

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085233.D
 Acq On : 17 Dec 2024 18:46
 Operator : JC\MD
 Sample : P5291-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:31:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103719	45.912	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.820%		
35) Dibromofluoromethane	8.165	113	84108	46.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	10.565	98	317605	49.432	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.847	95	124253	51.712	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.420%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	777	0.374	ug/l #	40
6) Chloroethane	3.153	64	429	0.341	ug/l #	44
11) Tert butyl alcohol	5.518	59	628	2.080	ug/l #	75
13) Acrolein	4.130	56	407	2.020	ug/l #	1
14) Allyl chloride	5.141	41	1154	0.407	ug/l #	3
15) Acrylonitrile	5.806	53	7377	8.631	ug/l #	28
16) Acetone	4.424	43	19261	29.275	ug/l #	71
18) Methyl Acetate	5.283	43	66380	31.133	ug/l #	50
19) Methyl tert-butyl Ether	5.800	73	29405	5.346	ug/l #	1
20) Methylene Chloride	5.283	84	1265	0.630	ug/l #	46
23) Vinyl Acetate	6.659	43	1981	0.503	ug/l #	71
25) 2-Butanone	7.488	43	6419	5.967	ug/l	100
26) 2,2-Dichloropropane	7.330	77	1685	0.528	ug/l #	54
29) Tetrahydrofuran	7.941	42	282	0.422	ug/l #	31
30) Chloroform	7.941	83	10885	2.994	ug/l #	17
31) Cyclohexane	8.253	56	70866	23.549	ug/l #	90
36) 1,1-Dichloropropene	8.224	75	13360	5.502	ug/l #	51
37) Ethyl Acetate	7.488	43	6419	2.908	ug/l #	71
38) Carbon Tetrachloride	8.218	117	17109	6.104	ug/l #	14
39) Methylcyclohexane	9.600	83	82822	32.821	ug/l	95
40) Benzene	8.606	78	383432	49.923	ug/l	100
41) Methacrylonitrile	7.741	41	582	0.476	ug/l #	23
43) Isopropyl Acetate	8.706	43	14216	3.100	ug/l #	55
45) 1,2-Dichloropropane	9.600	63	1006	0.532	ug/l #	1
47) Bromodichloromethane	9.876	83	5043	1.810	ug/l #	26
48) Methyl methacrylate	9.594	41	55621	32.595	ug/l #	59
51) 4-Methyl-2-Pentanone	10.441	43	6468	3.088	ug/l	92
52) Toluene	10.629	92	22715	4.996	ug/l	98
55) 1,1,2-Trichloroethane	11.006	97	16819	9.931	ug/l #	21
56) Ethyl methacrylate	10.918	69	3405	1.376	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.153	63	884	0.728	ug/l #	46
59) 2-Hexanone	11.323	43	483	0.308	ug/l	84
65) Chlorobenzene	12.041	112	1293	0.242	ug/l #	42
67) Ethyl Benzene	11.965	91	1919322	221.682	ug/l	100
68) m/p-Xylenes	12.070	106	776720	235.637	ug/l	100
69) o-Xylene	12.394	106	8932	2.849	ug/l	93

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

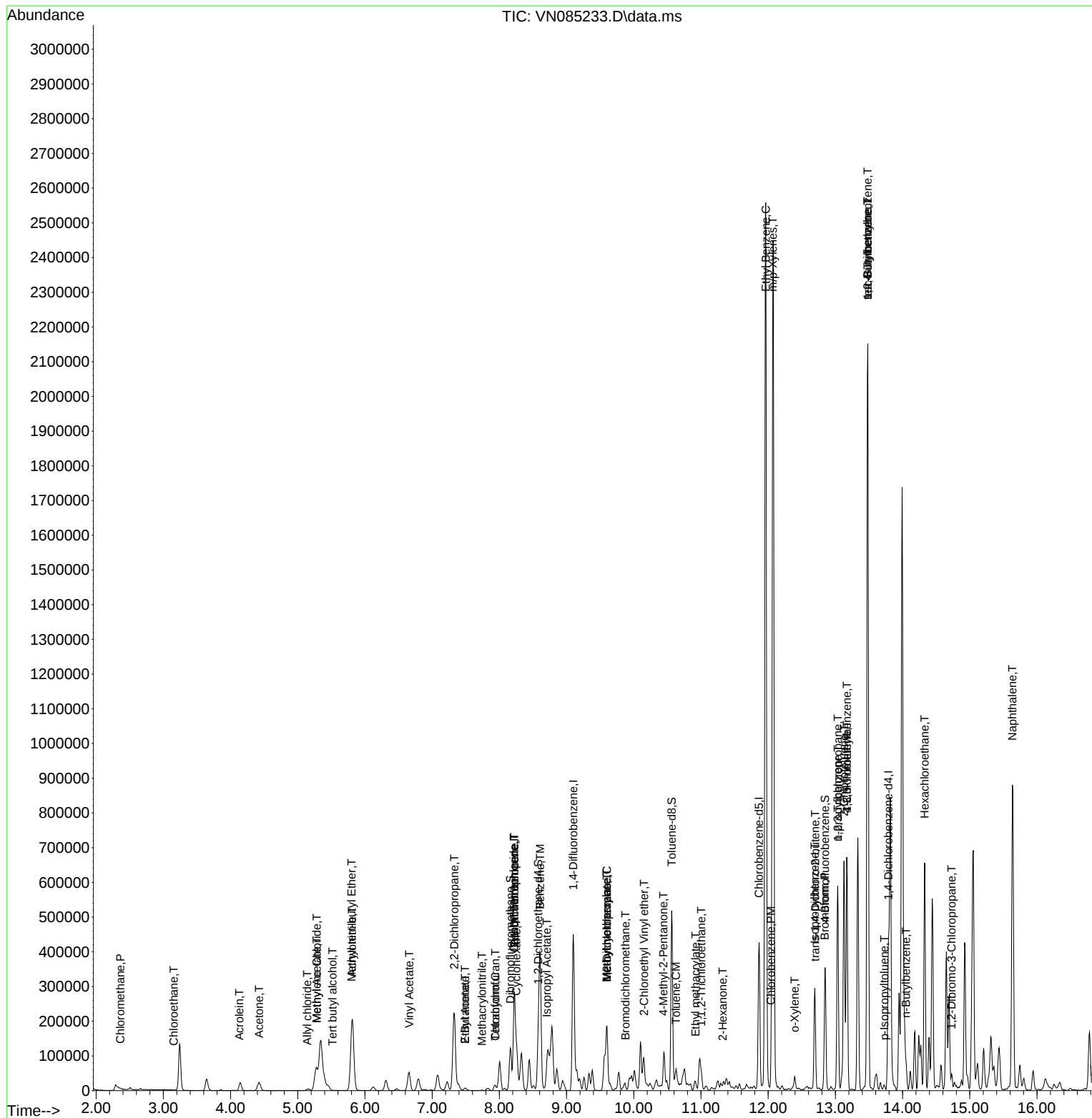
71) Bromoform	12.841	173	404	0.290	ug/l #	1
73) Isopropylbenzene	12.694	105	189007	24.634	ug/l	99
76) 1,2,3-Trichloropropane	13.035	75	3201	1.618	ug/l #	1
78) n-propylbenzene	13.035	91	468009	52.885	ug/l	100
79) 2-Chlorotoluene	13.129	91	55511	9.397	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	356497	55.372	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.700	75	2388	2.665	ug/l #	64
82) 4-Chlorotoluene	13.170	91	38759	6.303	ug/l #	42
83) tert-Butylbenzene	13.482	119	152862	27.595	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.482	105	1271323	191.834	ug/l	99
85) sec-Butylbenzene	13.482	105	1271323	169.892	ug/l #	57
86) p-Isopropyltoluene	13.729	119	6534	1.058	ug/l #	73
89) n-Butylbenzene	14.053	91	35403	6.163	ug/l #	81
90) Hexachloroethane	14.329	117	33440	24.835	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.729	75	188	0.371	ug/l #	5
95) Naphthalene	15.635	128	829236	137.329	ug/l	99

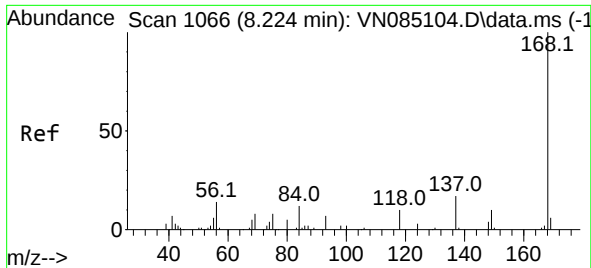
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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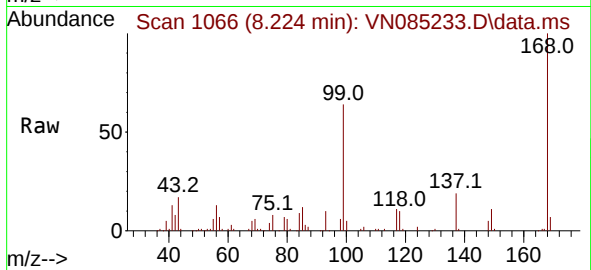
Quant Time: Dec 18 00:31:02 2024
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Quant Title : SW846 8260
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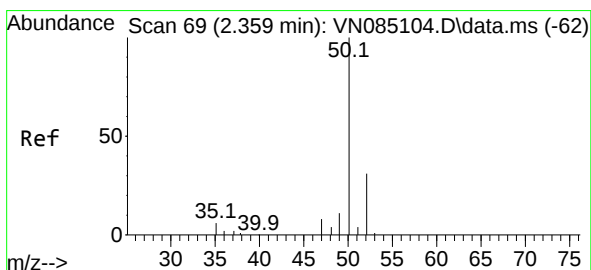
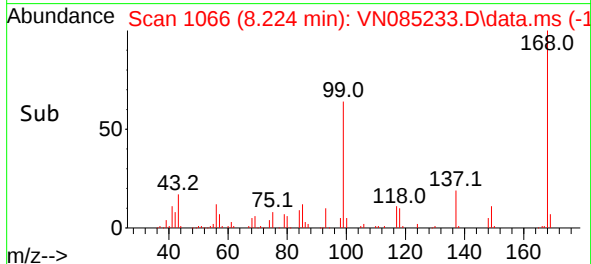
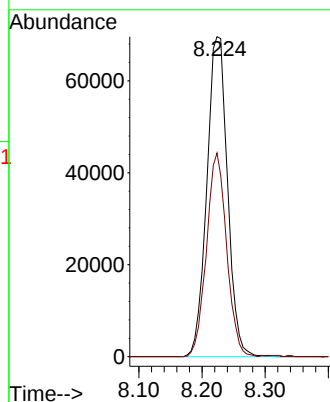


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :

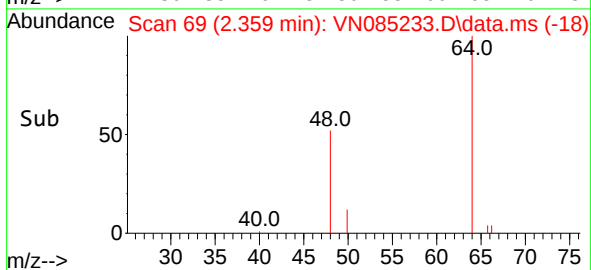
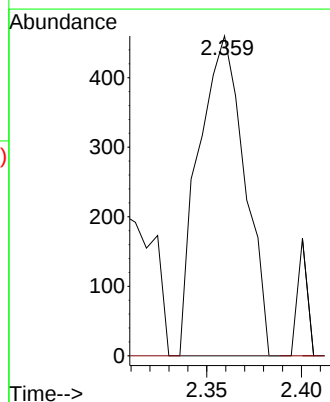
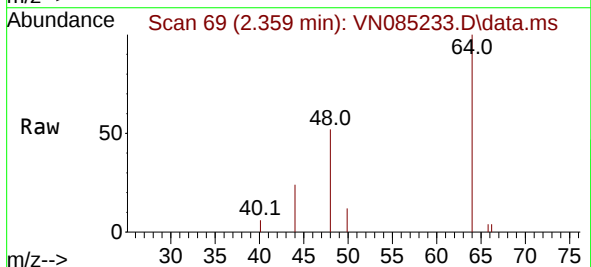


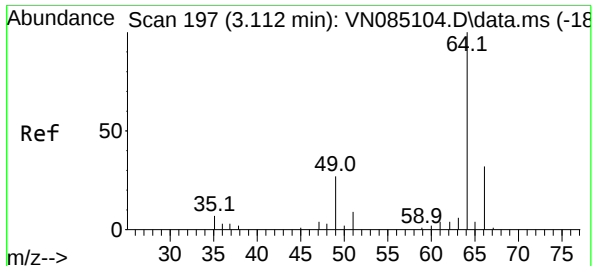
Tgt Ion:168 Resp: 158597
Ion Ratio Lower Upper
168 100
99 63.6 51.2 76.8



#3
Chloromethane
Concen: 0.374 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 50 Resp: 777
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

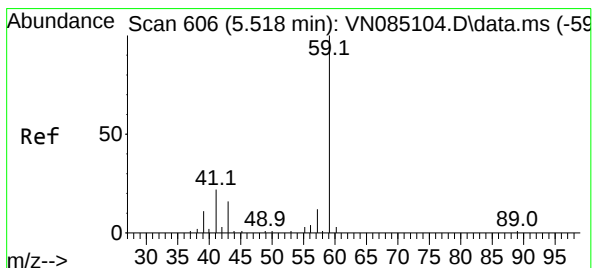
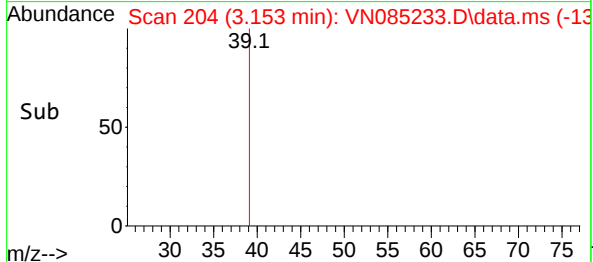
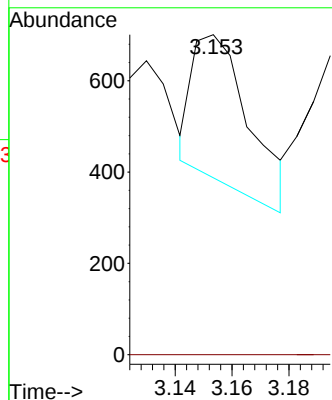
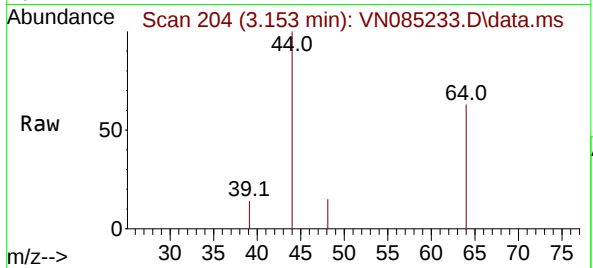




#6
Chloroethane
Concen: 0.341 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.088 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

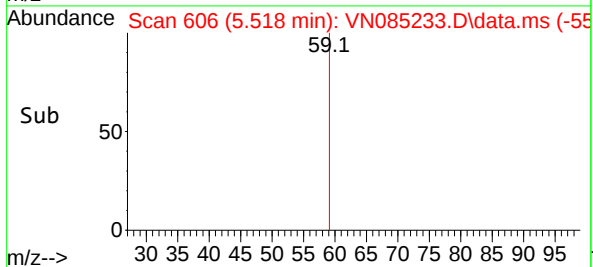
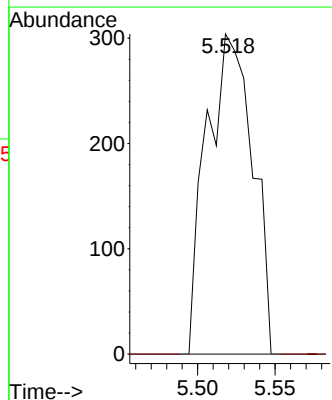
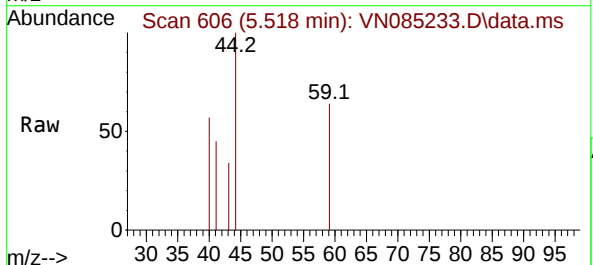
Instrument :
MSVOA_N
ClientSampleId :

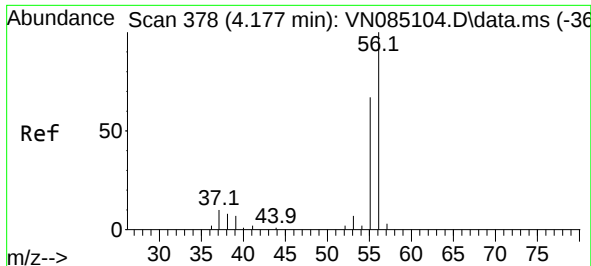
Tgt Ion: 64 Resp: 429
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#11
Tert butyl alcohol
Concen: 2.080 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#13

Acrolein

Concen: 2.020 ug/l

RT: 4.130 min Scan# 31

Delta R.T. -0.035 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Instrument :

