

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086320.D
 Acq On : 17 Apr 2025 14:29
 Operator : JC\MD
 Sample : Q1818-02
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 01:31:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	200183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	381492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	342298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	140832	48.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.040%		
35) Dibromofluoromethane	8.159	113	79433	44.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.720%		
50) Toluene-d8	10.565	98	488437	51.617	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.240%		
62) 4-Bromofluorobenzene	12.847	95	170209	49.315	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.640%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	9809	2.844	ug/l	100
10) Methyl Iodide	4.565	142	3109	1.282	ug/l #	82
13) Acrolein	4.171	56	503	Below Cal	#	13
16) Acetone	4.447	43	7977	2.294	ug/l	91
17) Carbon Disulfide	4.683	76	1662	0.236	ug/l #	74
18) Methyl Acetate	5.030	43	6467	1.856	ug/l #	71
25) 2-Butanone	7.494	43	1600	0.886	ug/l	100
29) Tetrahydrofuran	7.847	42	693	0.574	ug/l #	56
31) Cyclohexane	8.212	56	13143	2.794	ug/l #	69
36) 1,1-Dichloropropene	8.218	75	17425	4.927	ug/l #	50
38) Carbon Tetrachloride	8.218	117	20303	6.029	ug/l #	16
39) Methylcyclohexane	9.594	83	7896	1.878	ug/l #	90
43) Isopropyl Acetate	8.659	43	4756	Below Cal	#	55
52) Toluene	10.629	92	1254390	177.427	ug/l	100
53) t-1,3-Dichloropropene	10.624	75	14146	3.320	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	1458	0.573	ug/l #	35
59) 2-Hexanone	11.171	43	1389	0.491	ug/l #	23
64) Tetrachloroethene	11.100	164	1224	0.465	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	568	0.225	ug/l #	24
67) Ethyl Benzene	11.965	91	12831600	930.863	ug/l	94
68) m/p-Xylenes	12.065	106	19208643	3718.958	ug/l #	1
69) o-Xylene	12.394	106	5538794	1084.350	ug/l	94
70) Styrene	12.394	104	266729	31.340	ug/l #	1
73) Isopropylbenzene	12.694	105	103796	8.342	ug/l	99
74) N-amyl acetate	12.476	43	2409	0.389	ug/l #	79
76) 1,2,3-Trichloropropane	12.847	75	83652	23.304	ug/l #	1
78) n-propylbenzene	13.035	91	83250	5.678	ug/l	99
79) 2-Chlorotoluene	13.094	91	11168	1.217	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	16152	1.586	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	83652	55.968	ug/l #	10
82) 4-Chlorotoluene	13.335	91	2927	0.321	ug/l #	42
83) tert-Butylbenzene	13.670	119	2637	0.299	ug/l	73
84) 1,2,4-Trimethylbenzene	13.482	105	33488	3.230	ug/l	97
85) sec-Butylbenzene	13.612	105	5542	0.453	ug/l	95
86) p-Isopropyltoluene	13.729	119	2030	0.201	ug/l #	73
89) n-Butylbenzene	14.053	91	4292	0.480	ug/l #	75

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

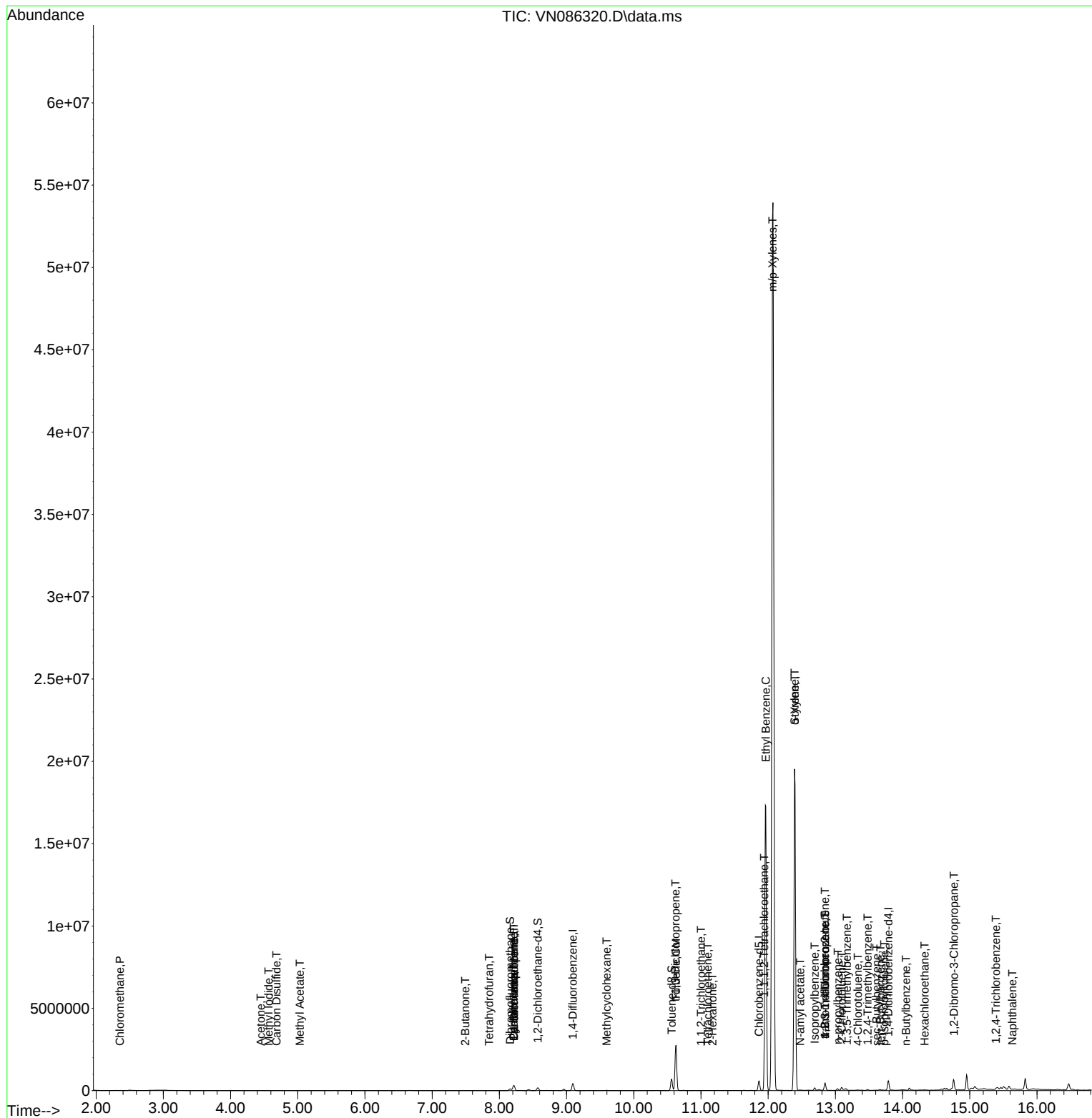
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.329	117	826	0.487	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.764	75	1040	1.442	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.388	180	590	0.245	ug/l #	23
95) Naphthalene	15.635	128	20252	2.374	ug/l #	86

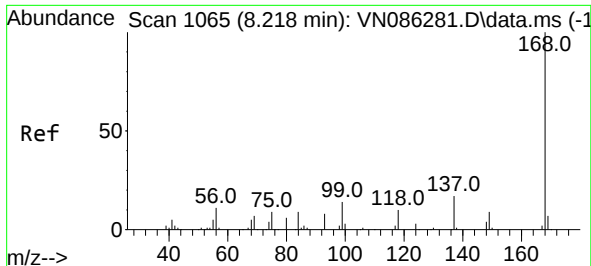
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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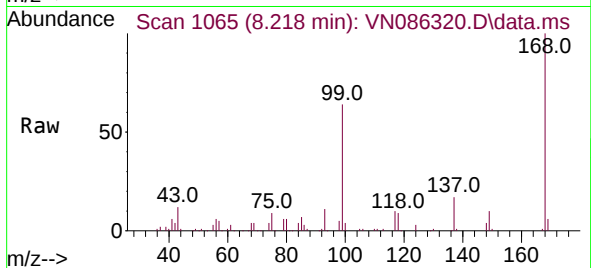
Quant Time: Apr 18 01:31:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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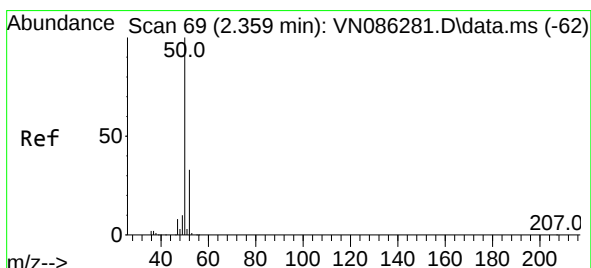
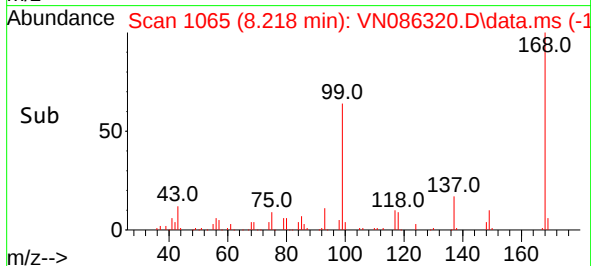
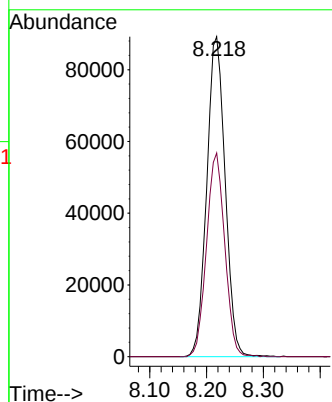


