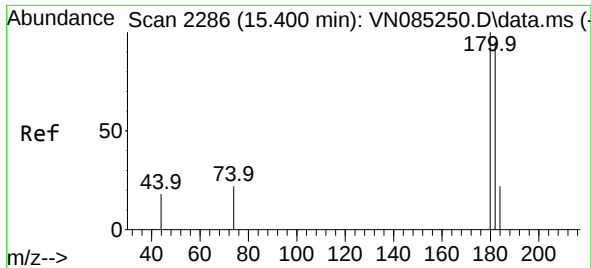
Ion Ratio Lower Upper

146 100

111 55.9 22.1 66.1

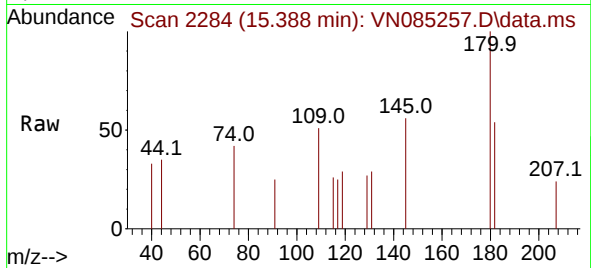
148 58.7 31.9 95.9



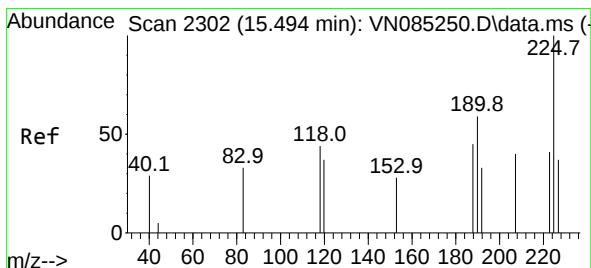
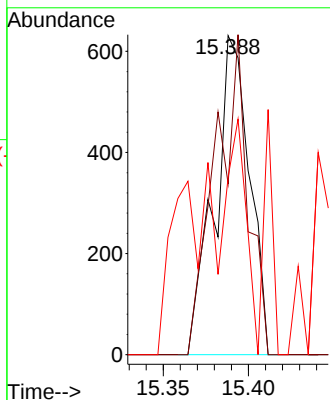
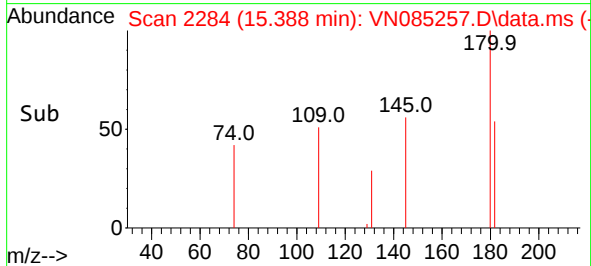


#93
1,2,4-Trichlorobenzene
Concen: 0.770 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

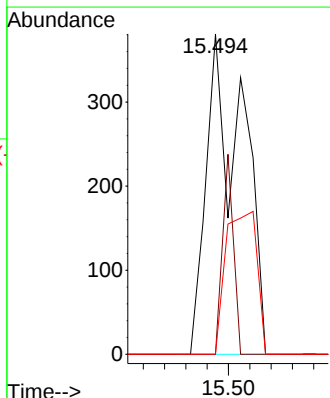
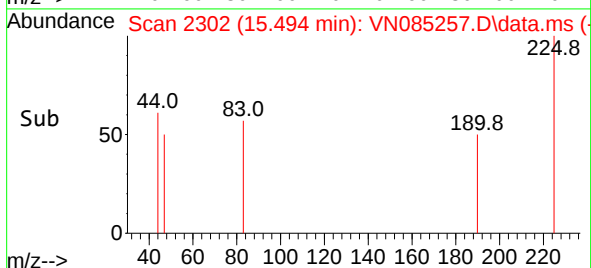
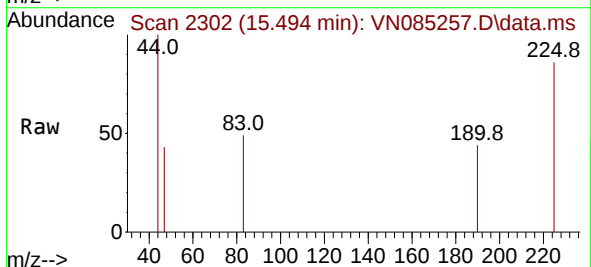