MSVOA_N

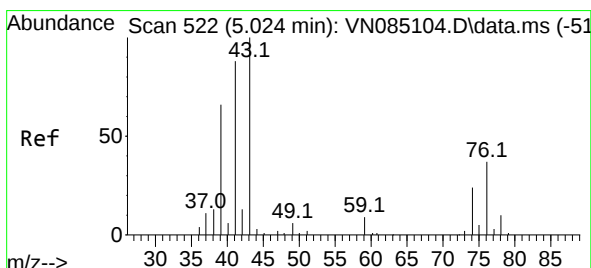
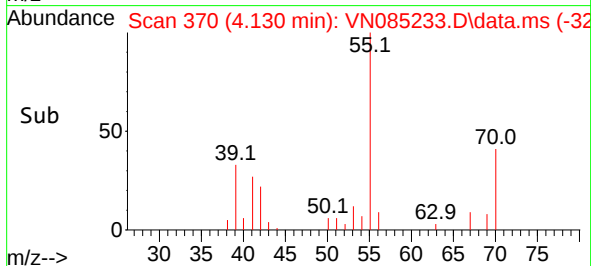
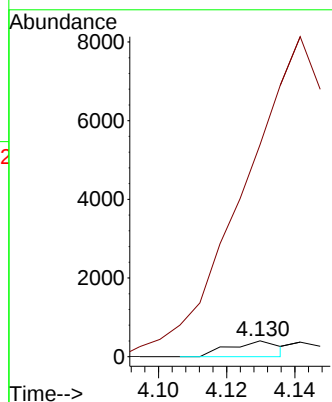
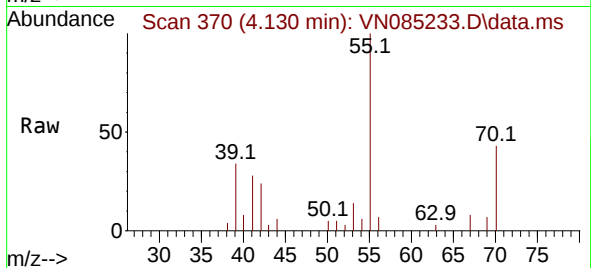
ClientSampleId :

Tgt Ion: 56 Resp: 407

Ion Ratio Lower Upper

56 100

55 5119.9 54.5 81.7#



#14

Allyl chloride

Concen: 0.407 ug/l

RT: 5.141 min Scan# 542

Delta R.T. 0.135 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

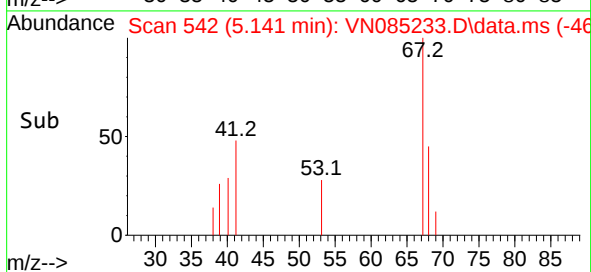
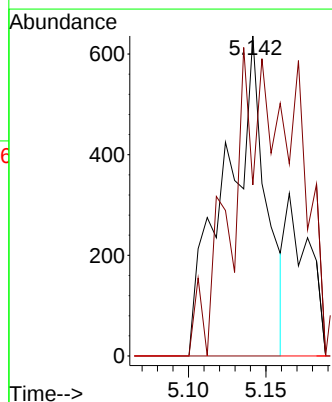
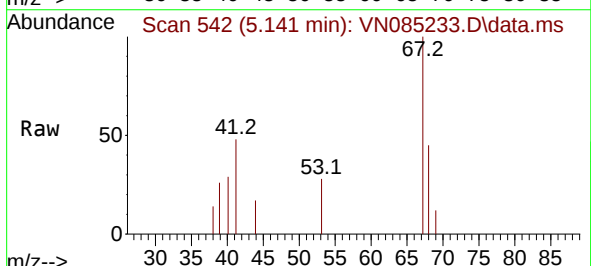
Tgt Ion: 41 Resp: 1154

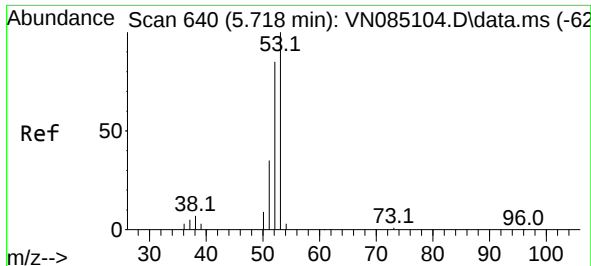
Ion Ratio Lower Upper

41 100

39 160.6 53.8 80.8#

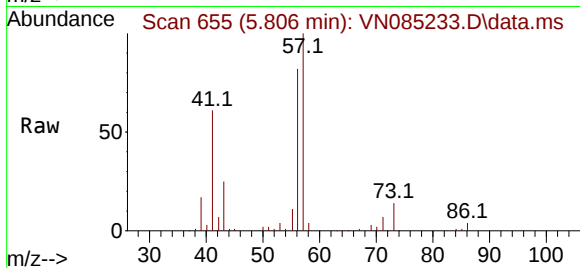
76 0.0 29.3 43.9#



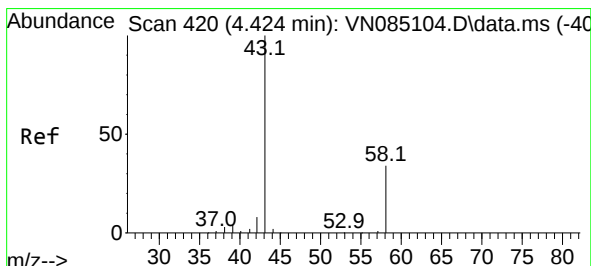
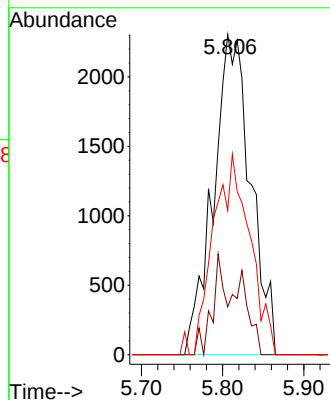
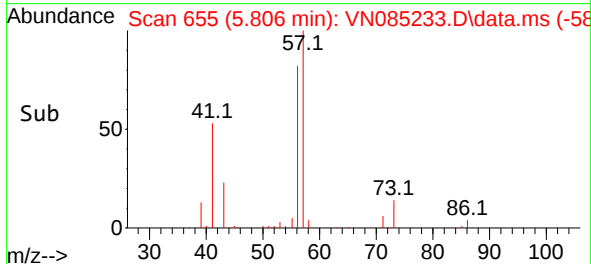


#15
Acrylonitrile
Concen: 8.631 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.094 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :

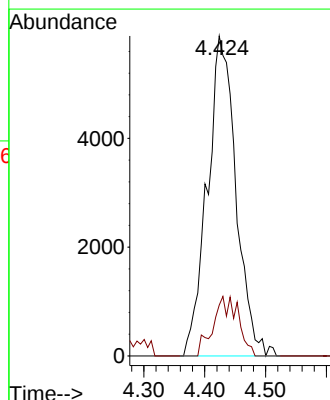
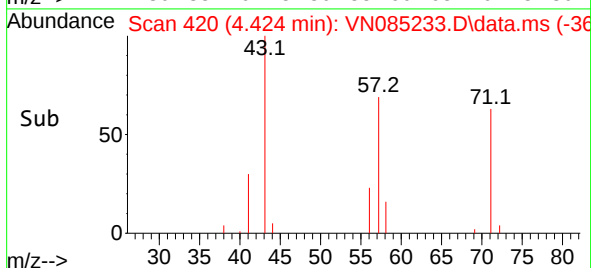
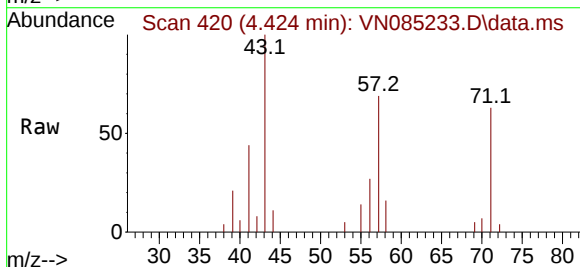


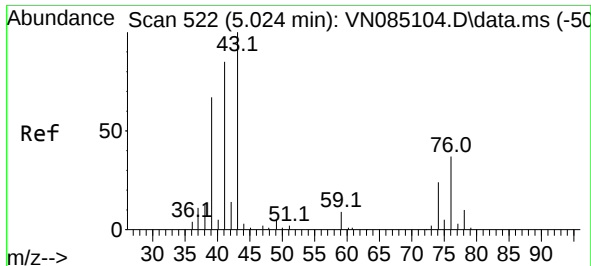
Tgt Ion: 53 Resp: 7377
Ion Ratio Lower Upper
53 100
52 6.6 65.5 98.3#
51 60.4 28.4 42.6#



#16
Acetone
Concen: 29.275 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 43 Resp: 19261
Ion Ratio Lower Upper
43 100
58 15.9 25.4 38.2#





#18

Methyl Acetate

Concen: 31.133 ug/l

RT: 5.283 min Scan# 5

Delta R.T. 0.265 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Instrument :

MSVOA_N

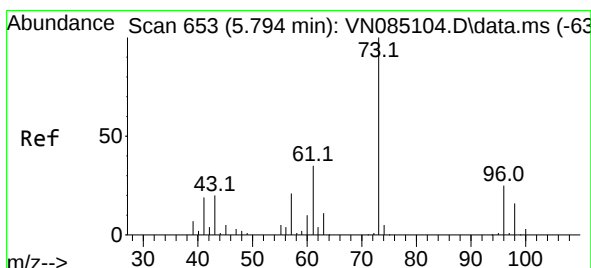
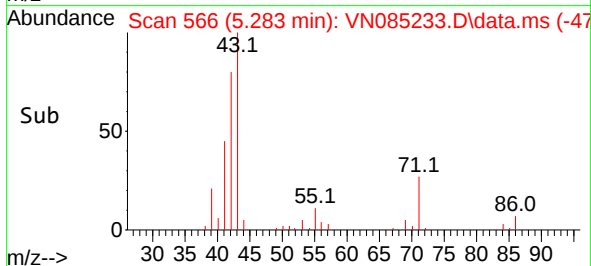
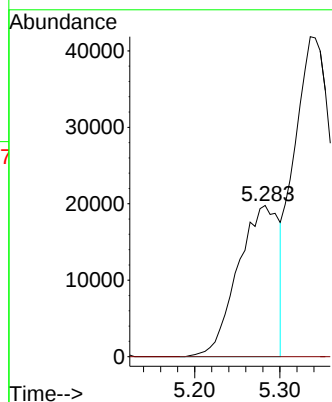
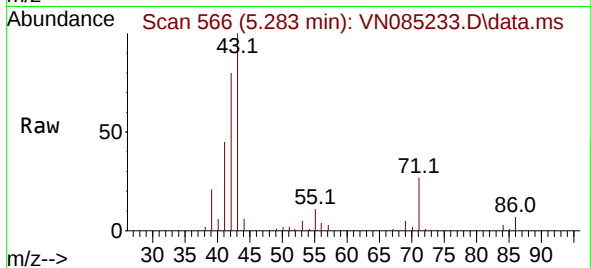
ClientSampleId :

Tgt Ion: 43 Resp: 66380

Ion Ratio Lower Upper

43 100

74 0.0 20.1 30.1#



#19

Methyl tert-butyl Ether

Concen: 5.346 ug/l

RT: 5.800 min Scan# 654

Delta R.T. 0.012 min

Lab File: VN085233.D

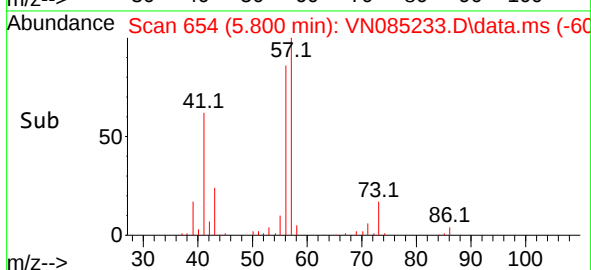
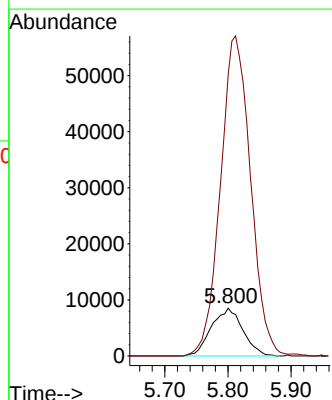
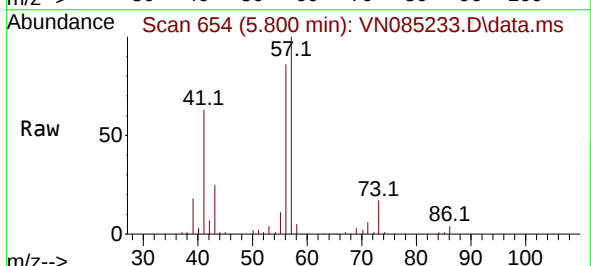
Acq: 17 Dec 2024 18:46

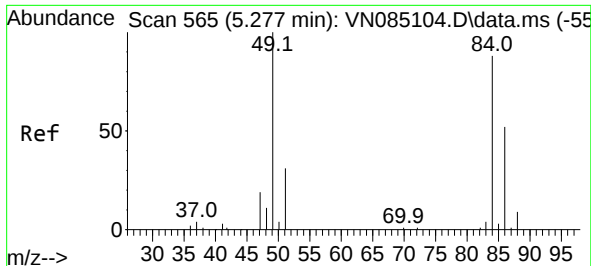
Tgt Ion: 73 Resp: 29405

Ion Ratio Lower Upper

73 100

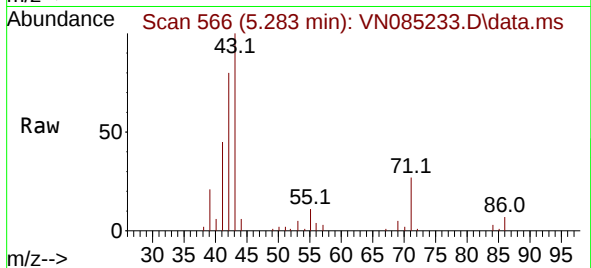
57 590.2 17.0 25.4#



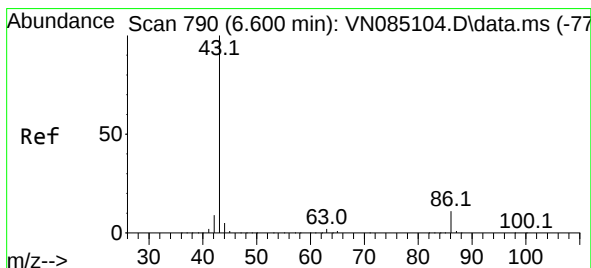
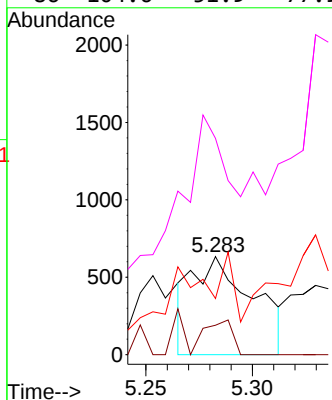
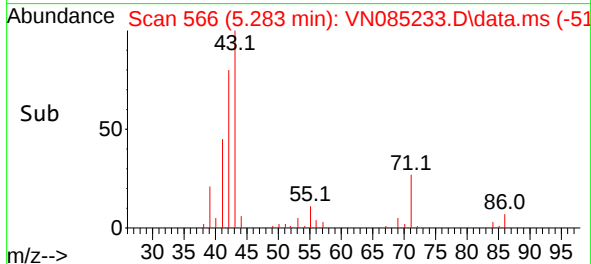


#20
Methylene Chloride
Concen: 0.630 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Instrument :
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ClientSampleId :

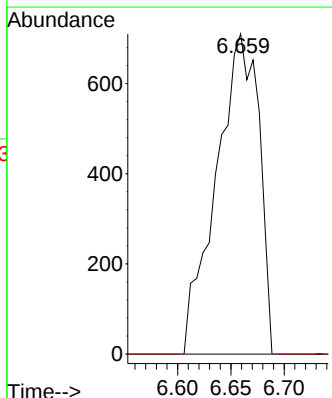
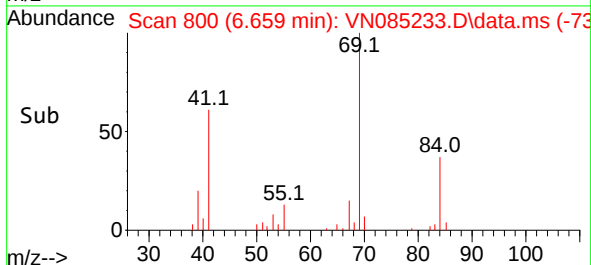
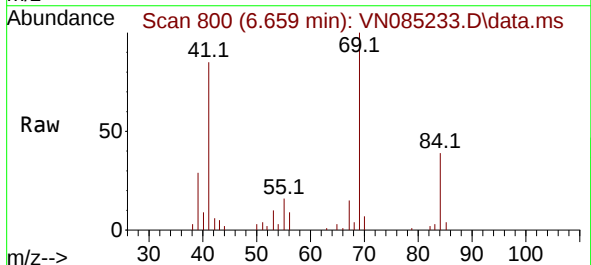


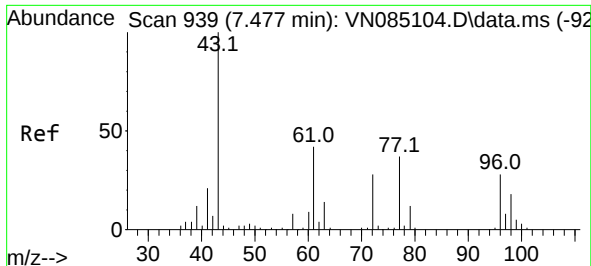
Tgt Ion: 84 Resp: 1265
Ion Ratio Lower Upper
84 100
49 58.3 92.7 139.1#
51 0.0 29.4 44.2#
86 104.6 51.9 77.9#