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :

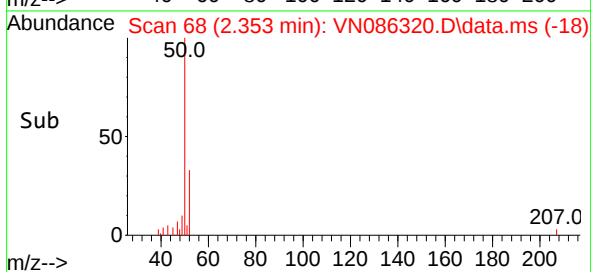
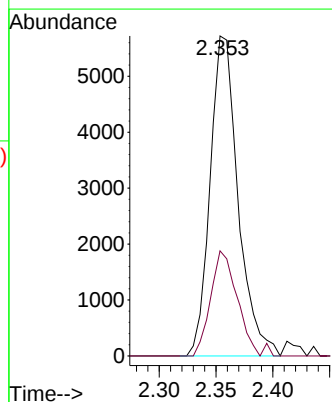
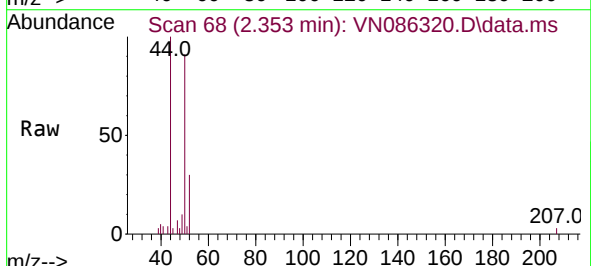


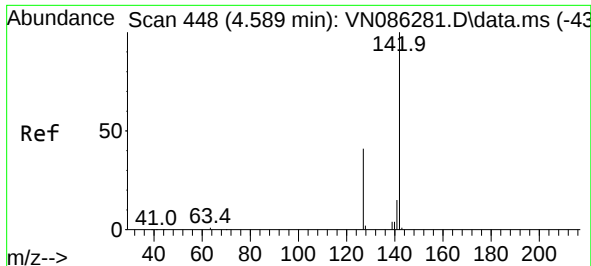
Tgt Ion:168 Resp: 200183
Ion Ratio Lower Upper
168 100
99 63.7 52.5 78.7



#3
Chloromethane
Concen: 2.844 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

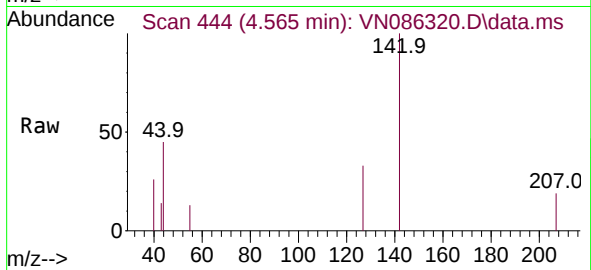
Tgt Ion: 50 Resp: 9809
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



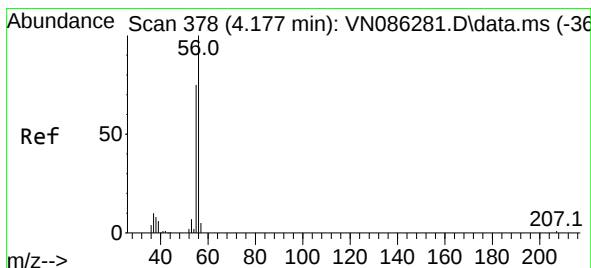
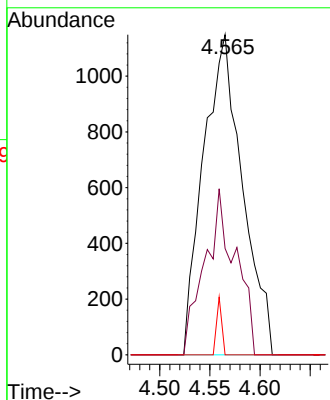
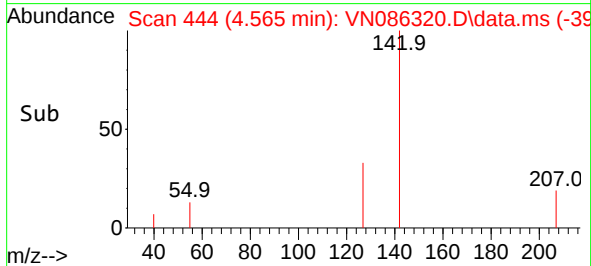


#10
Methyl Iodide
Concen: 1.282 ug/l
RT: 4.565 min Scan# 448
Delta R.T. -0.024 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :

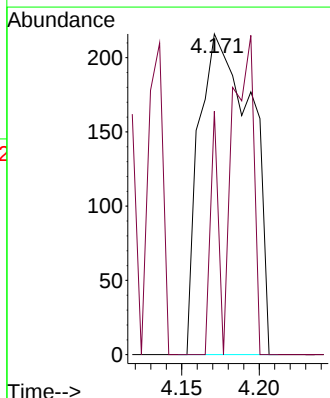
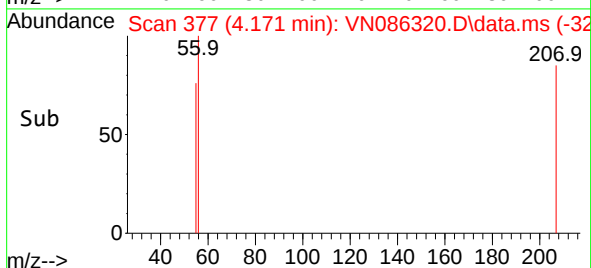
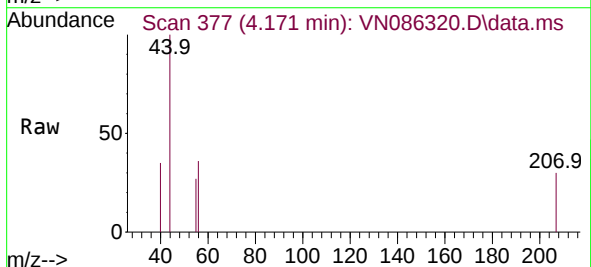


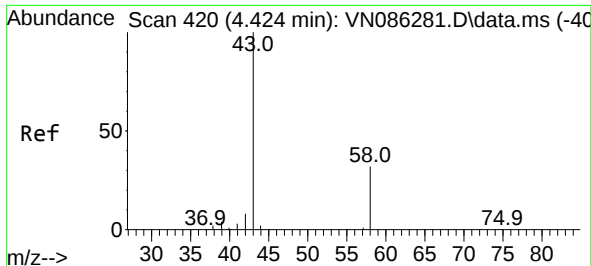
Tgt Ion:142 Resp: 3109
Ion Ratio Lower Upper
142 100
127 33.2 32.7 49.1
141 0.0 11.7 17.5#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

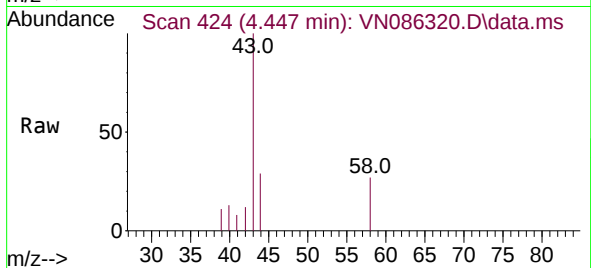
Tgt Ion: 56 Resp: 503
Ion Ratio Lower Upper
56 100
55 0.0 58.5 87.7#