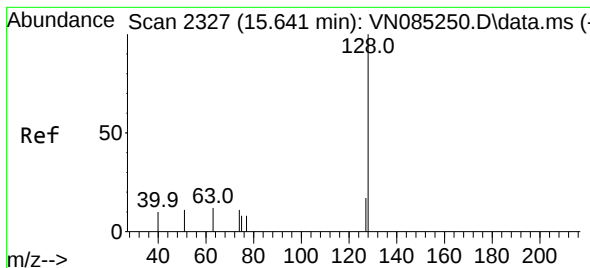
Tgt Ion:180 Resp: 896
Ion Ratio Lower Upper
180 100
182 93.8 46.3 138.8
145 41.6 16.6 49.7



#94
Hexachlorobutadiene
Concen: 0.738 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085257.D
Acq: 18 Dec 2024 17:56

Tgt Ion:225 Resp: 446
Ion Ratio Lower Upper
225 100
223 18.8 34.1 102.2#
227 38.6 33.2 99.6





#95

Naphthalene

Concen: 28.918 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

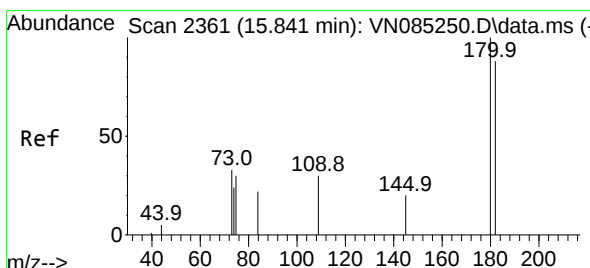
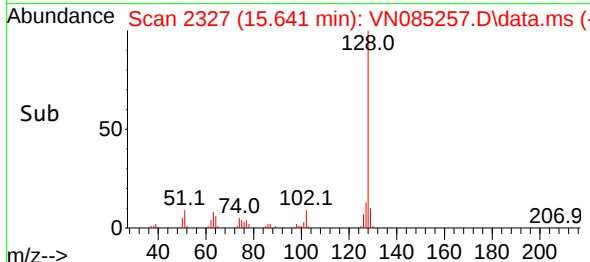
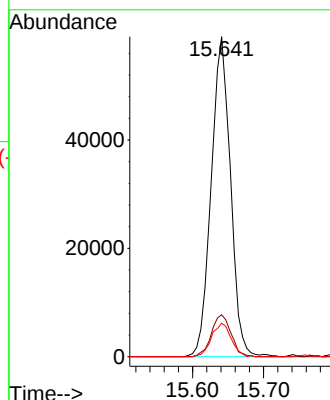
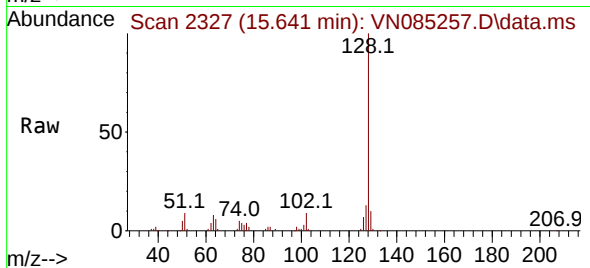
Tgt Ion:128 Resp: 111423

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.555 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085257.D

Acq: 18 Dec 2024 17:56

Tgt Ion:180 Resp: 645

Ion Ratio Lower Upper

180 100

182 136.3 46.9 140.6

145 54.0 17.6 52.8#