#23
Vinyl Acetate
Concen: 0.503 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.065 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
86 0.0 8.9 13.3#





#25

2-Butanone

Concen: 5.967 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Instrument :

MSVOA_N

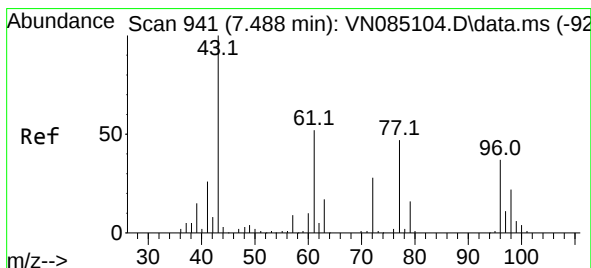
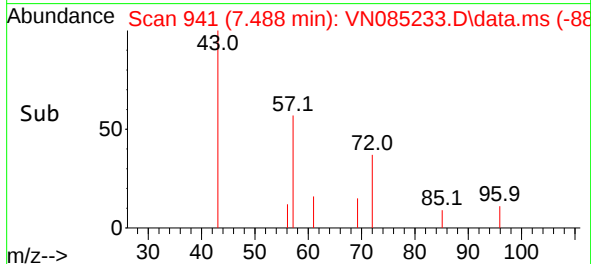
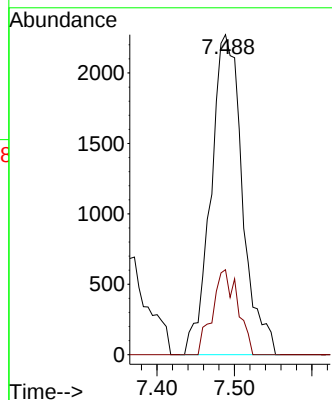
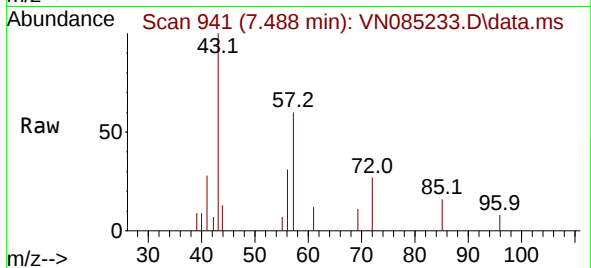
ClientSampleId :

Tgt Ion: 43 Resp: 6419

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 0.528 ug/l

RT: 7.330 min Scan# 914

Delta R.T. -0.153 min

Lab File: VN085233.D

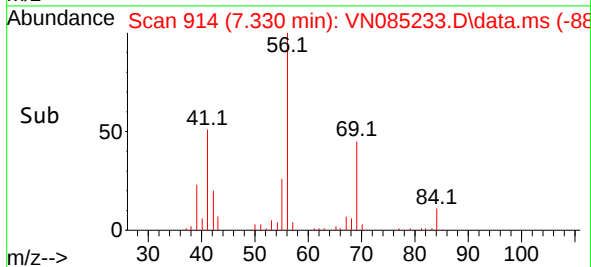
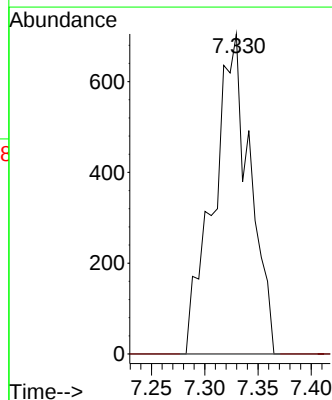
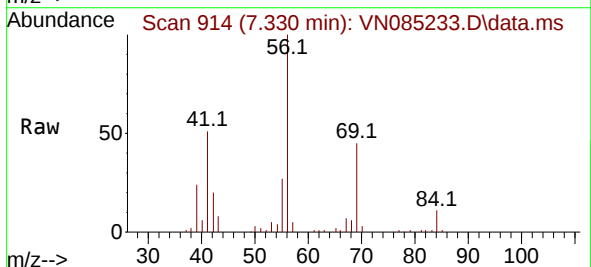
Acq: 17 Dec 2024 18:46

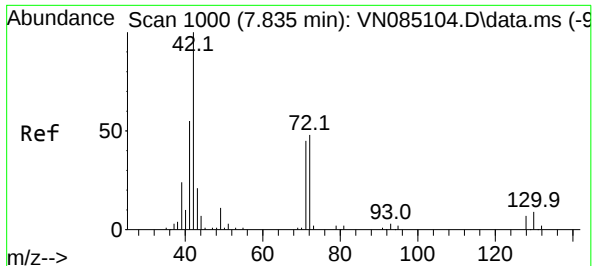
Tgt Ion: 77 Resp: 1685

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.7#

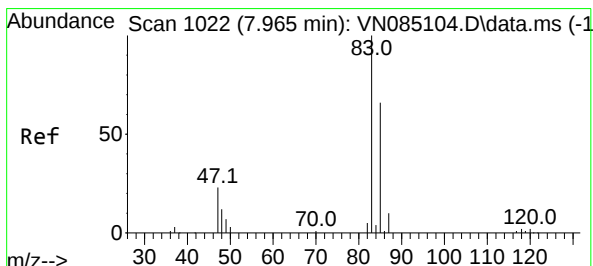
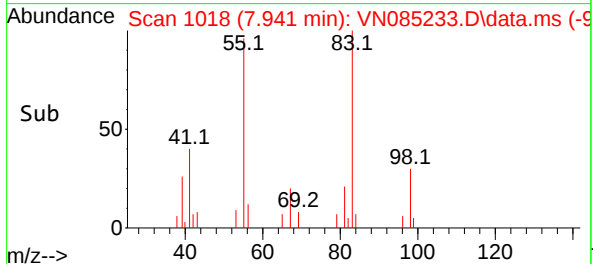
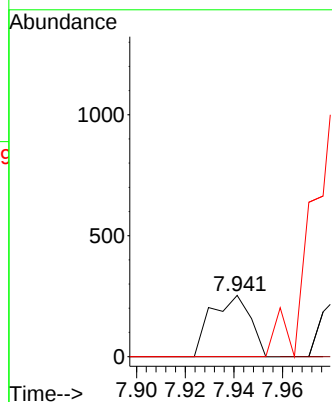
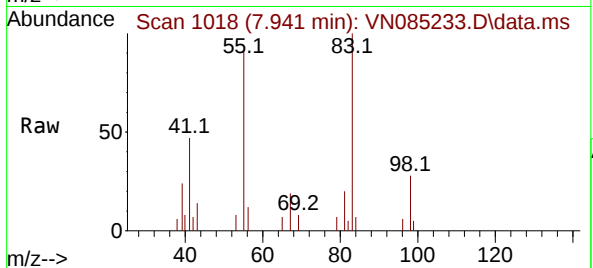




#29
Tetrahydrofuran
Concen: 0.422 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. 0.106 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

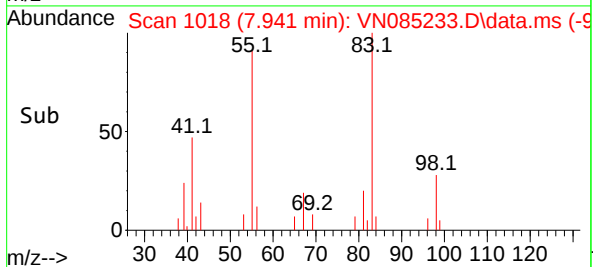
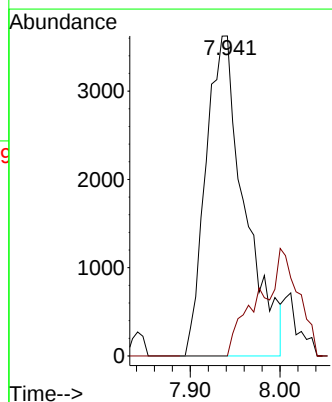
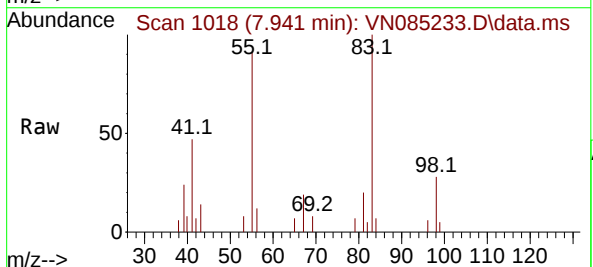
Instrument :
MSVOA_N
ClientSampleId :

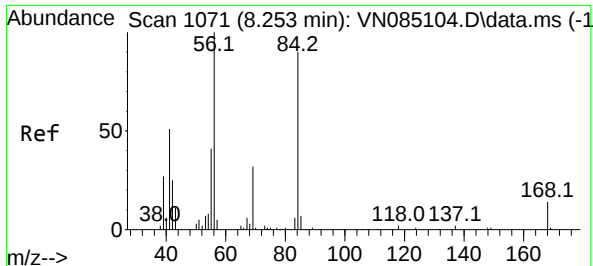
Tgt Ion: 42 Resp: 282
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 0.0 35.0 52.4#



#30
Chloroform
Concen: 2.994 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.018 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 83 Resp: 10885
Ion Ratio Lower Upper
83 100
85 0.0 52.6 78.8#

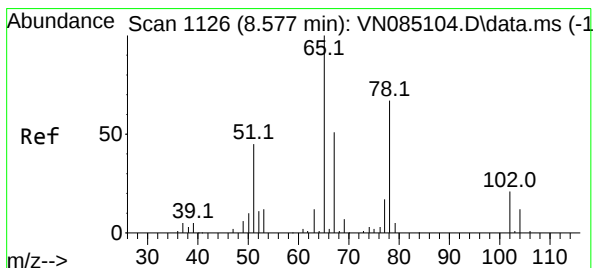
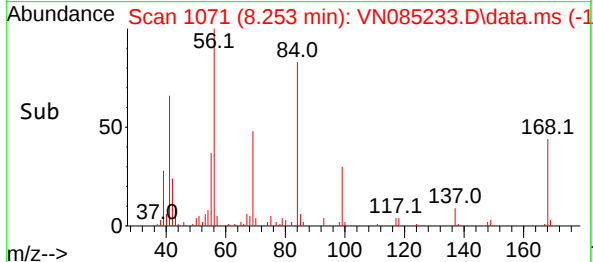
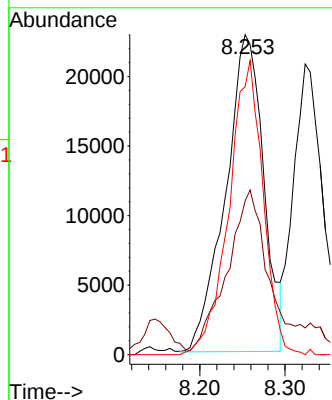
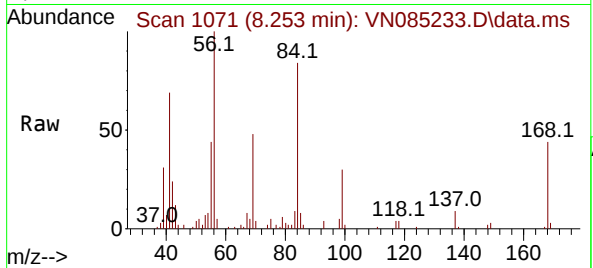




#31
Cyclohexane
Concen: 23.549 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

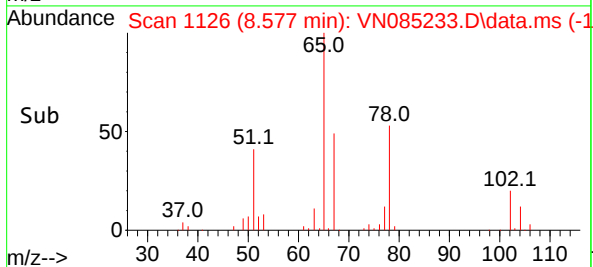
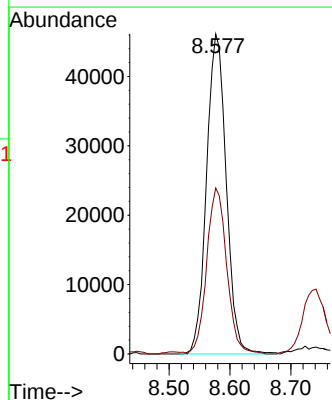
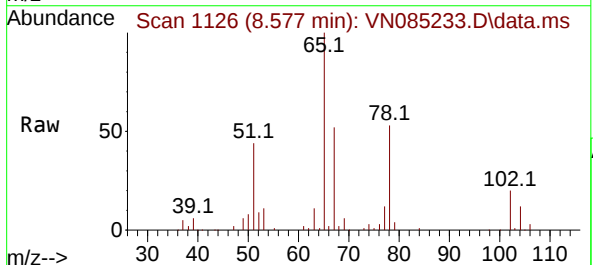
Instrument :
MSVOA_N
ClientSampleId :

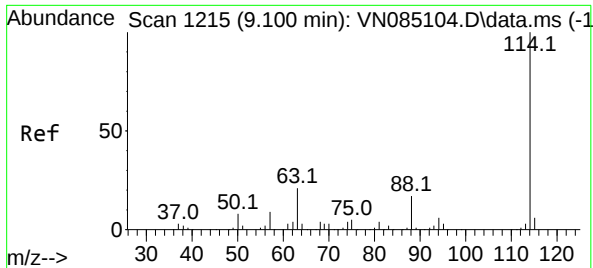
Tgt Ion: 56 Resp: 70866
Ion Ratio Lower Upper
56 100
69 45.0 24.6 36.8#
84 84.7 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 45.912 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 65 Resp: 103719
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

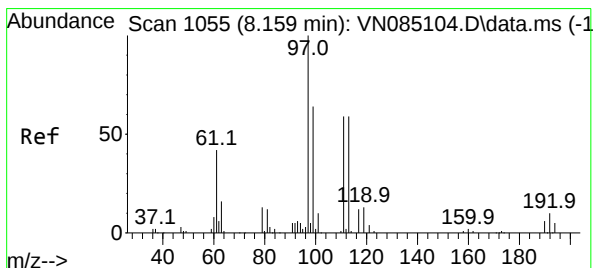
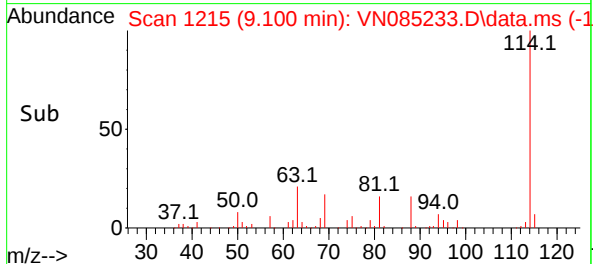
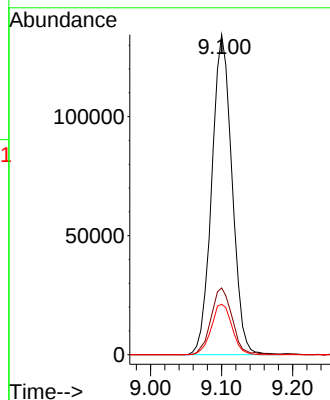
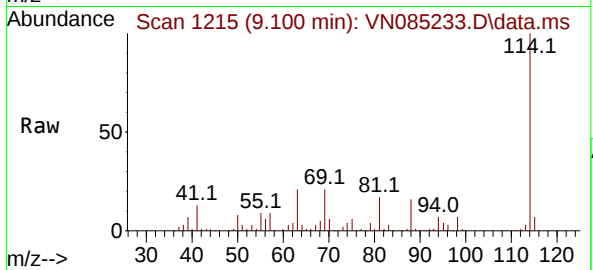




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

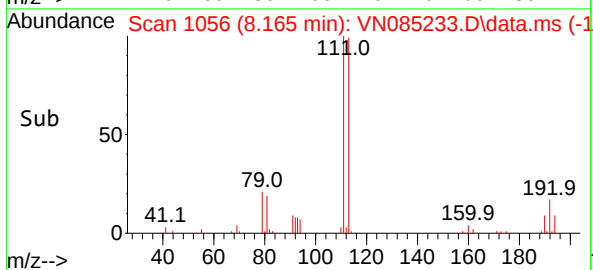
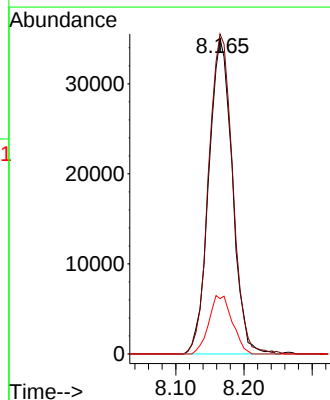
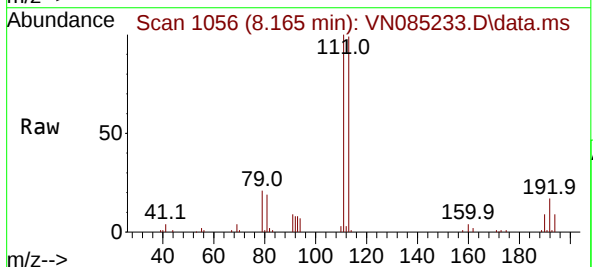
Instrument :
MSVOA_N
ClientSampleId :