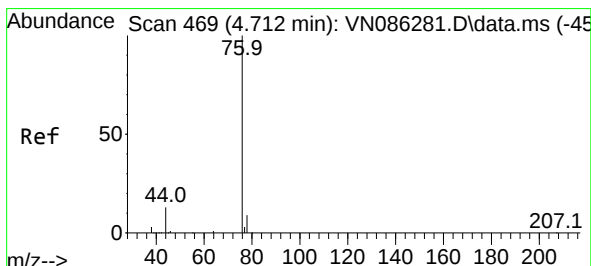
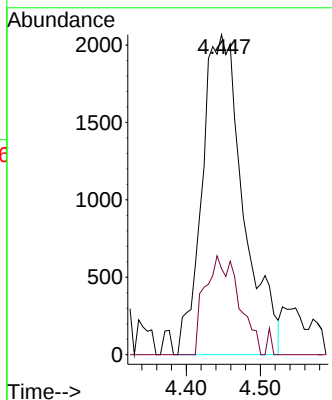
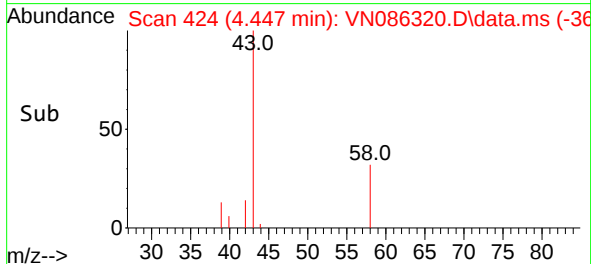


#16
Acetone
Concen: 2.294 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :

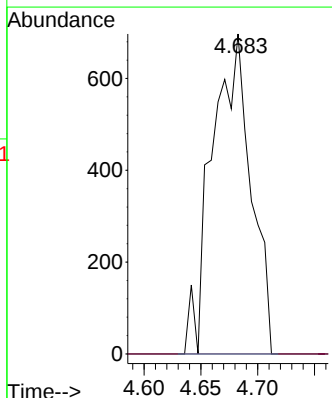
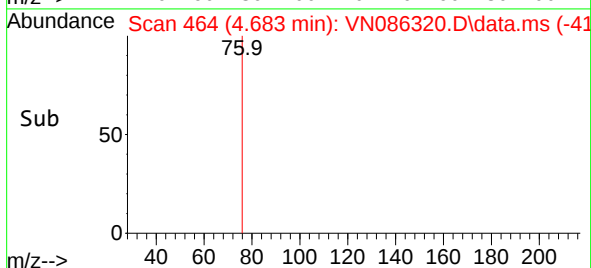
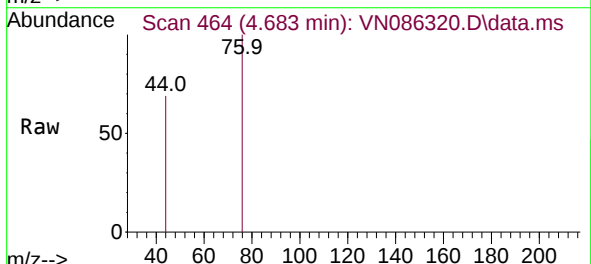


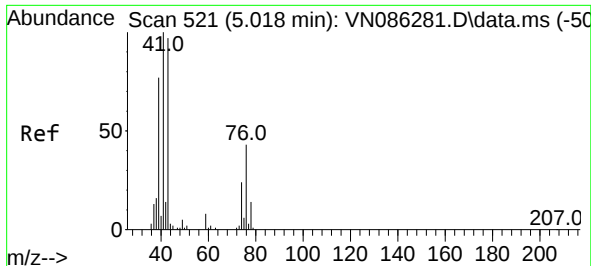
Tgt Ion: 43 Resp: 7977
Ion Ratio Lower Upper
43 100
58 26.9 25.3 37.9



#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 4.683 min Scan# 464
Delta R.T. -0.029 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

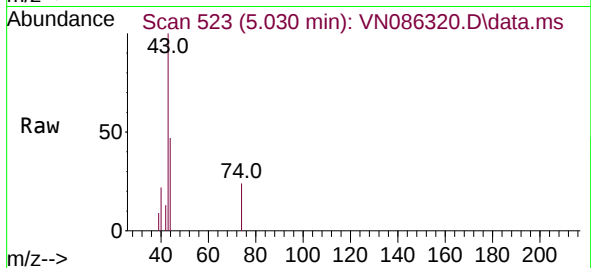
Tgt Ion: 76 Resp: 1662
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



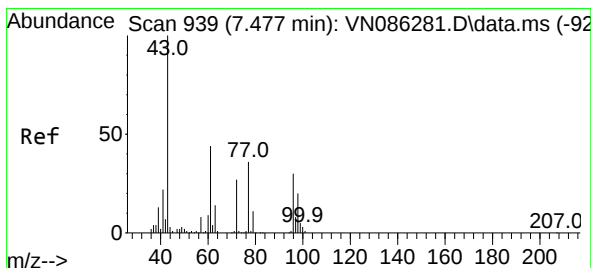
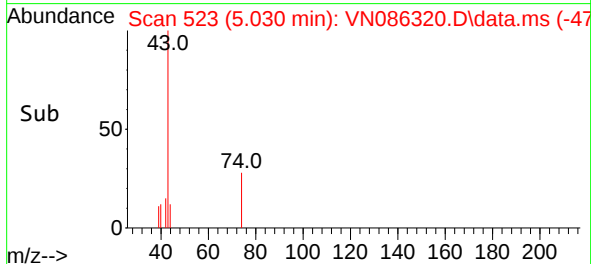
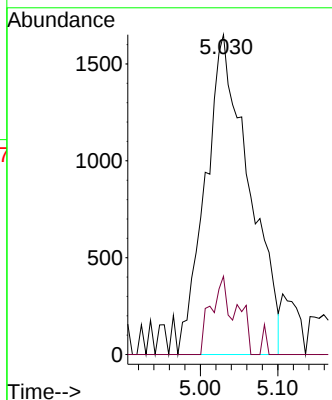


#18
Methyl Acetate
Concen: 1.856 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :

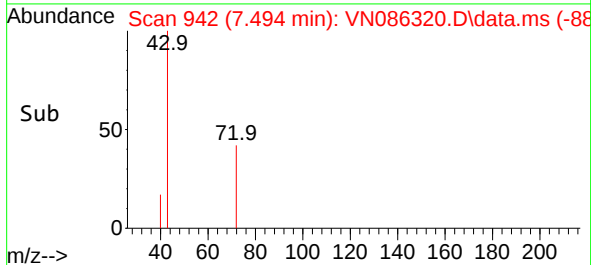
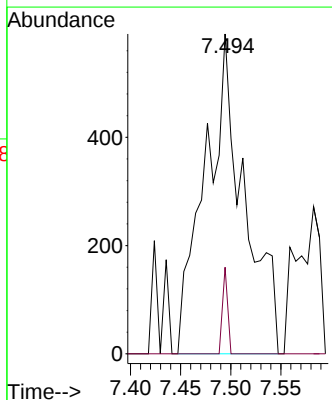
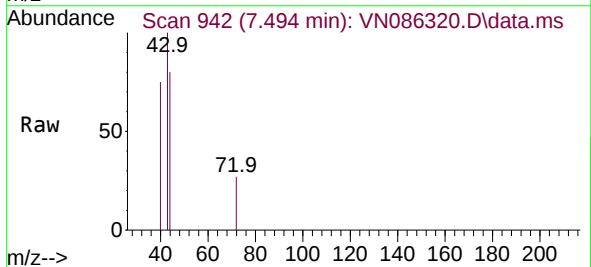


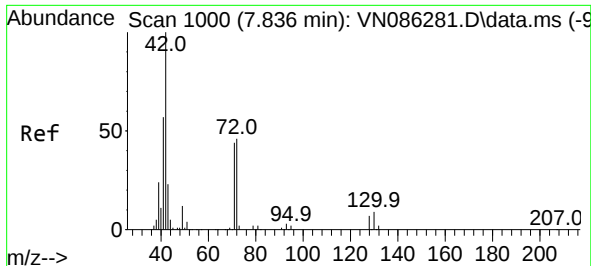
Tgt Ion: 43 Resp: 6467
Ion Ratio Lower Upper
43 100
74 10.0 19.8 29.6#



#25
2-Butanone
Concen: 0.886 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
72 27.1 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.574 ug/l

RT: 7.847 min Scan# 1064

Delta R.T. 0.012 min

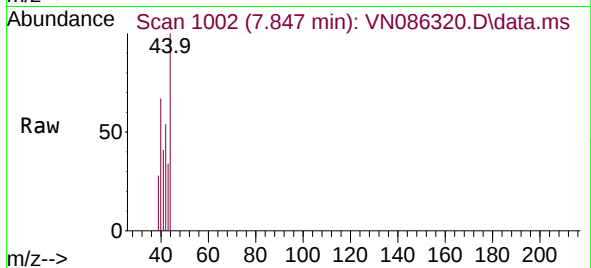
Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