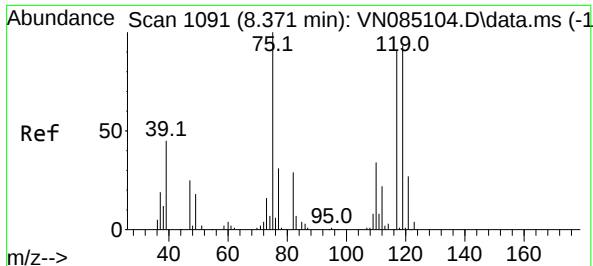
Tgt Ion:114 Resp: 265854
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 46.914 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion:113 Resp: 84108
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 18.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.502 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

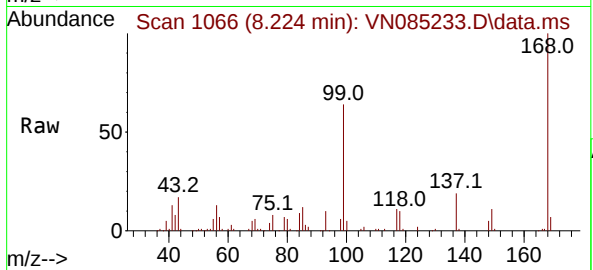
Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

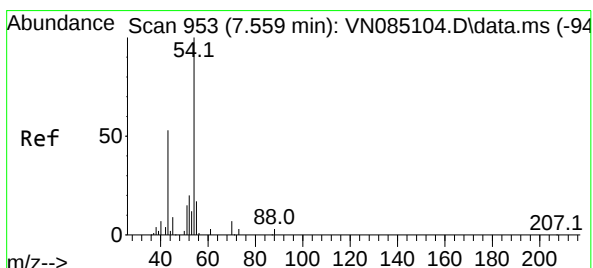
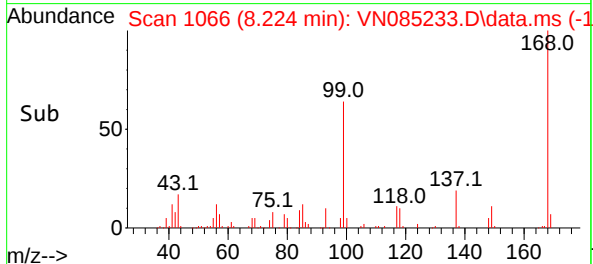
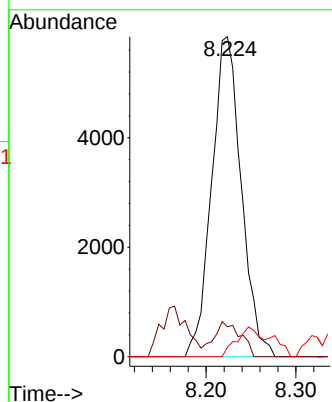
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	13360
Ion Ratio	Lower	Upper	
75	100		
110	9.8	17.2	51.6#
77	0.0	24.2	36.4#



#37

Ethyl Acetate

Concen: 2.908 ug/l

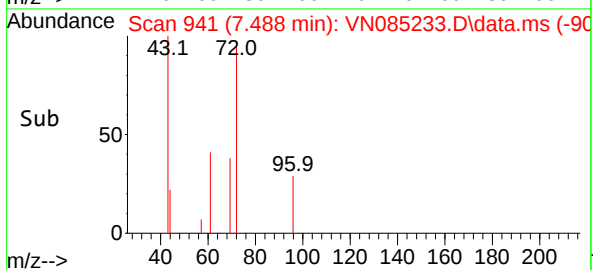
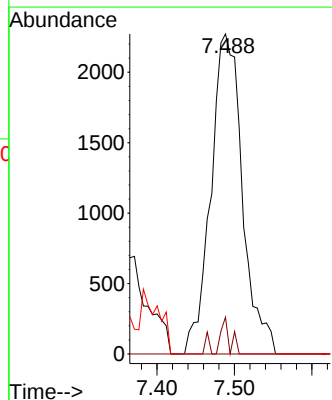
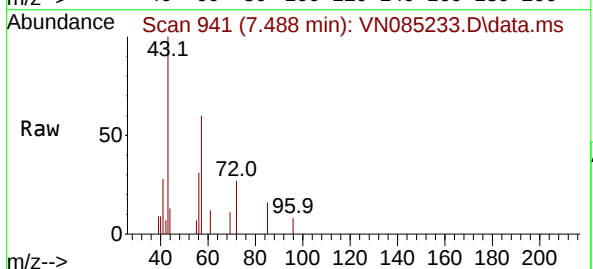
RT: 7.488 min Scan# 941

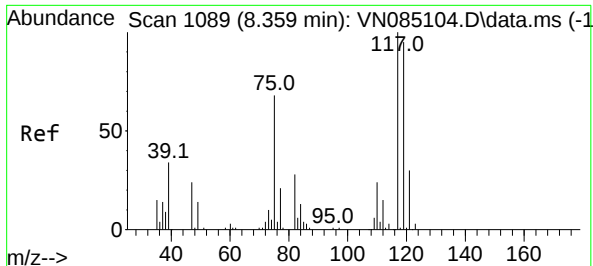
Delta R.T. -0.065 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

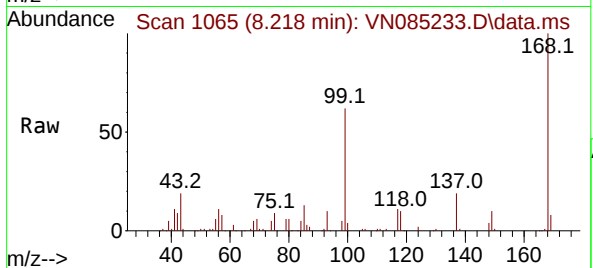
Tgt Ion:	43	Resp:	6419
Ion Ratio	Lower	Upper	
43	100		
61	3.2	11.7	17.5#
70	0.0	9.3	13.9#



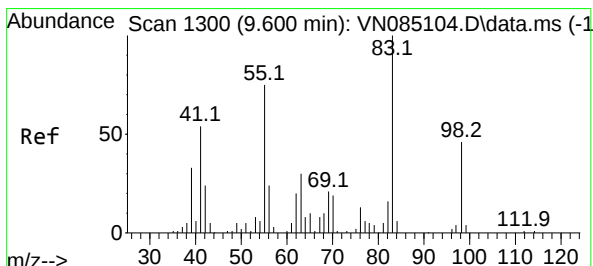
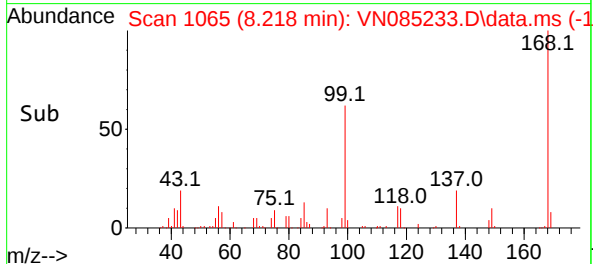
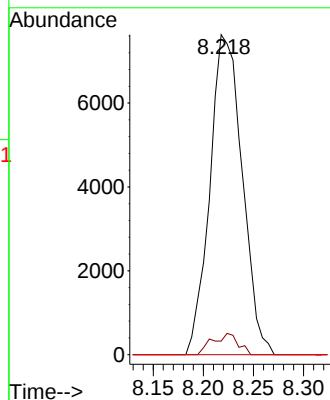


#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 8.218 min Scan# 1089
Delta R.T. -0.135 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :

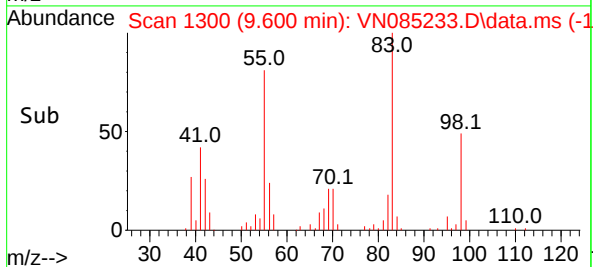
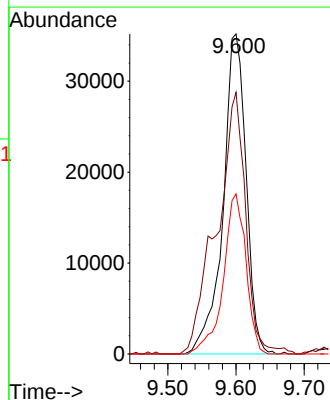
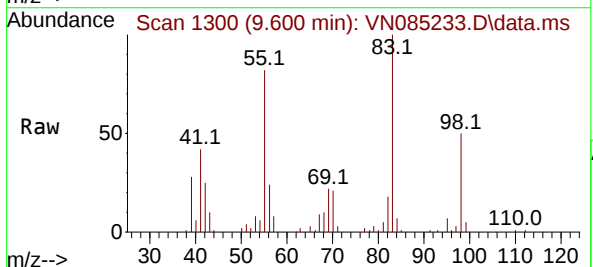


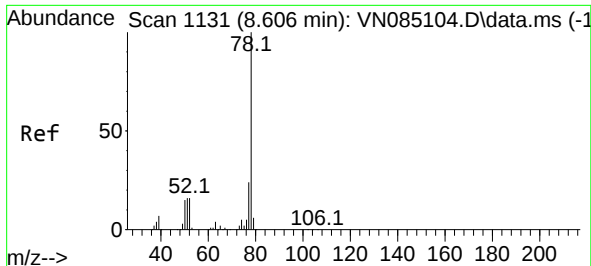
Tgt Ion:117 Resp: 17109
Ion Ratio Lower Upper
117 100
119 4.2 78.6 117.8#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 32.821 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 83 Resp: 82822
Ion Ratio Lower Upper
83 100
55 81.8 61.8 92.6
98 50.0 37.0 55.6

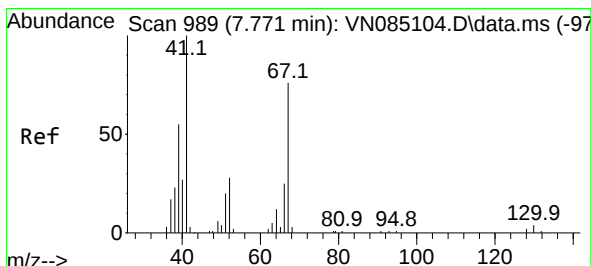
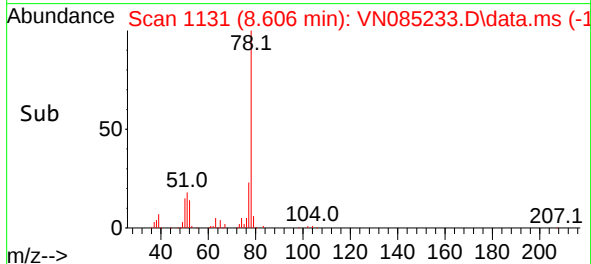
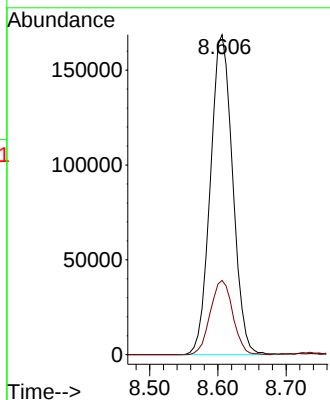
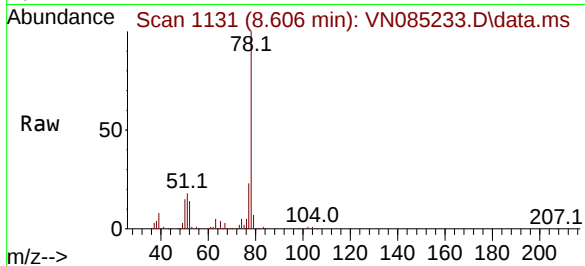




#40
Benzene
Concen: 49.923 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

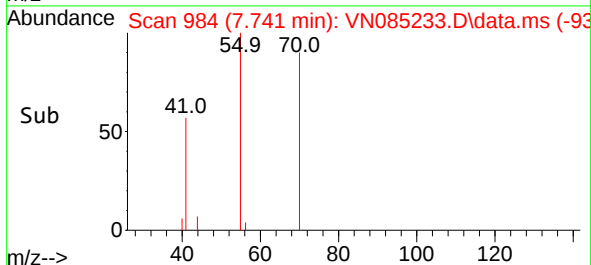
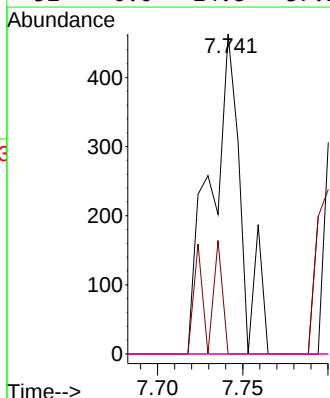
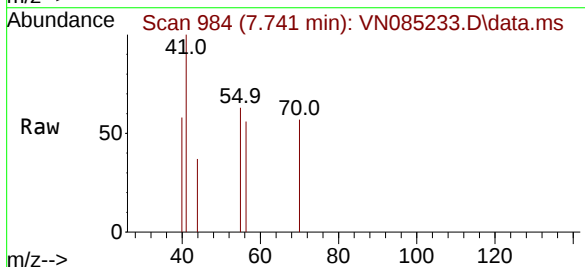
Instrument :
MSVOA_N
ClientSampleId :

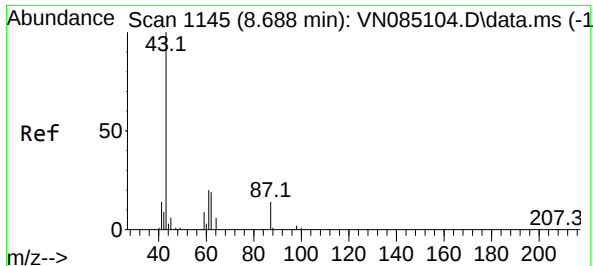
Tgt Ion: 78 Resp: 383432
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7



#41
Methacrylonitrile
Concen: 0.476 ug/l
RT: 7.741 min Scan# 984
Delta R.T. -0.030 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 41 Resp: 582
Ion Ratio Lower Upper
41 100
39 0.0 42.6 63.8#
67 0.0 59.9 89.9#
52 0.0 24.8 37.2#

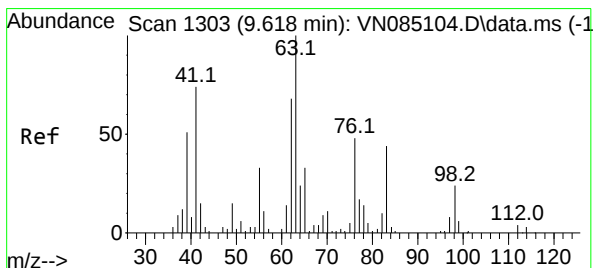
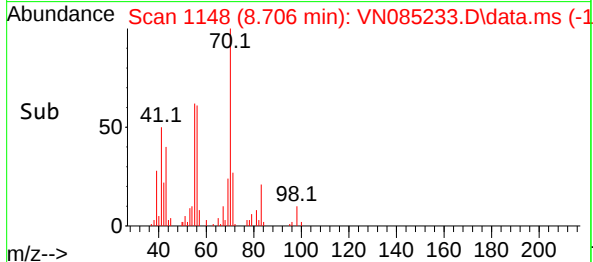
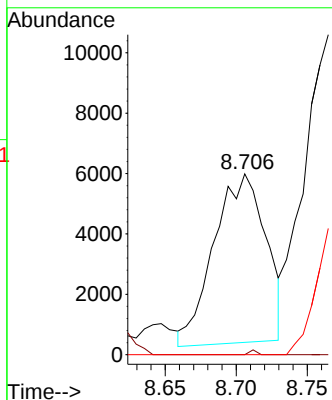
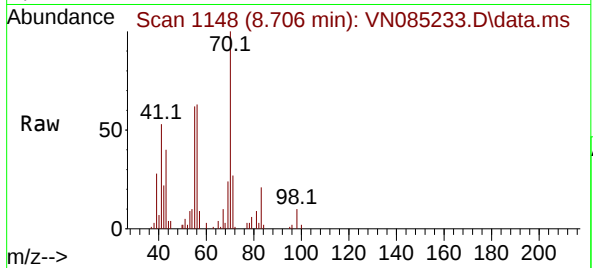




#43
Isopropyl Acetate
Concen: 3.100 ug/l
RT: 8.706 min Scan# 1145
Delta R.T. 0.023 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

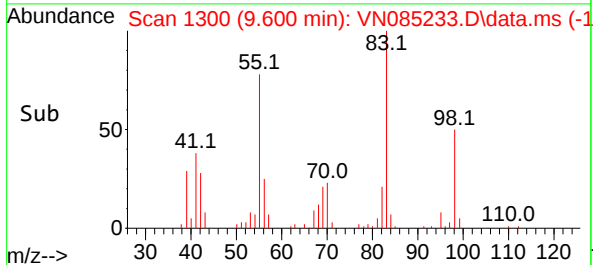
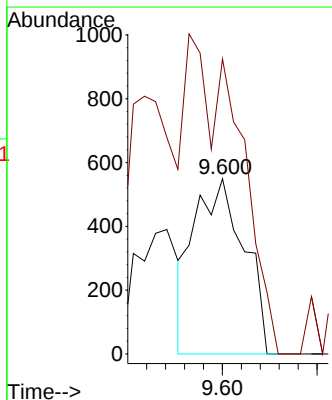
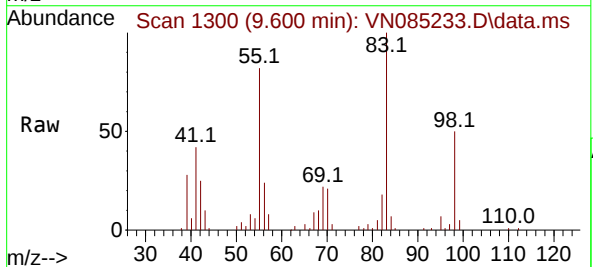
Instrument :
MSVOA_N
ClientSampleId :

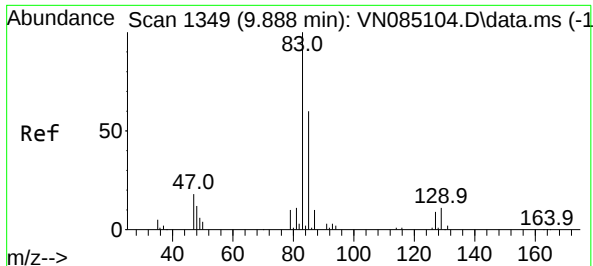
Tgt Ion: 43 Resp: 14216
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#



#45
1,2-Dichloropropane
Concen: 0.532 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.018 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 63 Resp: 1006
Ion Ratio Lower Upper
63 100
65 168.5 24.0 36.0#

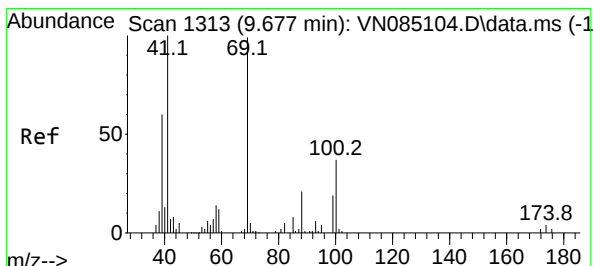
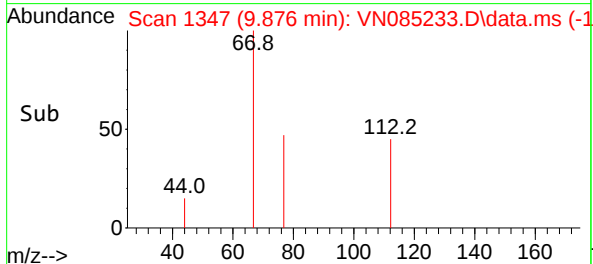
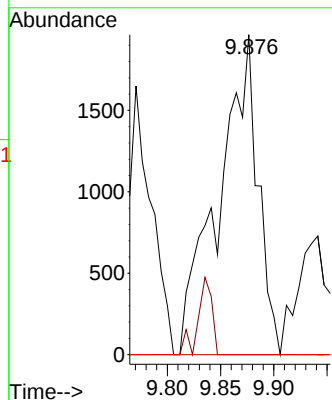
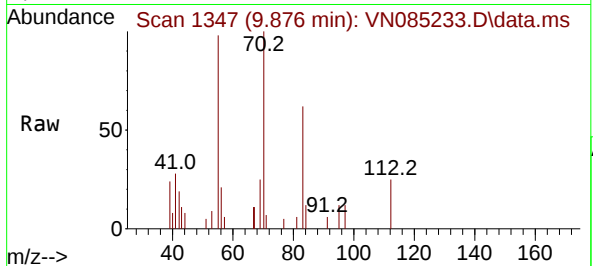




#47
Bromodichloromethane
Concen: 1.810 ug/l
RT: 9.876 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

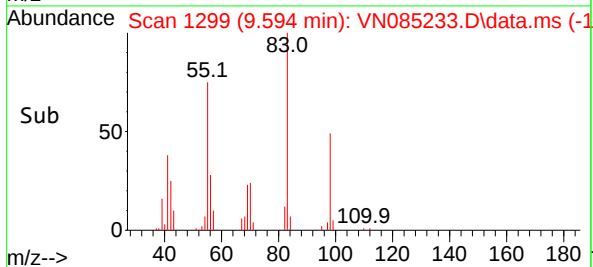
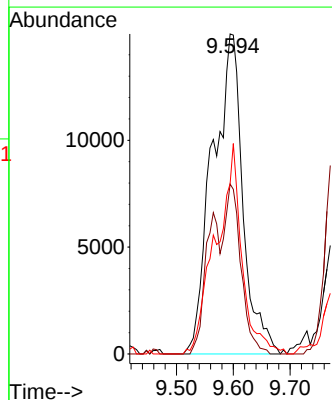
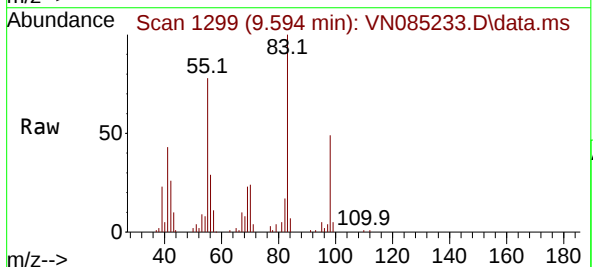
Instrument :
MSVOA_N
ClientSampleId :

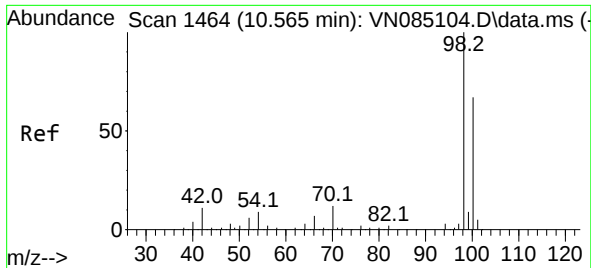
Tgt Ion: 83 Resp: 5043
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 32.595 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.083 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 41 Resp: 55621
Ion Ratio Lower Upper
41 100
69 29.6 73.2 109.8#
39 56.1 46.2 69.4

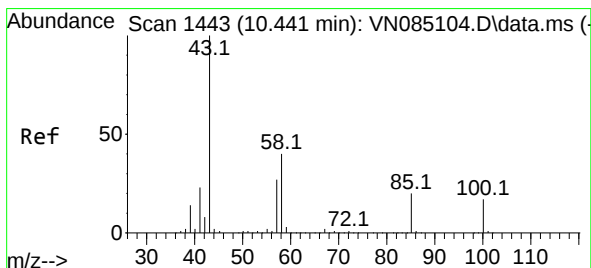
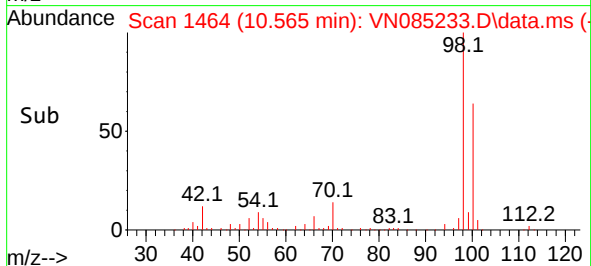
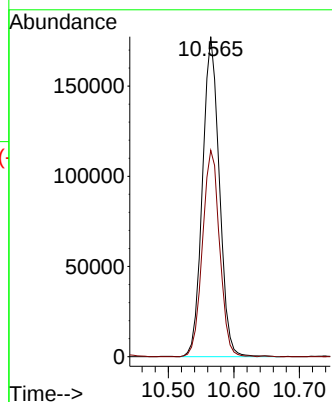
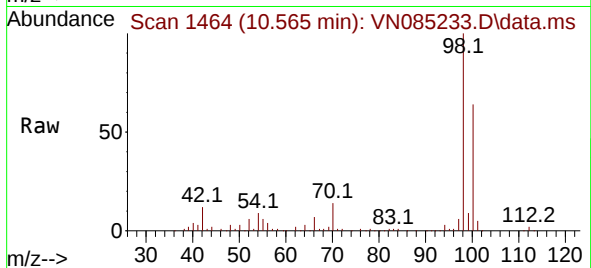




#50
Toluene-d8
Concen: 49.432 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

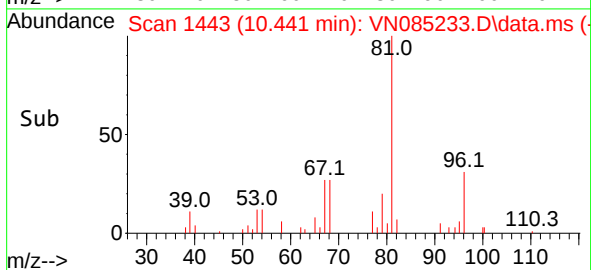
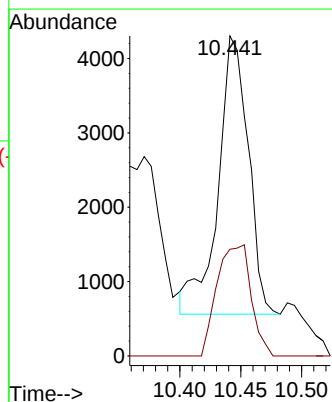
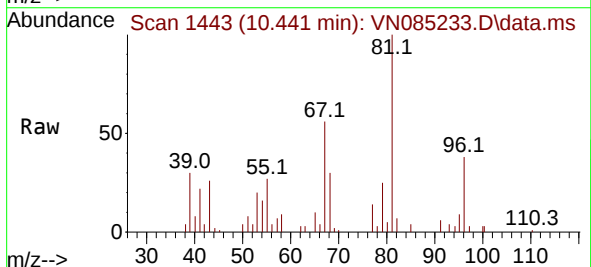
Instrument :
MSVOA_N
ClientSampleId :

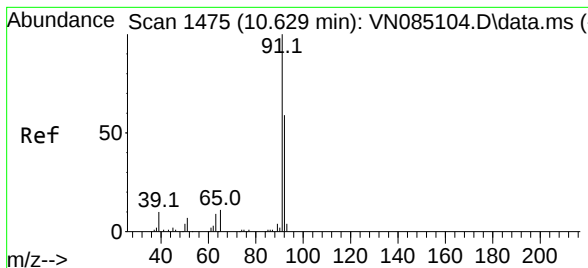
Tgt Ion: 98 Resp: 317605
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 3.088 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 43 Resp: 6468
Ion Ratio Lower Upper
43 100
58 44.8 32.1 48.1





#52

Toluene

Concen: 4.996 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Instrument :

MSVOA_N

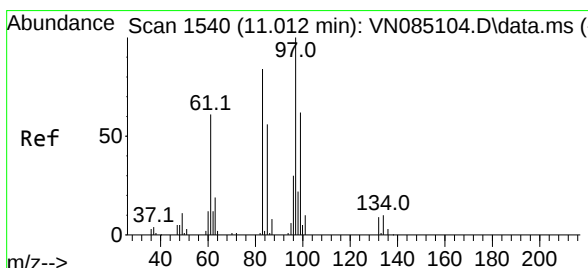
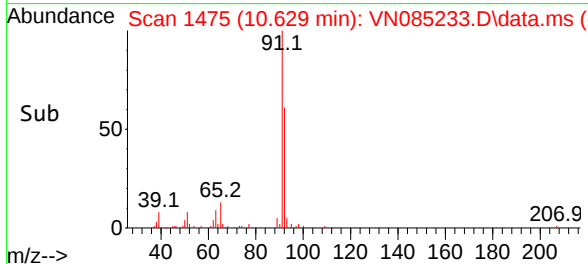
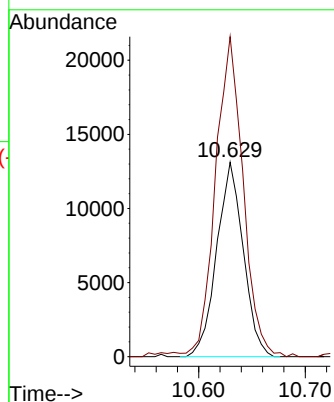
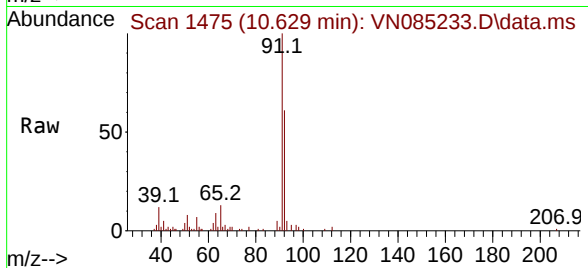
ClientSampleId :

Tgt Ion: 92 Resp: 22715

Ion Ratio Lower Upper

92 100

91 173.1 136.7 205.1



#55

1,1,2-Trichloroethane

Concen: 9.931 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.006 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Tgt Ion: 97 Resp: 16819

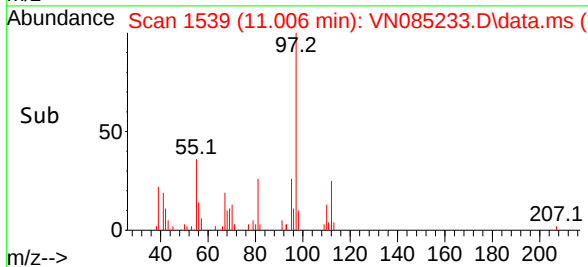
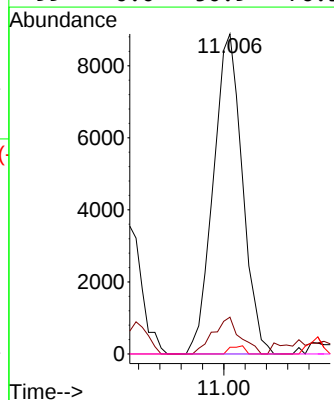
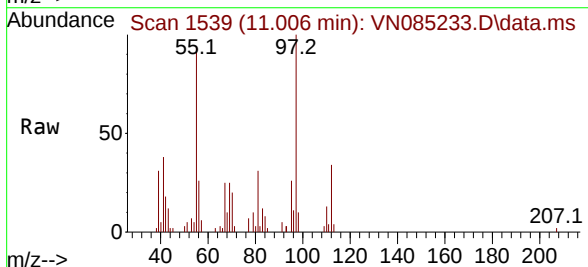
Ion Ratio Lower Upper

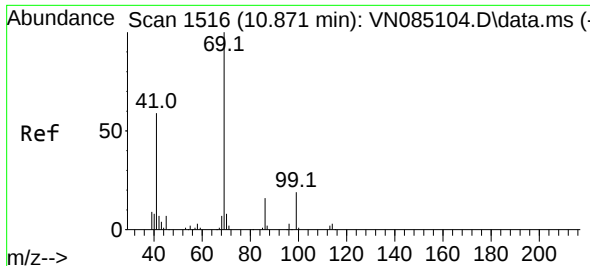
97 100

83 11.5 67.4 101.2#

85 2.1 43.1 64.7#

99 0.0 50.9 76.3#

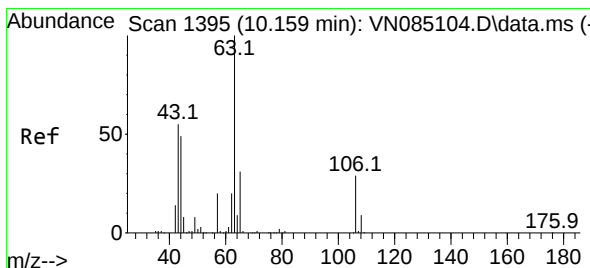
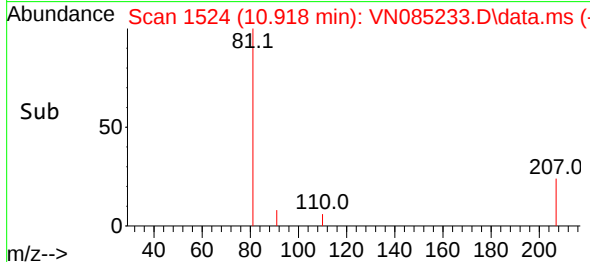
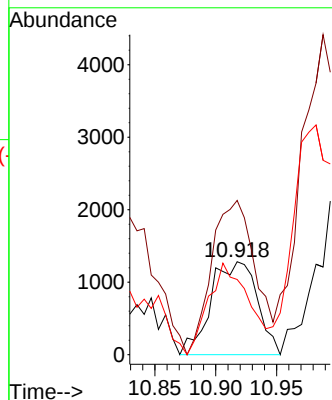
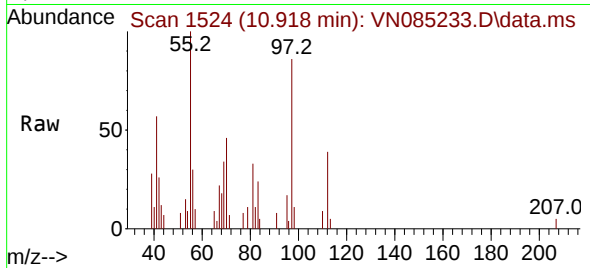




#56
Ethyl methacrylate
Concen: 1.376 ug/l
RT: 10.918 min Scan# 1516
Delta R.T. 0.047 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

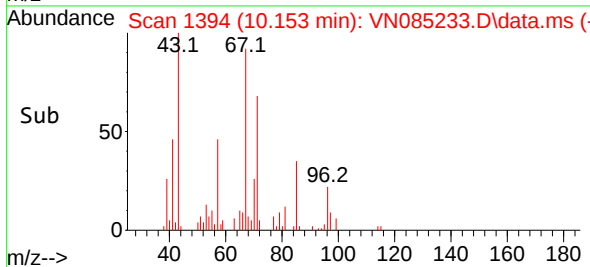
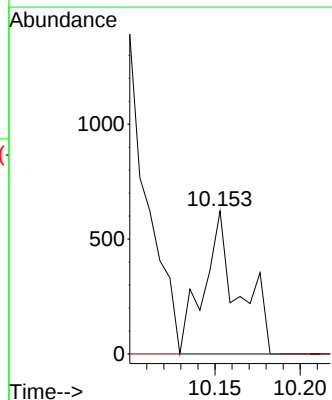
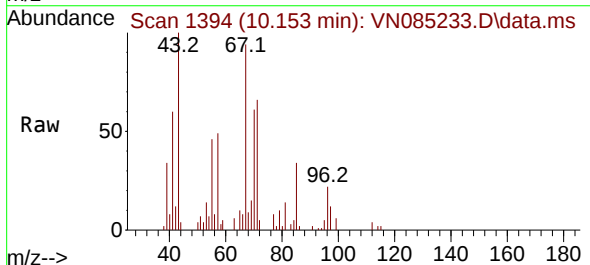
Instrument :
MSVOA_N
ClientSampleId :