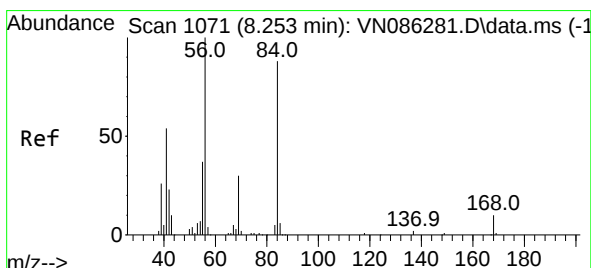
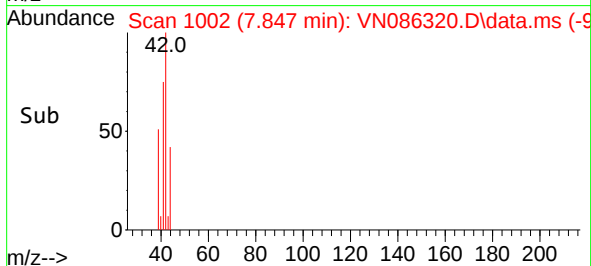
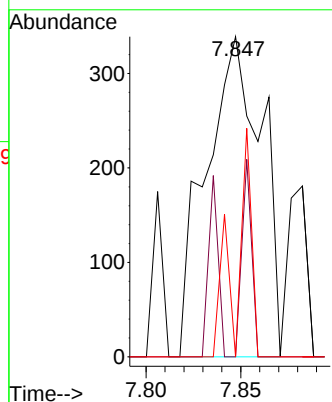
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	693
Ion	Ratio	Lower	Upper
42	100		
72	10.7	36.2	54.4#
71	20.1	34.0	51.0#



#31

Cyclohexane

Concen: 2.794 ug/l

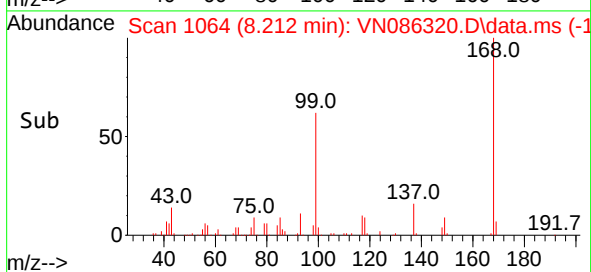
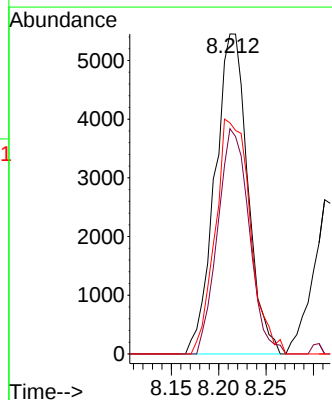
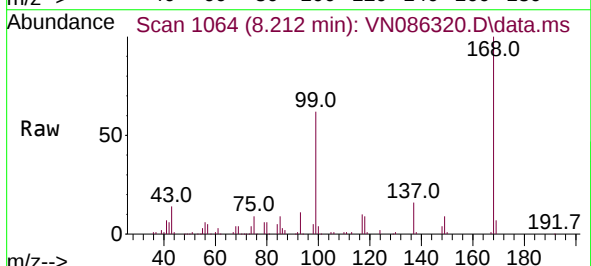
RT: 8.212 min Scan# 1064

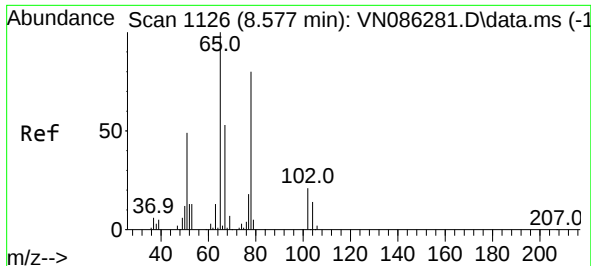
Delta R.T. -0.041 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Tgt Ion:	56	Resp:	13143
Ion	Ratio	Lower	Upper
56	100		
69	70.4	24.2	36.2#
84	72.2	70.3	105.5





#33

1,2-Dichloroethane-d4

Concen: 48.515 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Instrument :

MSVOA_N

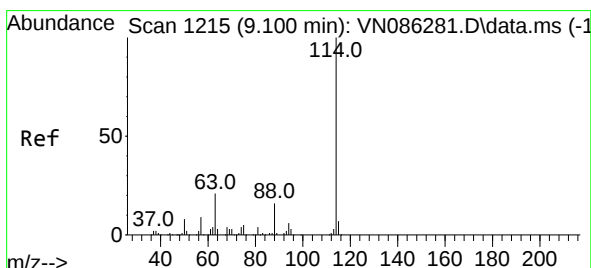
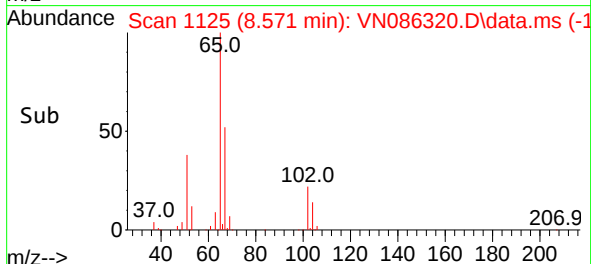
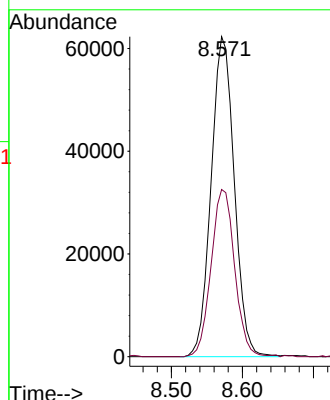
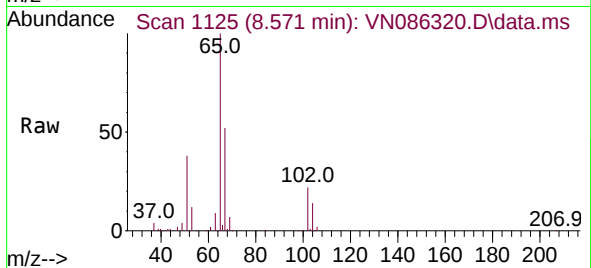
ClientSampleId :

Tgt Ion: 65 Resp: 140832

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

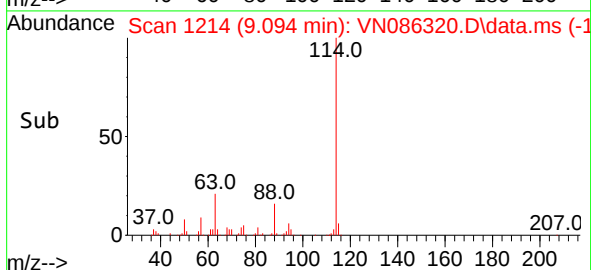
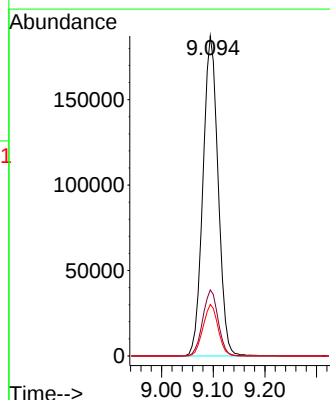
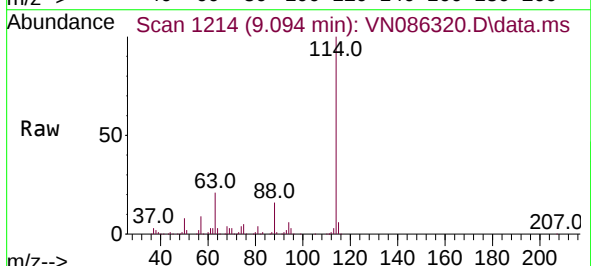
Tgt Ion: 114 Resp: 381492

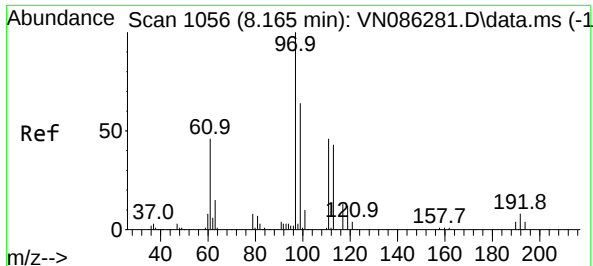
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