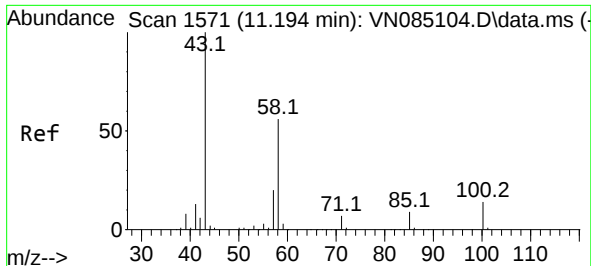
Tgt Ion: 69 Resp: 3405
Ion Ratio Lower Upper
69 100
41 155.9 50.0 75.0#
39 85.0 27.0 40.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.728 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 63 Resp: 884
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#





#59

2-Hexanone

Concen: 0.308 ug/l

RT: 11.323 min Scan# 1593

Delta R.T. 0.129 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Instrument :

MSVOA_N

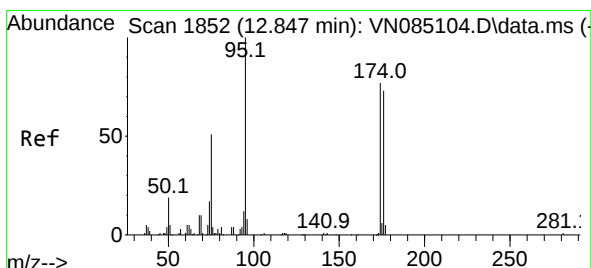
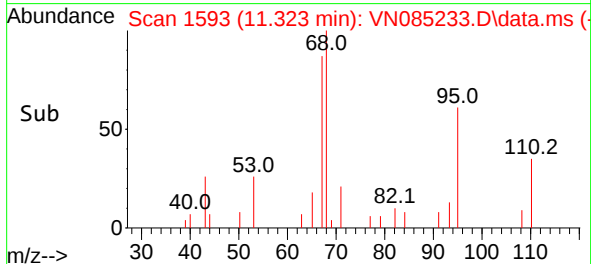
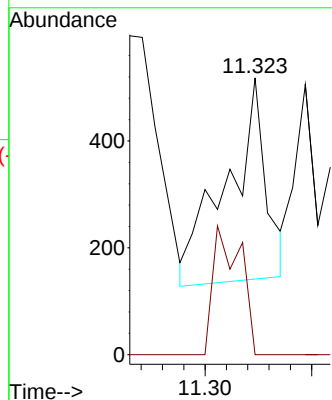
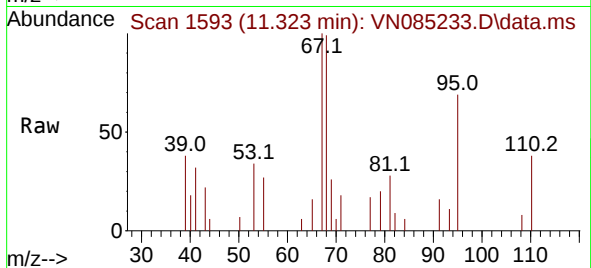
ClientSampleId :

Tgt Ion: 43 Resp: 483

Ion Ratio Lower Upper

43 100

58 44.7 28.3 85.0



#62

4-Bromofluorobenzene

Concen: 51.712 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

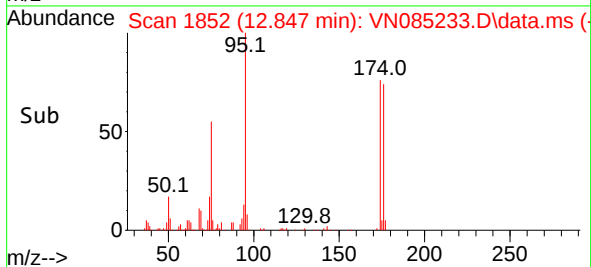
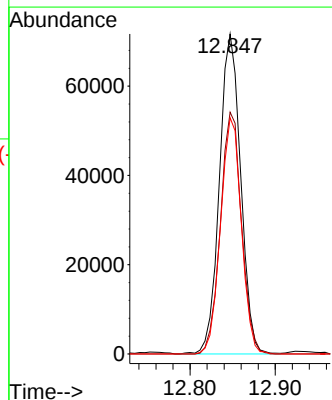
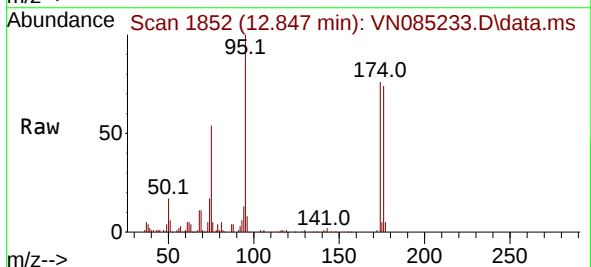
Tgt Ion: 95 Resp: 124253

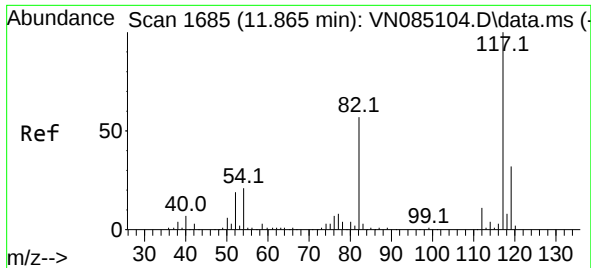
Ion Ratio Lower Upper

95 100

174 75.0 0.0 146.6

176 71.9 0.0 141.8

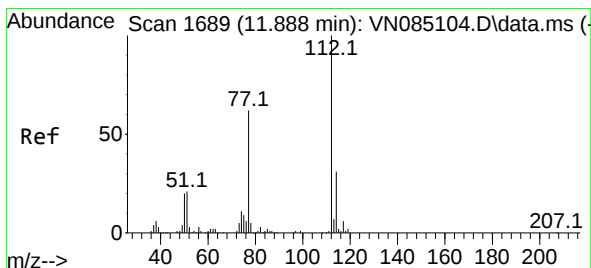
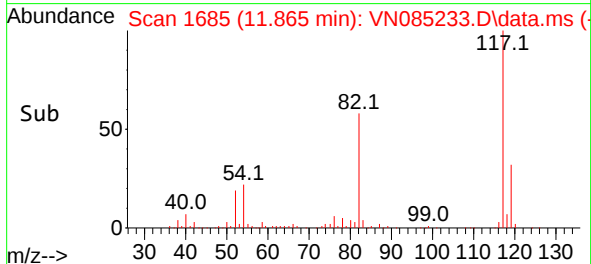
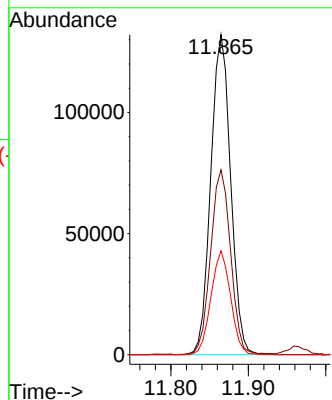
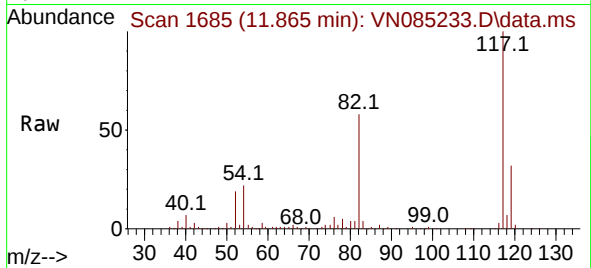




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

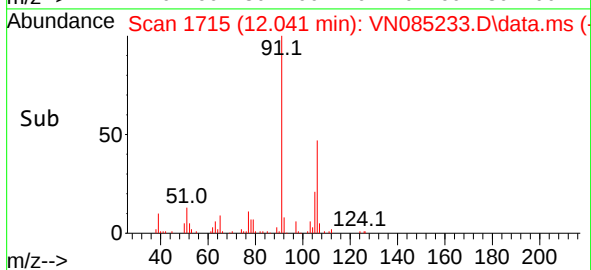
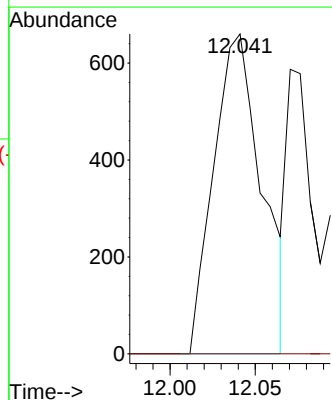
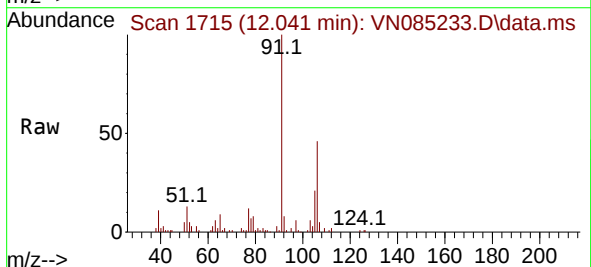
Instrument :
MSVOA_N
ClientSampleId :

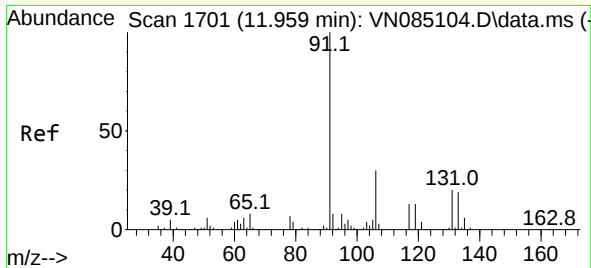
Tgt Ion:117 Resp: 235312
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 32.4 25.6 38.4



#65
Chlorobenzene
Concen: 0.242 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.153 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion:112 Resp: 1293
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

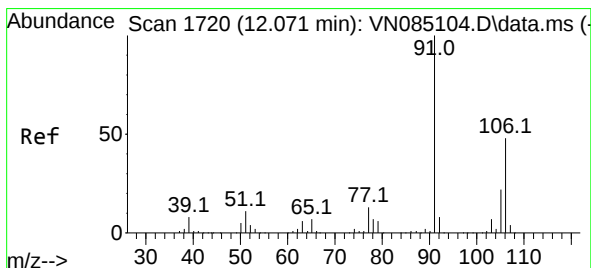
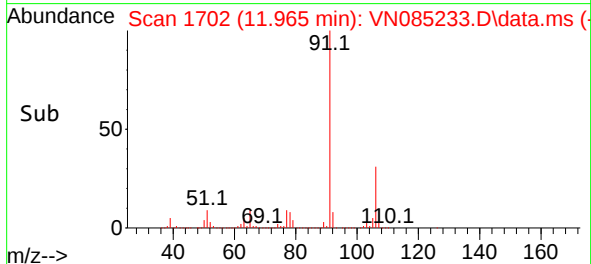
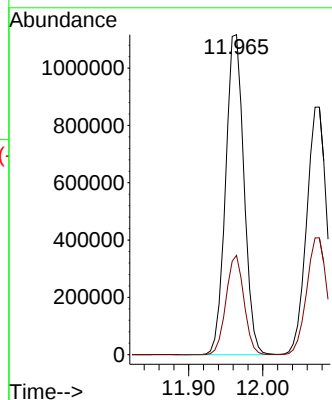
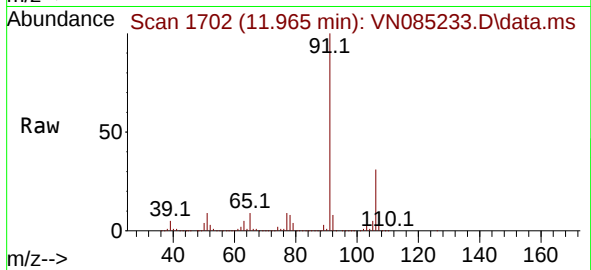




#67
Ethyl Benzene
Concen: 221.682 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

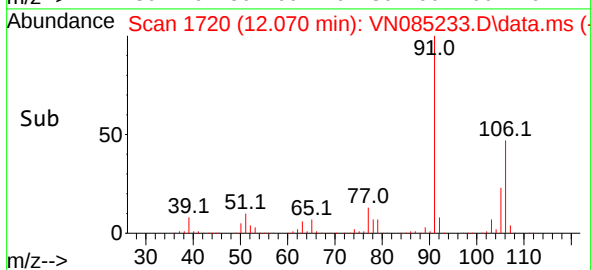
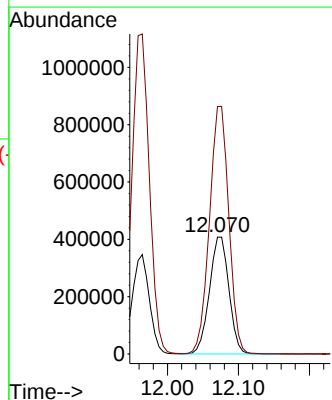
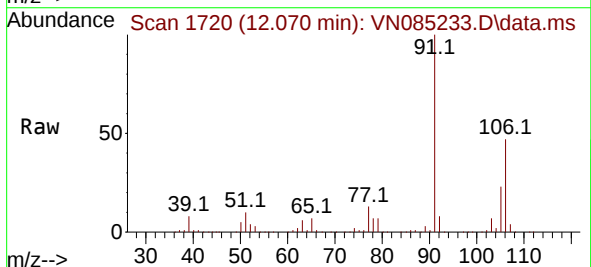
Instrument :
MSVOA_N
ClientSampleId :

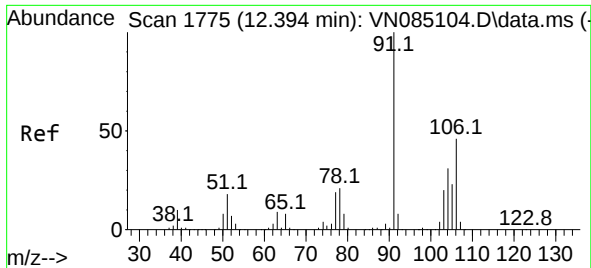
Tgt Ion: 91 Resp: 1919322
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1



#68
m/p-Xylenes
Concen: 235.637 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion:106 Resp: 776720
Ion Ratio Lower Upper
106 100
91 210.1 168.0 252.0

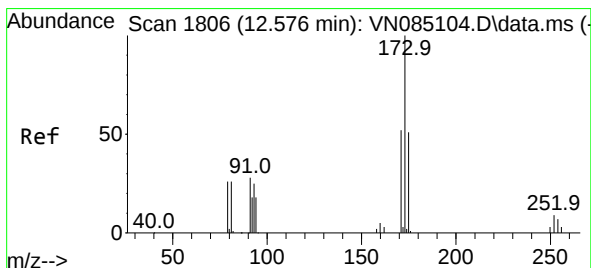
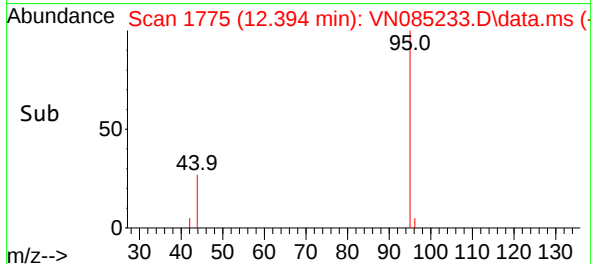
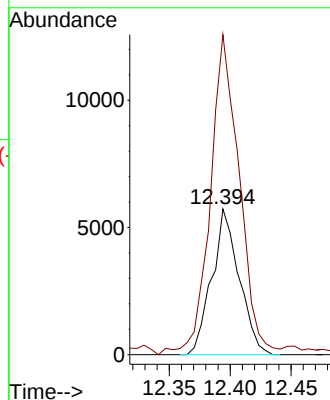
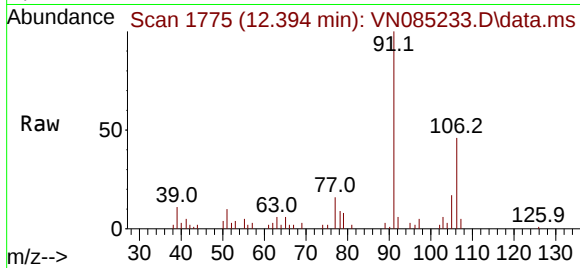




#69
o-Xylene
Concen: 2.849 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

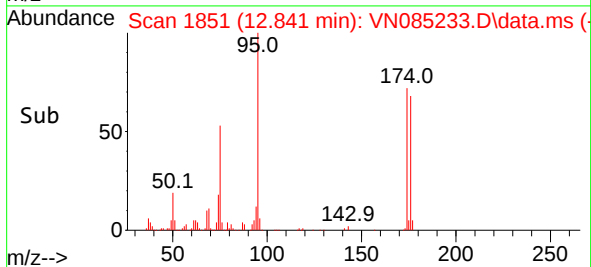
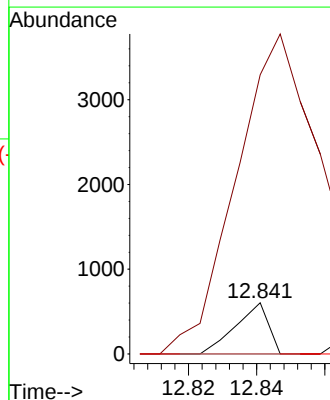
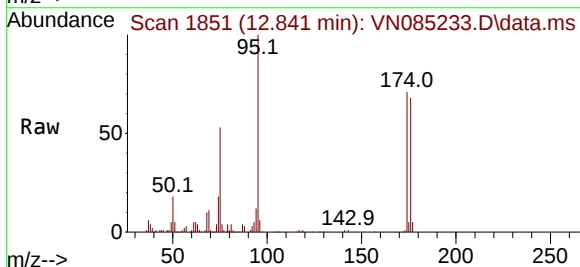
Instrument :
MSVOA_N
ClientSampleId :

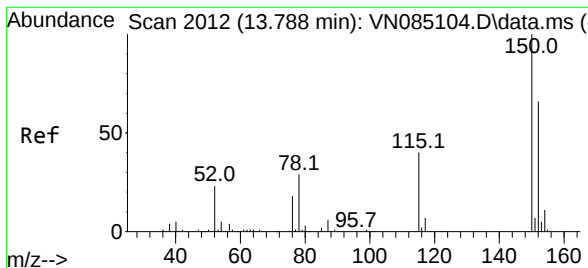
Tgt Ion:106 Resp: 8932
Ion Ratio Lower Upper
106 100
91 233.3 110.7 331.9



#71
Bromoform
Concen: 0.290 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

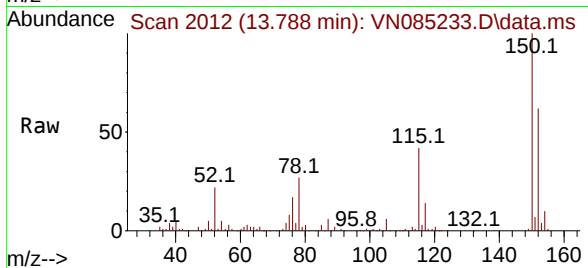
Tgt Ion:173 Resp: 404
Ion Ratio Lower Upper
173 100
175 1244.1 23.8 71.2#
254 0.0 0.0 0.0





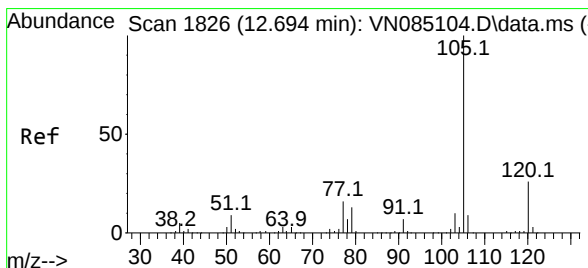
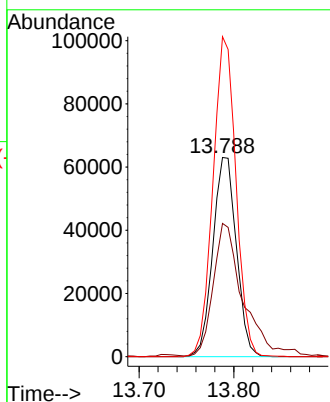
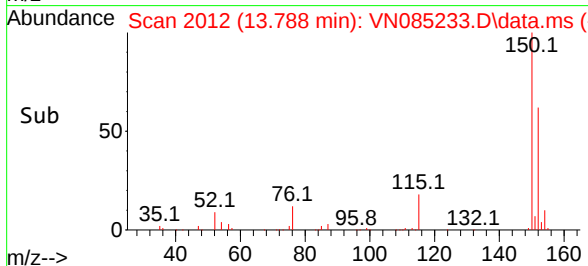
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085233.D
 Acq: 17 Dec 2024 18:46

Instrument :
 MSVOA_N
 ClientSampleId :

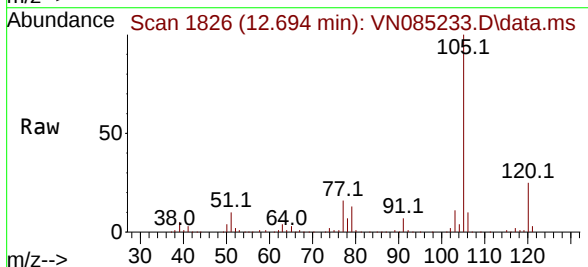


Tgt Ion:152 Resp: 108758

Ion	Ratio	Lower	Upper
152	100		
115	85.9	31.7	95.1
150	157.2	0.0	351.4

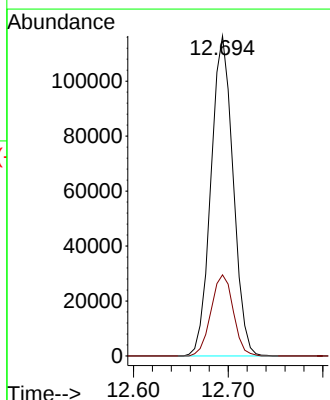
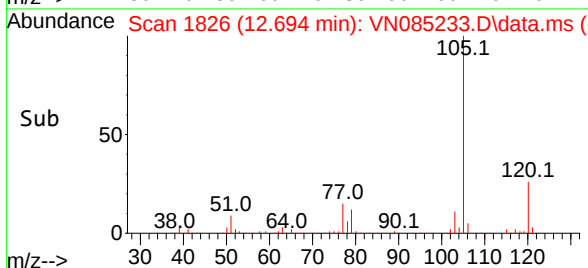


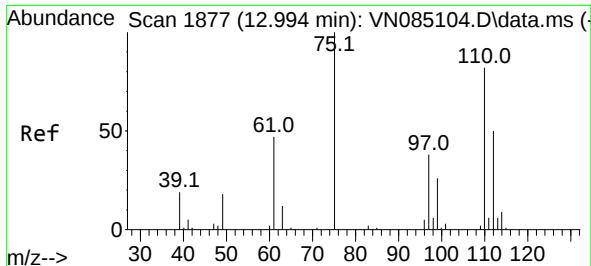
#73
 Isopropylbenzene
 Concen: 24.634 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN085233.D
 Acq: 17 Dec 2024 18:46



Tgt Ion:105 Resp: 189007

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.0	39.0

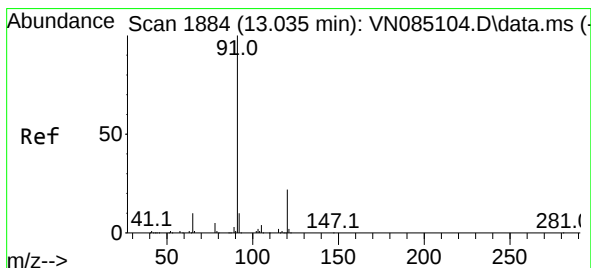
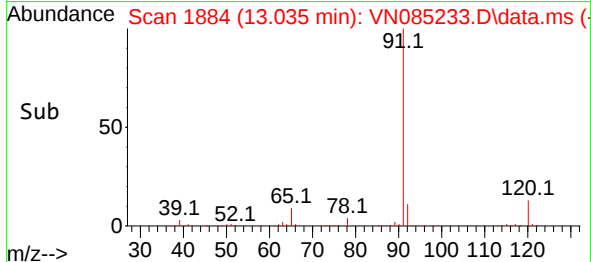
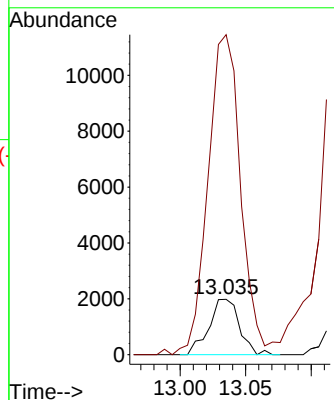
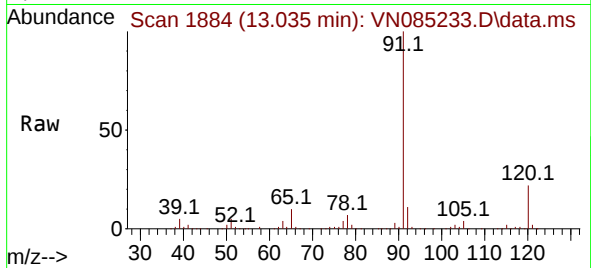




#76
1,2,3-Trichloropropane
Concen: 1.618 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

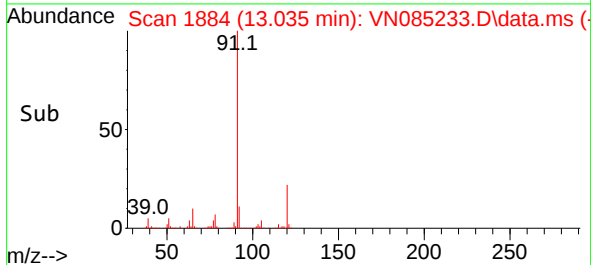
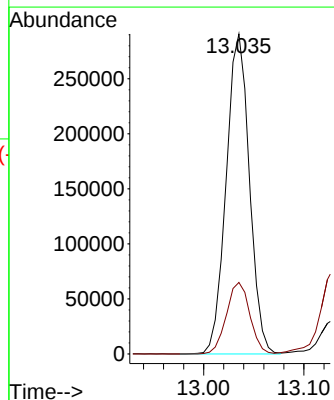
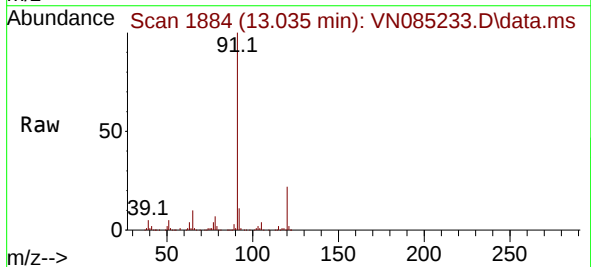
Instrument :
MSVOA_N
ClientSampleId :

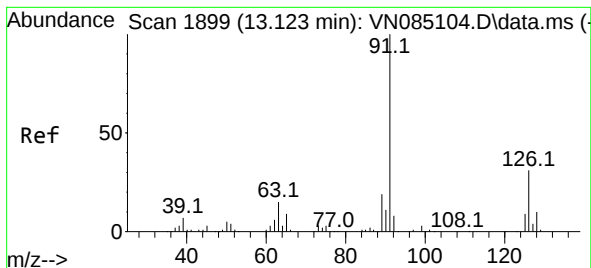
Tgt Ion: 75 Resp: 3201
Ion Ratio Lower Upper
75 100
77 626.2 109.1 327.4#



#78
n-propylbenzene
Concen: 52.885 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 91 Resp: 468009
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 9.397 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Instrument :

MSVOA_N

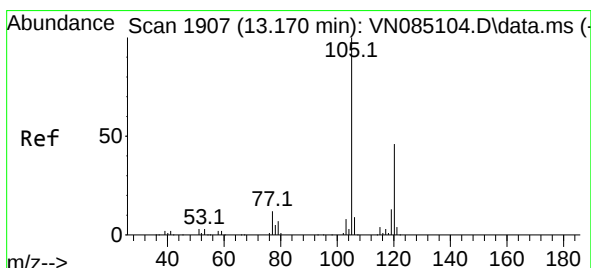
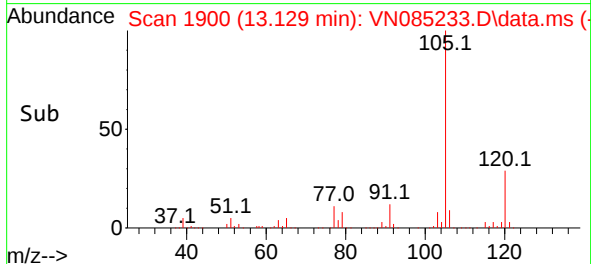
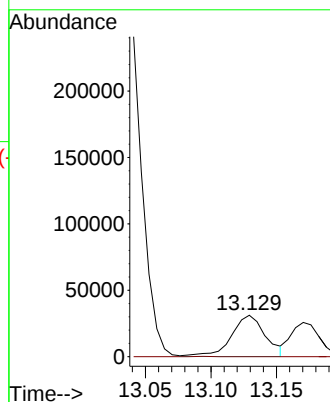
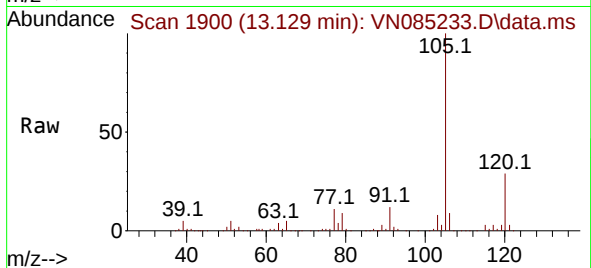
ClientSampleId :

Tgt Ion: 91 Resp: 55511

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#



#80

1,3,5-Trimethylbenzene

Concen: 55.372 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085233.D

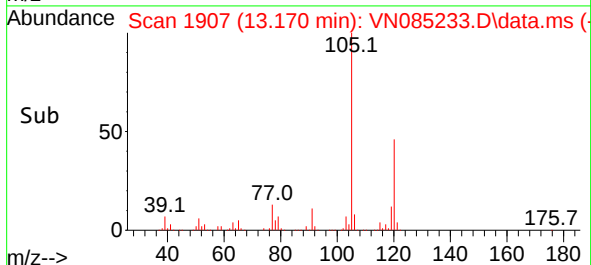
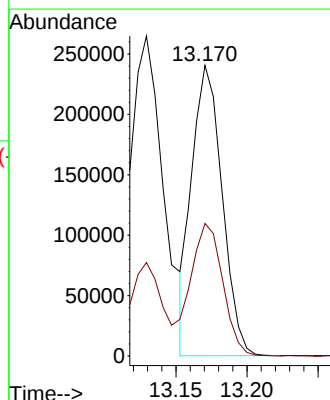
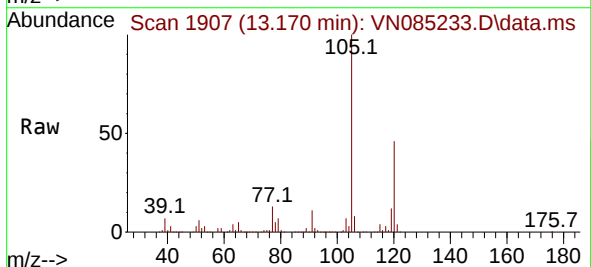
Acq: 17 Dec 2024 18:46

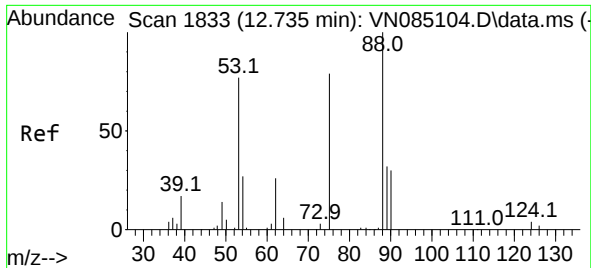
Tgt Ion:105 Resp: 356497

Ion Ratio Lower Upper

105 100

120 49.2 23.6 71.0

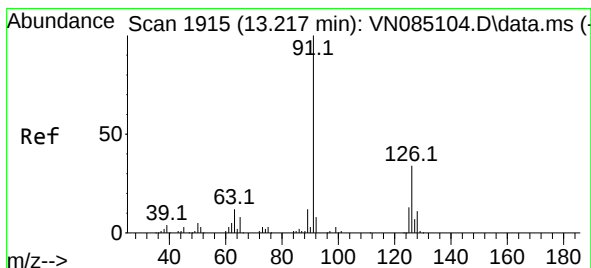
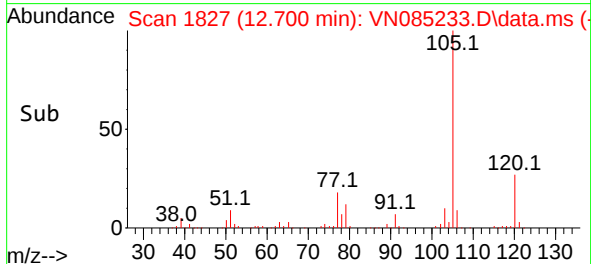
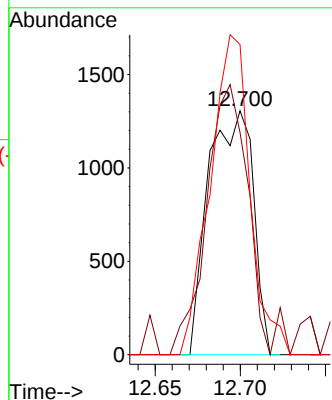
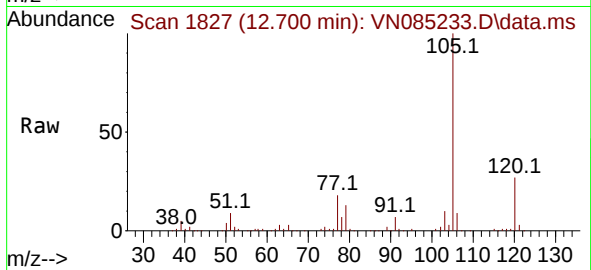




#81
trans-1,4-Dichloro-2-butene
Concen: 2.665 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

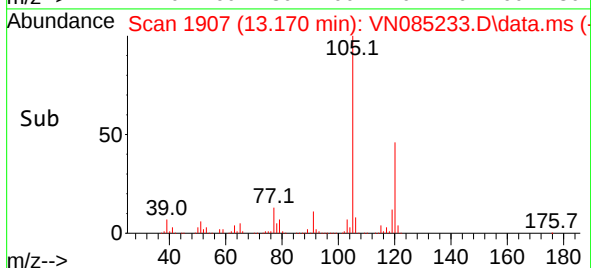
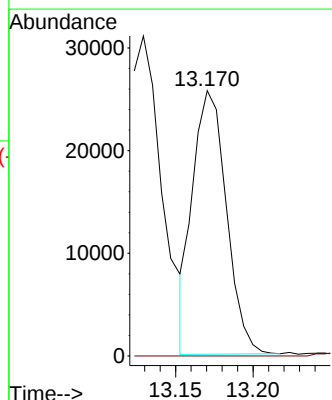
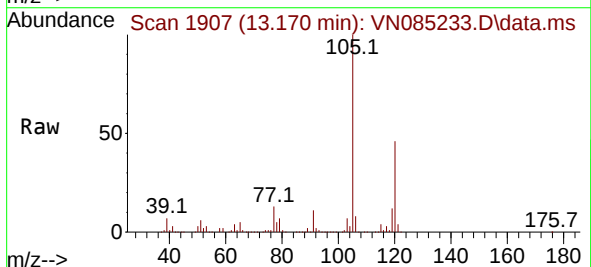
Instrument :
MSVOA_N
ClientSampleId :