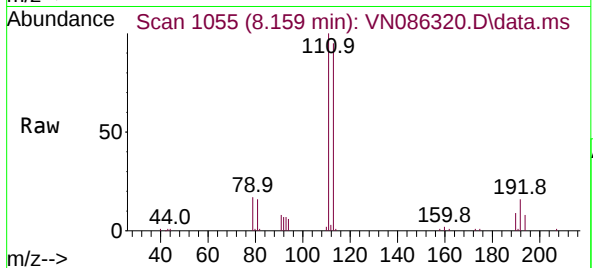
88 16.1 0.0 31.8



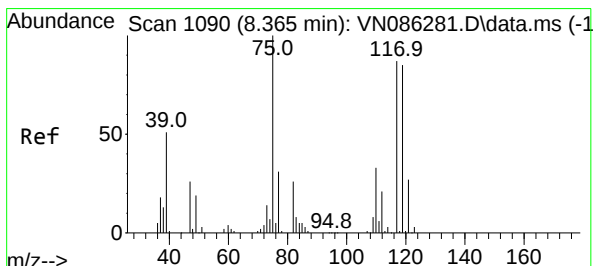
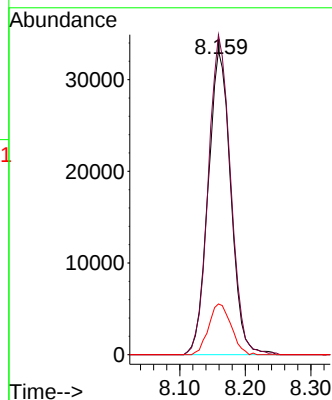
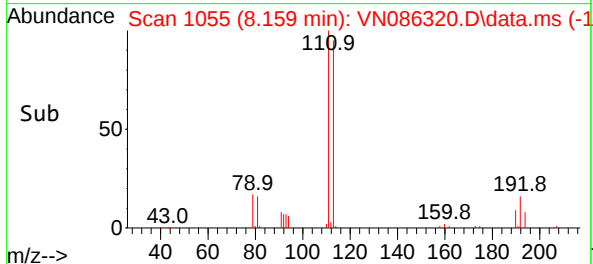


#35
Dibromofluoromethane
Concen: 44.863 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :

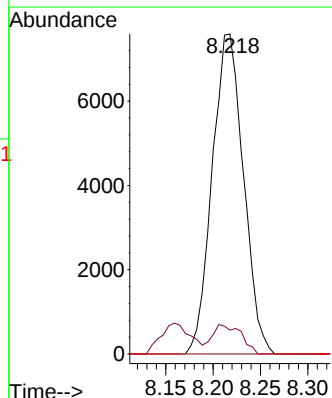
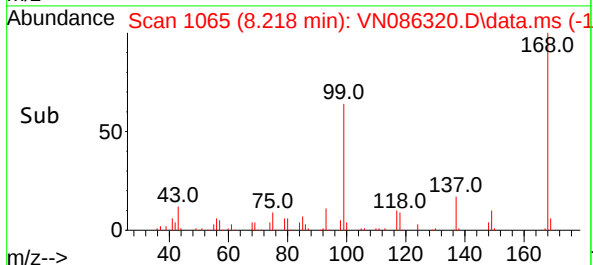
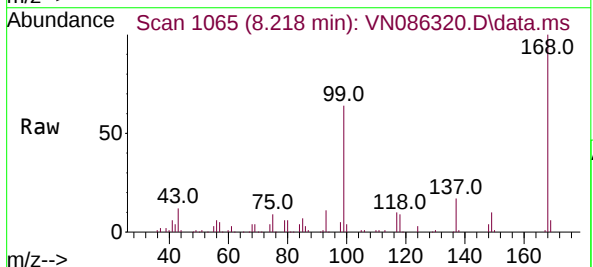


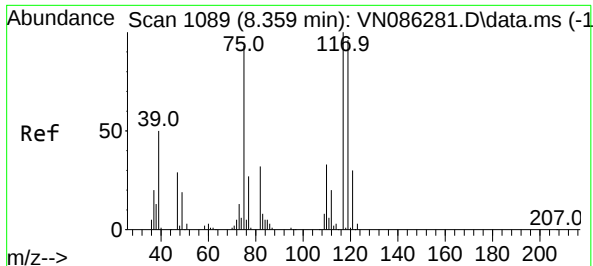
Tgt Ion:113 Resp: 79433
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 16.6 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

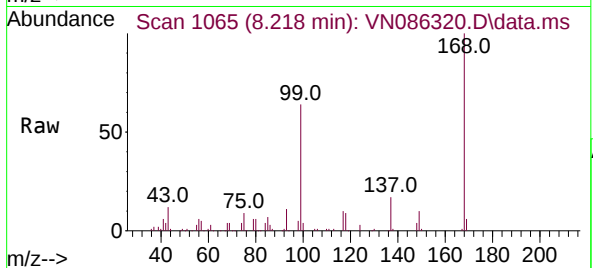
Tgt Ion: 75 Resp: 17425
Ion Ratio Lower Upper
75 100
110 8.5 16.8 50.4#
77 0.0 24.9 37.3#



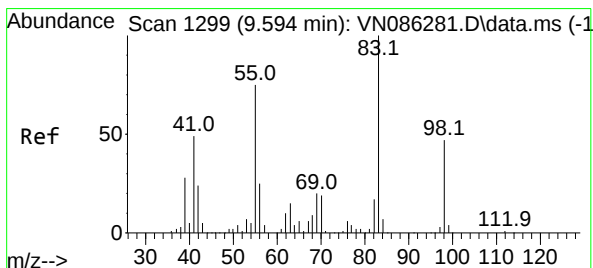
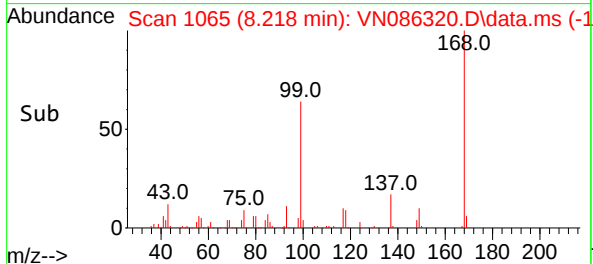
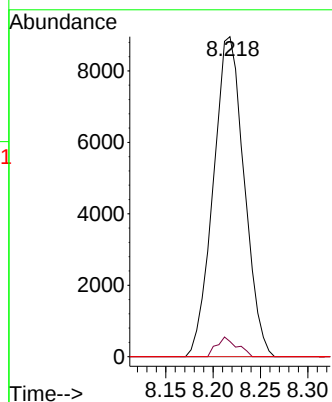


#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :

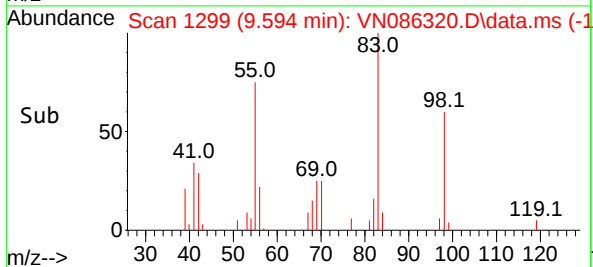
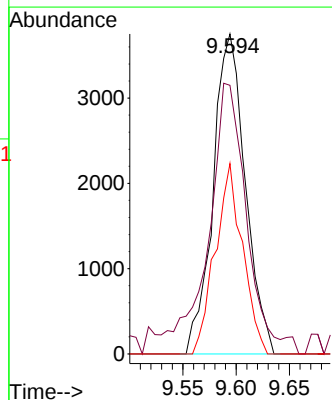
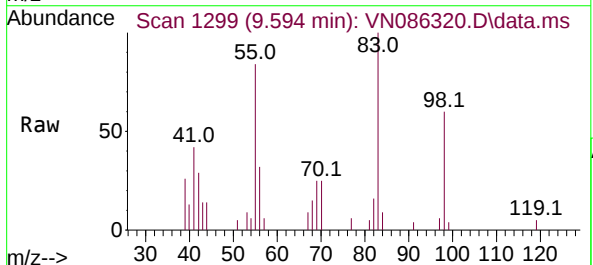


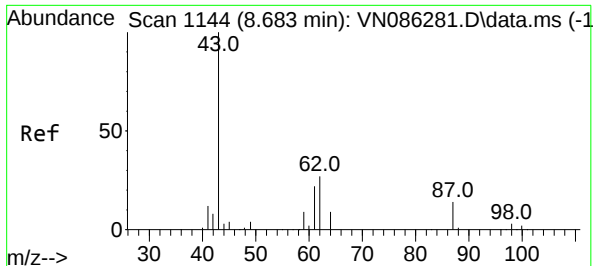
Tgt Ion:117 Resp: 20303
Ion Ratio Lower Upper
117 100
119 4.7 76.8 115.2#
121 0.0 23.8 35.8#



#39
Methylcyclohexane
Concen: 1.878 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Tgt Ion: 83 Resp: 7896
Ion Ratio Lower Upper
83 100
55 79.5 59.8 89.8
98 59.5 37.9 56.9#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.659 min Scan# 1144

Delta R.T. -0.024 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

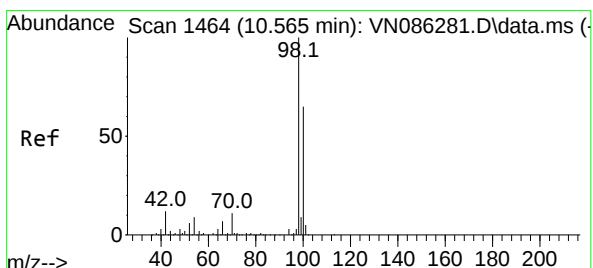
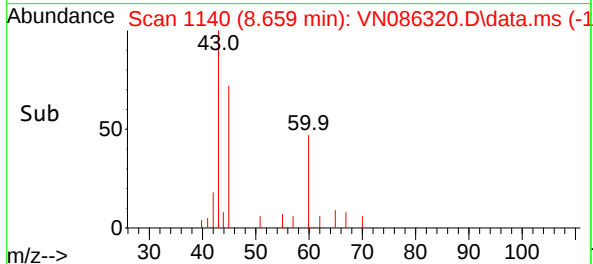
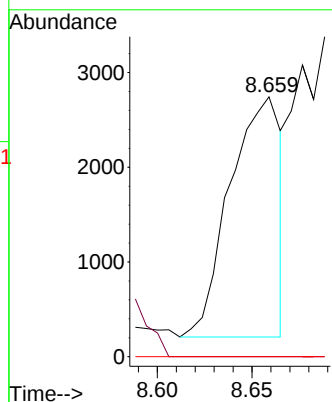
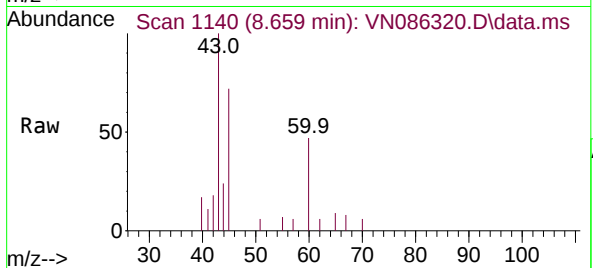
Tgt Ion: 43 Resp: 4756

Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

87 0.0 10.5 15.7#



#50

Toluene-d8

Concen: 51.617 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086320.D

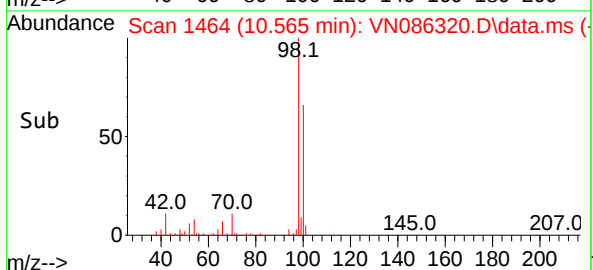
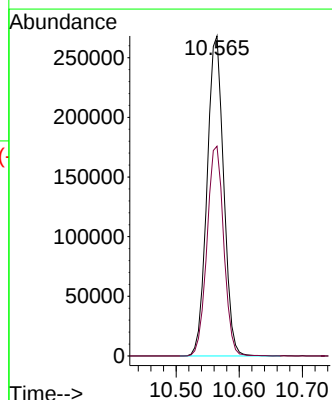
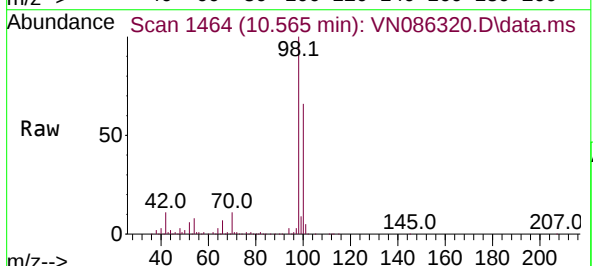
Acq: 17 Apr 2025 14:29

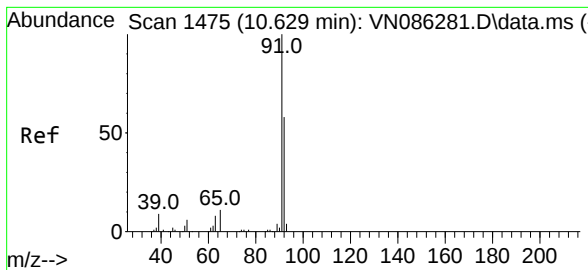
Tgt Ion: 98 Resp: 488437

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7





#52

Toluene

Concen: 177.427 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Instrument :

MSVOA_N

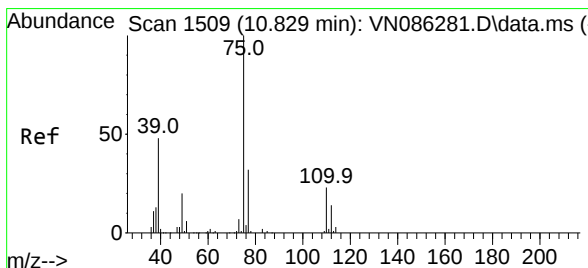
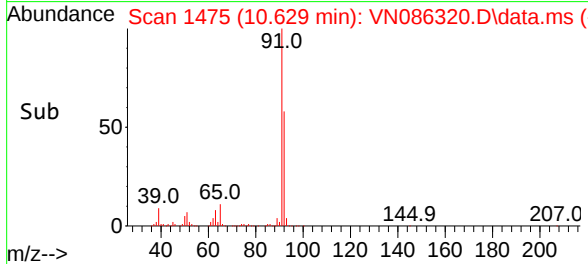
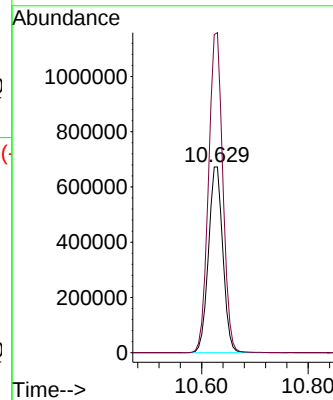
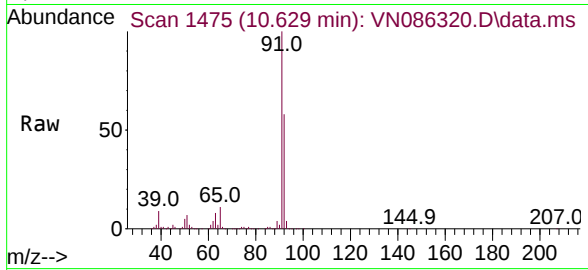
ClientSampleId :

Tgt Ion: 92 Resp: 1254390

Ion Ratio Lower Upper

92 100

91 171.9 137.3 205.9



#53

t-1,3-Dichloropropene

Concen: 3.320 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.206 min

Lab File: VN086320.D

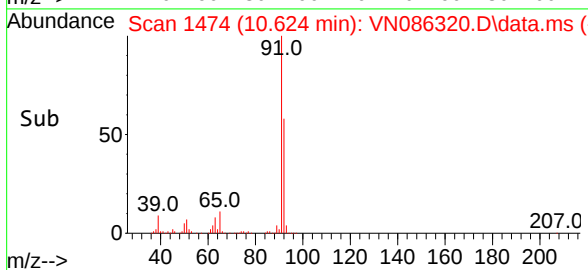
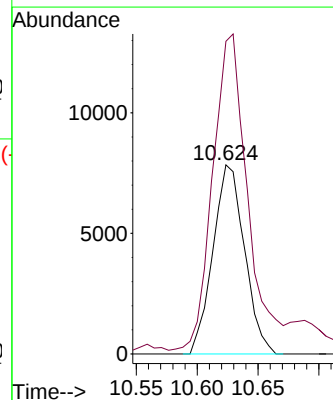
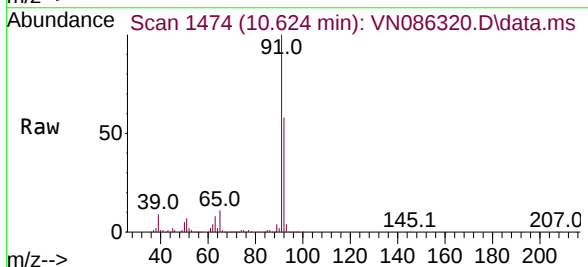
Acq: 17 Apr 2025 14:29

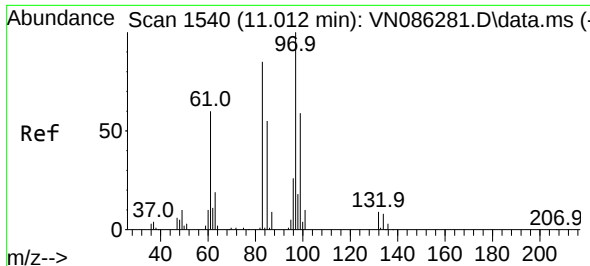
Tgt Ion: 75 Resp: 14146

Ion Ratio Lower Upper

75 100

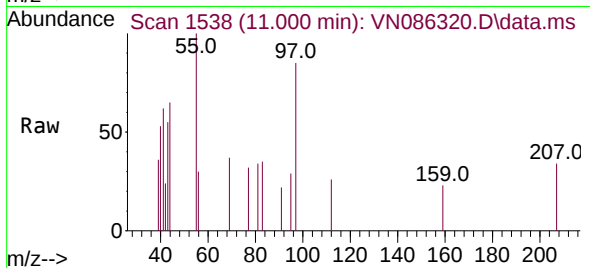
77 161.8 25.4 38.0#



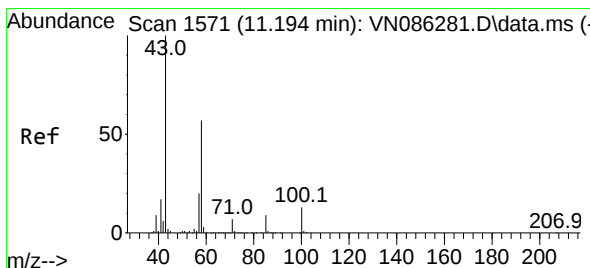
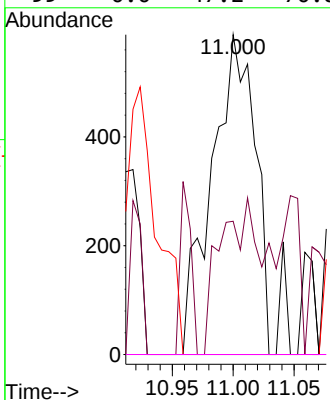
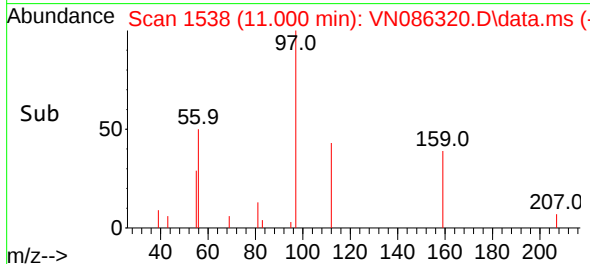