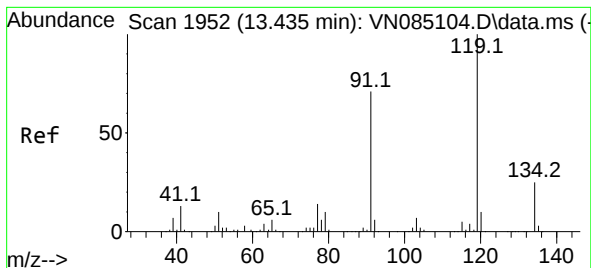
Tgt Ion: 75 Resp: 2388
Ion Ratio Lower Upper
75 100
53 100.8 78.2 117.4
89 117.1 37.9 56.9#



#82
4-Chlorotoluene
Concen: 6.303 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 91 Resp: 38759
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#





#83

tert-Butylbenzene

Concen: 27.595 ug/l

RT: 13.482 min Scan# 1952

Delta R.T. 0.047 min

Lab File: VN085233.D

Acq: 17 Dec 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

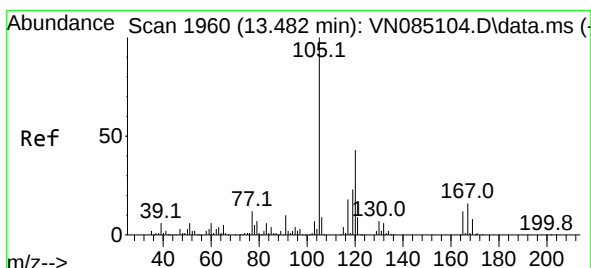
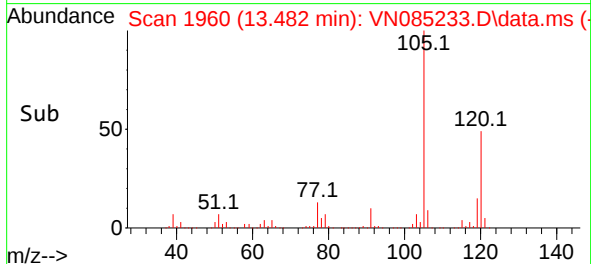
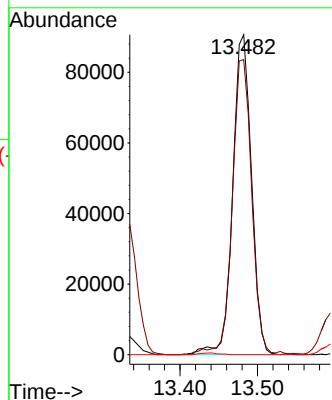
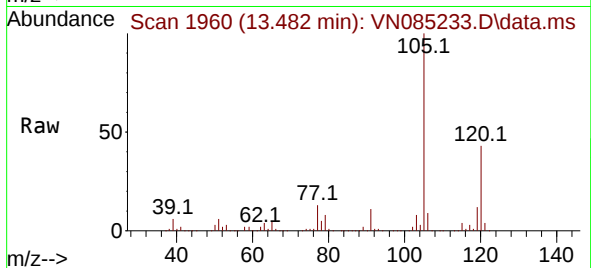
Tgt Ion:119 Resp: 152862

Ion Ratio Lower Upper

119 100

91 95.2 35.1 105.5

134 0.0 12.1 36.3#



#84

1,2,4-Trimethylbenzene

Concen: 191.834 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085233.D

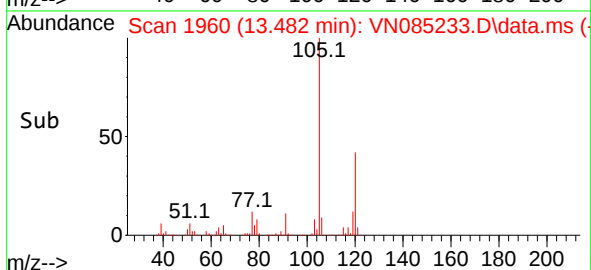
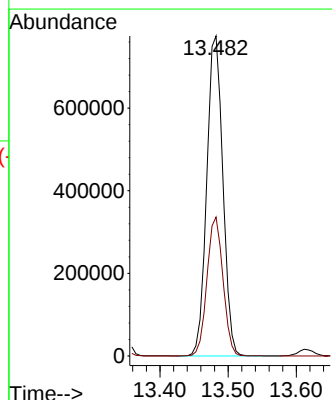
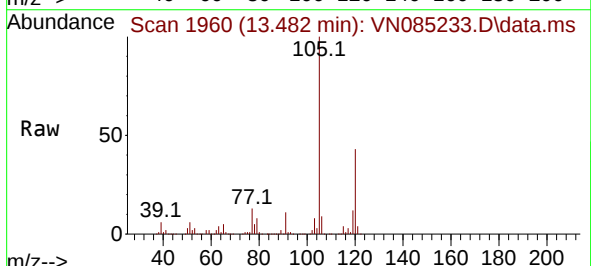
Acq: 17 Dec 2024 18:46

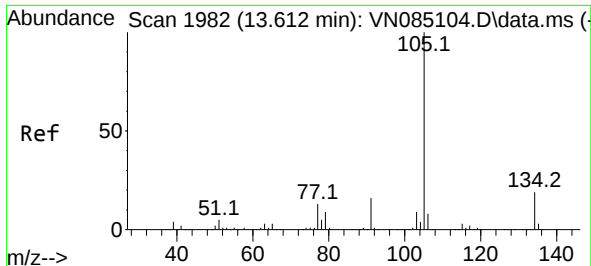
Tgt Ion:105 Resp: 1271323

Ion Ratio Lower Upper

105 100

120 43.2 21.8 65.4

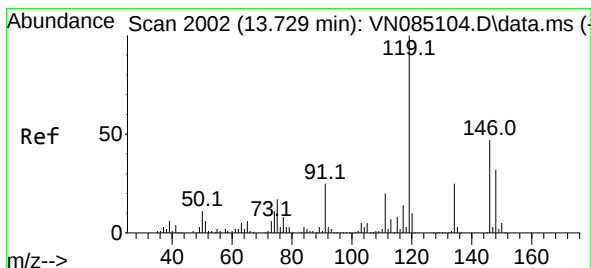
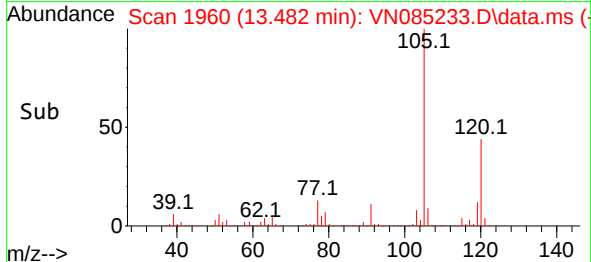
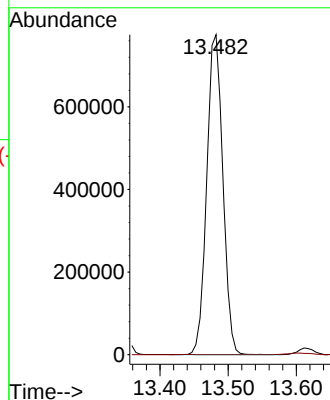
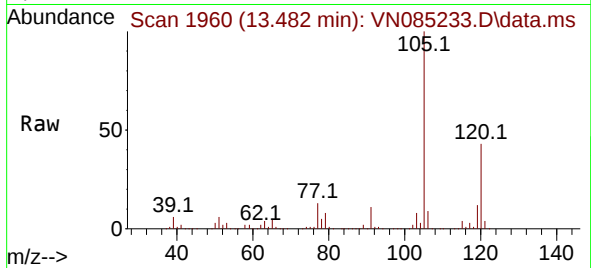




#85
 sec-Butylbenzene
 Concen: 169.892 ug/l
 RT: 13.482 min Scan# 1982
 Delta R.T. -0.130 min
 Lab File: VN085233.D
 Acq: 17 Dec 2024 18:46

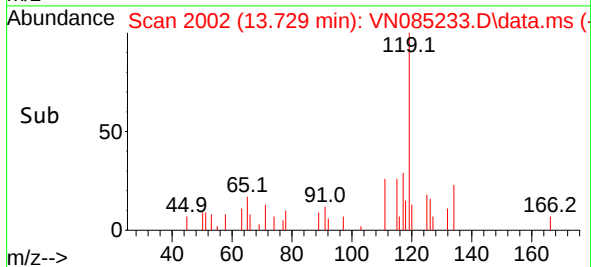
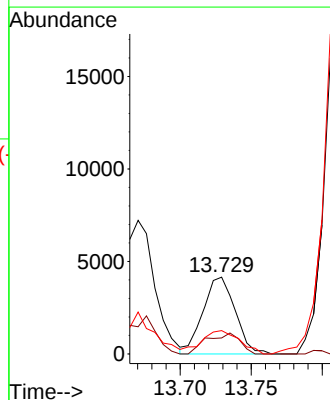
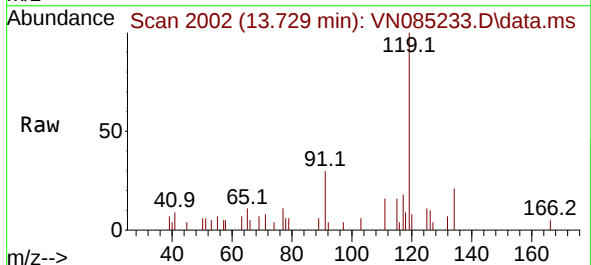
Instrument :
 MSVOA_N
 ClientSampleId :

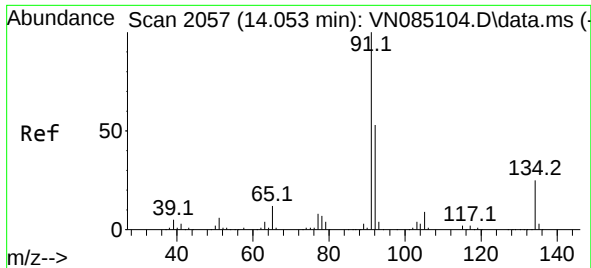
Tgt Ion:105 Resp: 1271323
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 1.058 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085233.D
 Acq: 17 Dec 2024 18:46

Tgt Ion:119 Resp: 6534
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.0 39.0
 91 0.0 12.8 38.4#

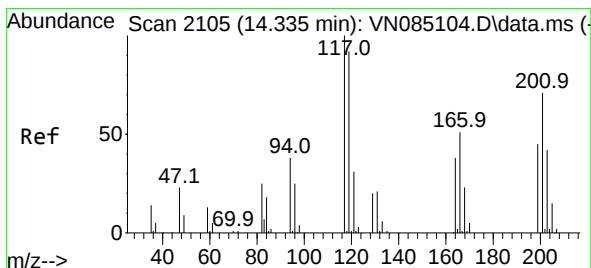
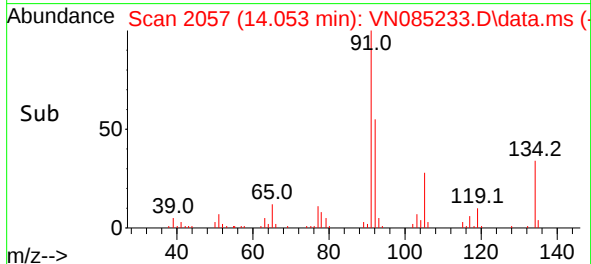
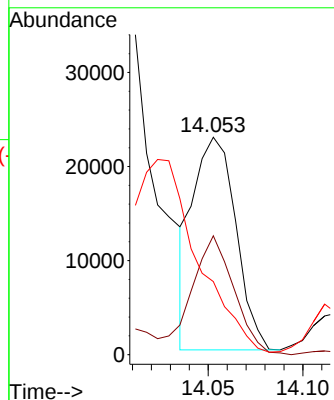
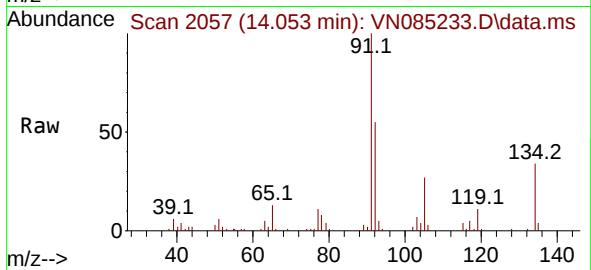




#89
n-Butylbenzene
Concen: 6.163 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

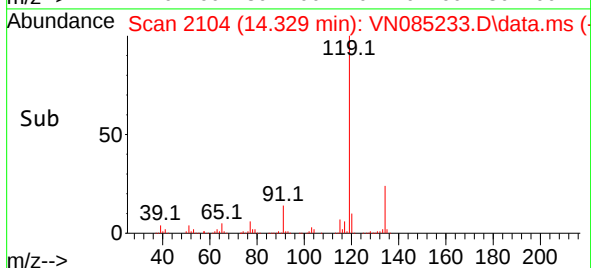
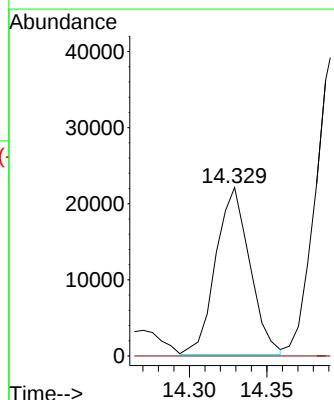
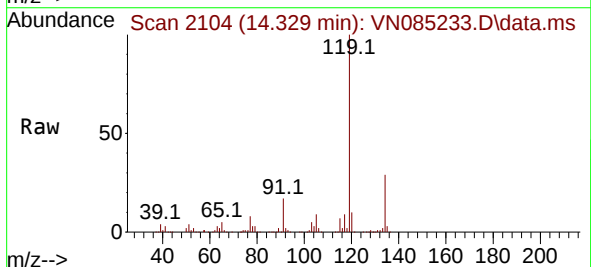
Instrument :
MSVOA_N
ClientSampleId :

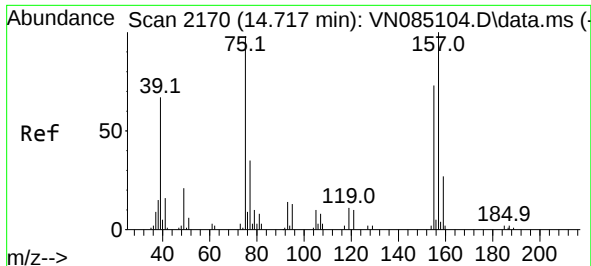
Tgt Ion: 91 Resp: 35403
Ion Ratio Lower Upper
91 100
92 56.0 26.8 80.3
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 24.835 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion: 117 Resp: 33440
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#

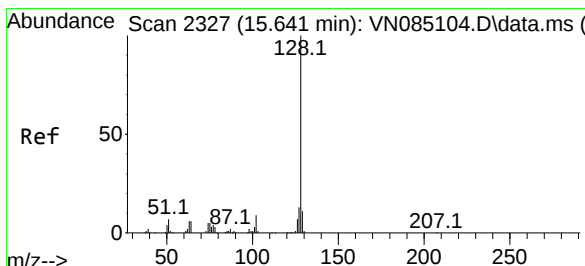
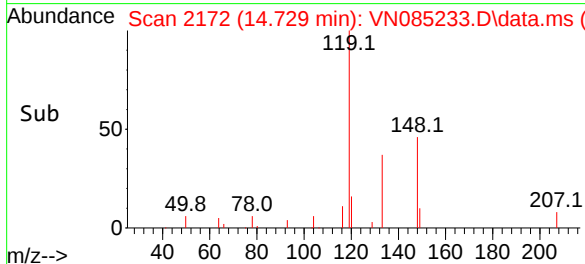
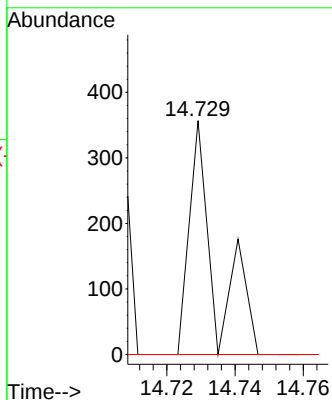
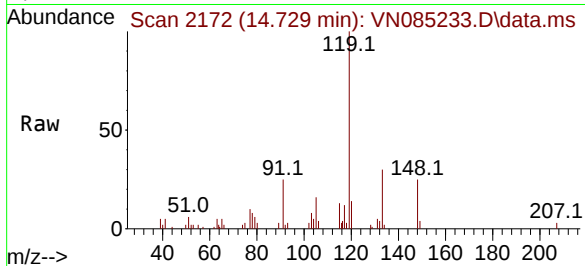




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.371 ug/l
RT: 14.729 min Scan# 2170
Delta R.T. 0.012 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
155 0.0 38.9 116.7#
157 0.0 48.3 144.9#



#95
Naphthalene
Concen: 137.329 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085233.D
Acq: 17 Dec 2024 18:46

Tgt Ion:128 Resp: 829236
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.6 8.6 12.8