#55
1,1,2-Trichloroethane
Concen: 0.573 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

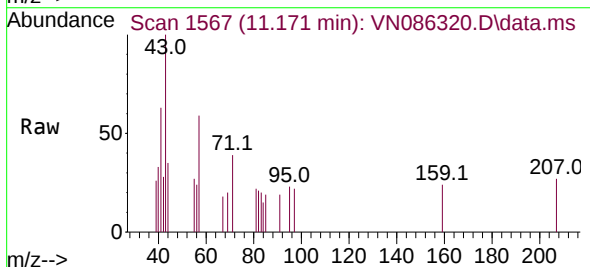
Instrument :
MSVOA_N
ClientSampleId :



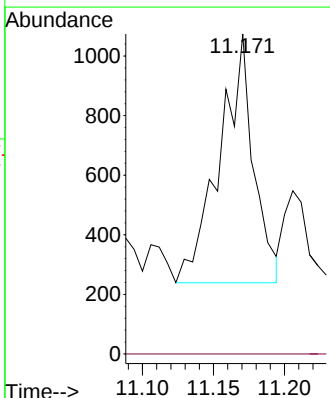
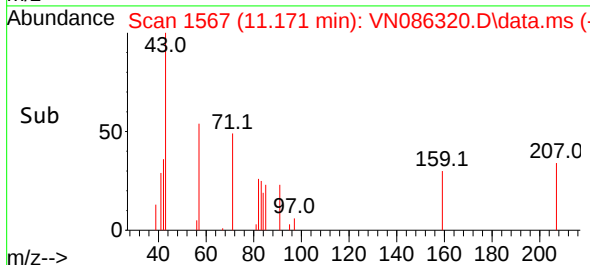
Tgt Ion: 97 Resp: 1458
Ion Ratio Lower Upper
97 100
83 41.7 68.4 102.6#
85 0.0 43.9 65.9#
99 0.0 47.2 70.8#

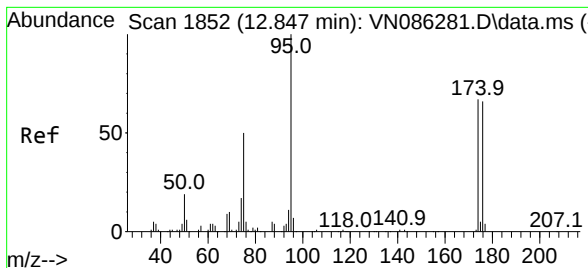


#59
2-Hexanone
Concen: 0.491 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29



Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 0.0 28.3 85.0#

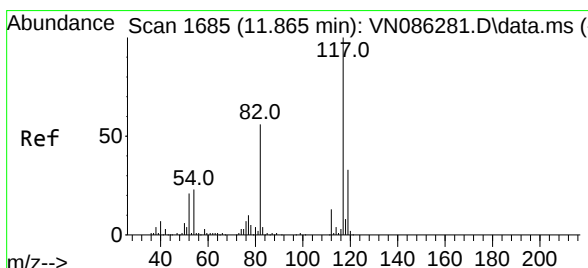
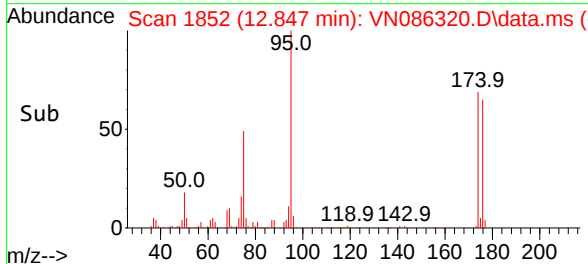
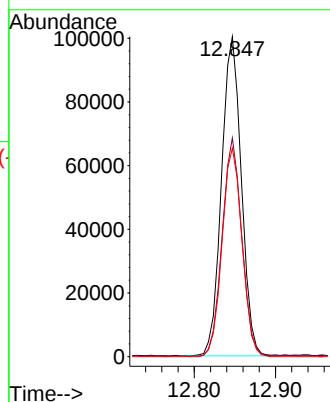
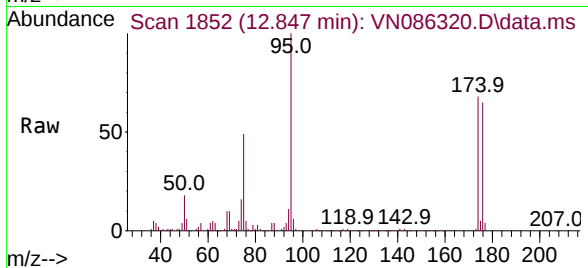




#62
4-Bromofluorobenzene
Concen: 49.315 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

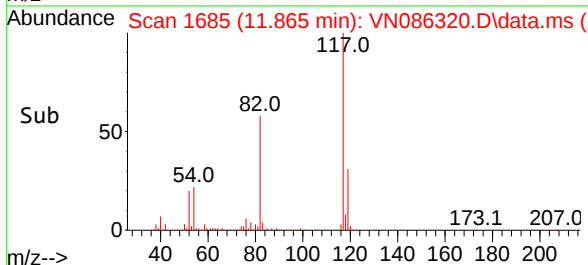
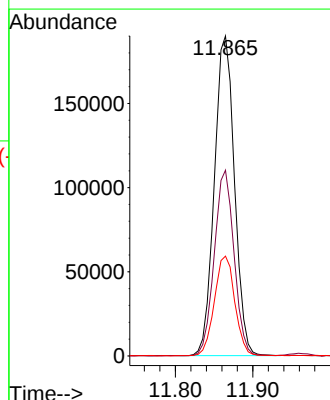
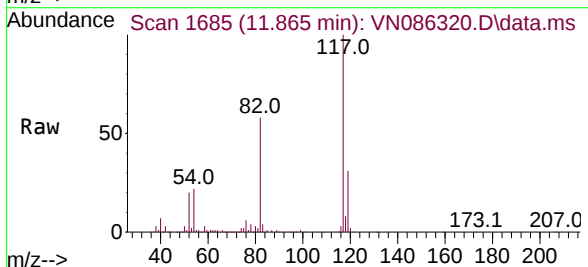
Instrument :
MSVOA_N
ClientSampleId :

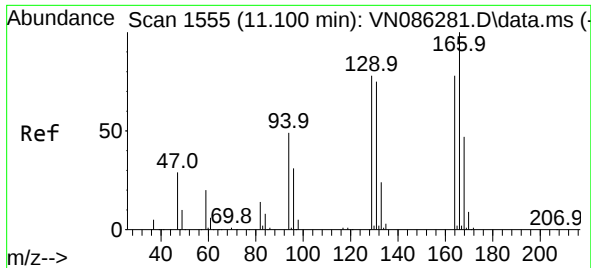
Tgt Ion: 95 Resp: 170209
Ion Ratio Lower Upper
95 100
174 68.0 0.0 133.4
176 65.6 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

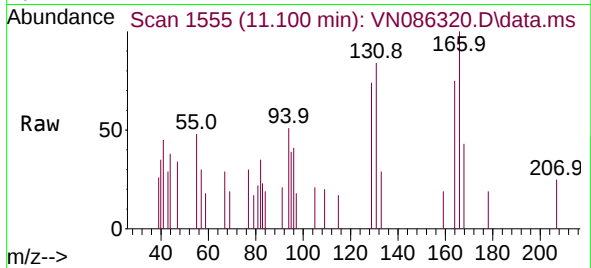
Tgt Ion: 117 Resp: 342298
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 31.1 26.4 39.6





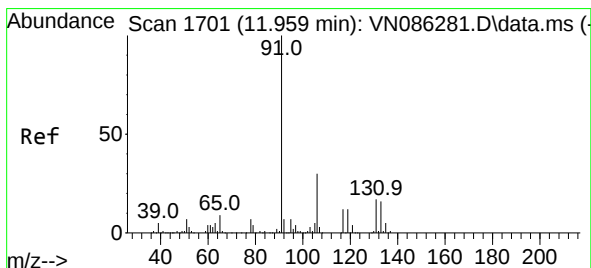
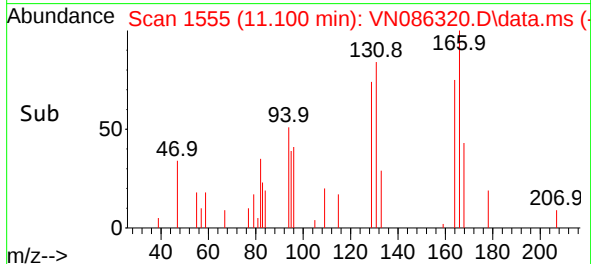
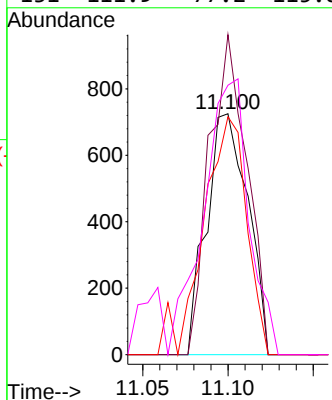
#64
Tetrachloroethene
Concen: 0.465 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:164 Resp: 1224

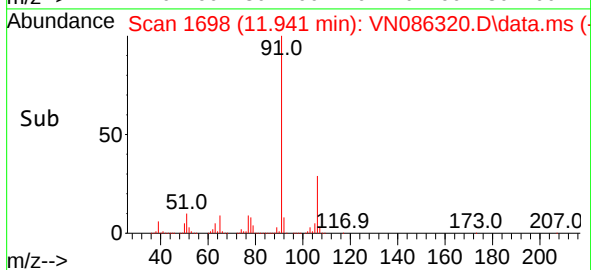
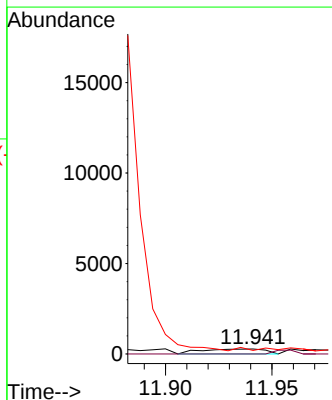
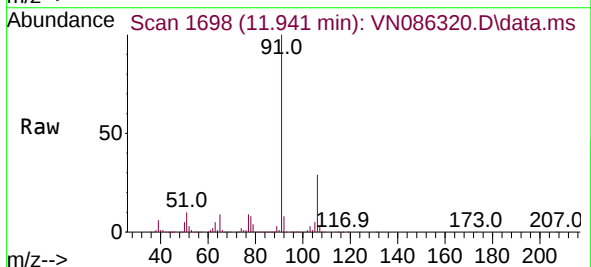
Ion	Ratio	Lower	Upper
164	100		
166	132.8	103.0	154.4
129	98.8	80.1	120.1
131	111.9	77.2	115.8

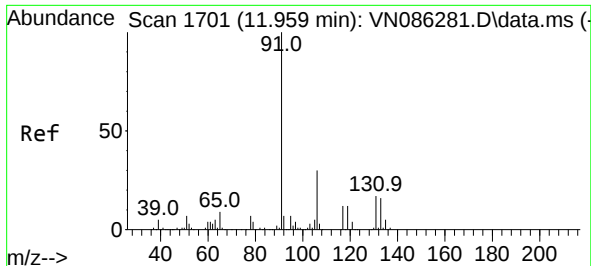


#66
1,1,1,2-Tetrachloroethane
Concen: 0.225 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.018 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Tgt Ion:131 Resp: 568

Ion	Ratio	Lower	Upper
131	100		
133	25.7	47.1	141.3#
119	0.0	33.8	101.4#

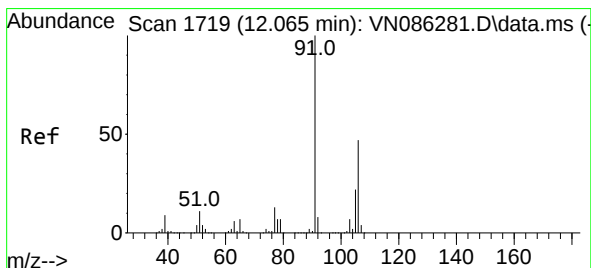
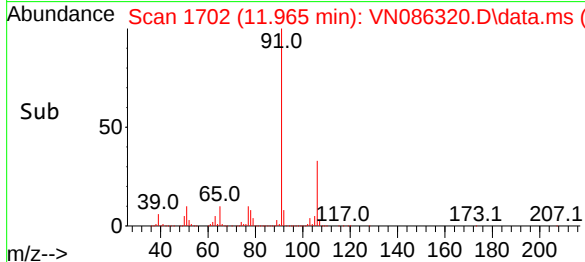
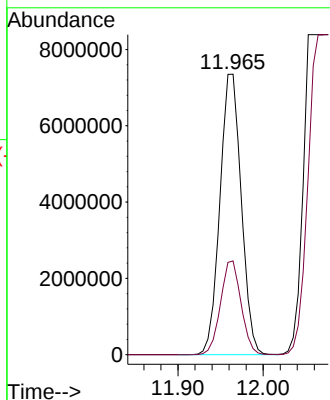
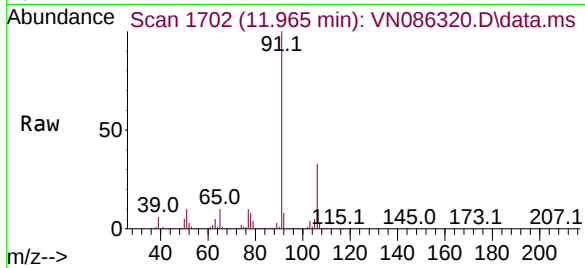




#67
Ethyl Benzene
Concen: 930.863 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

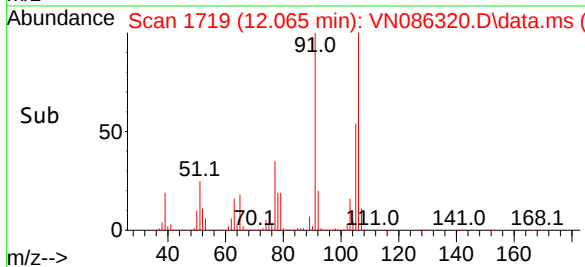
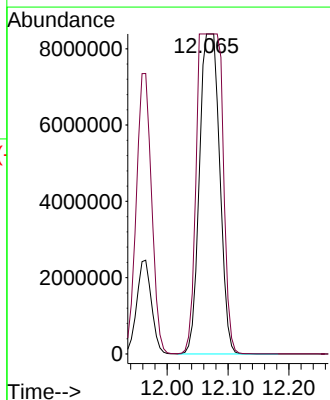
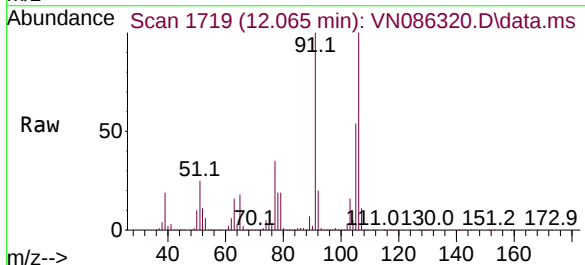
Instrument :
MSVOA_N
ClientSampleId :

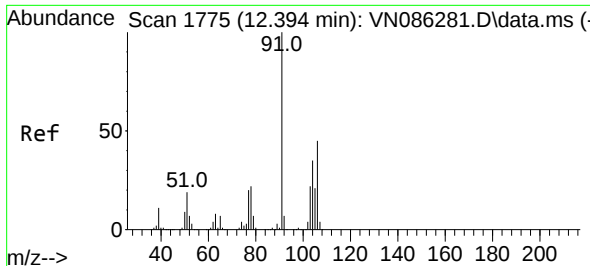
Tgt Ion: 91 Resp:12831600
Ion Ratio Lower Upper
91 100
106 33.4 24.3 36.5



#68
m/p-Xylenes
Concen: 3718.958 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Tgt Ion:106 Resp:19208643
Ion Ratio Lower Upper
106 100
91 0.0 166.5 249.7#

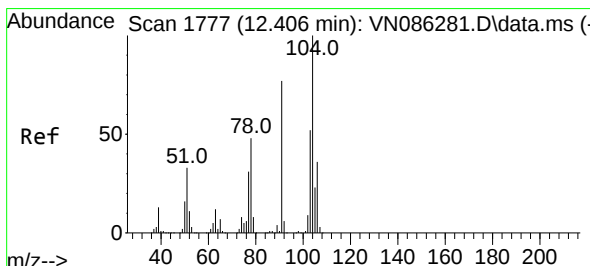
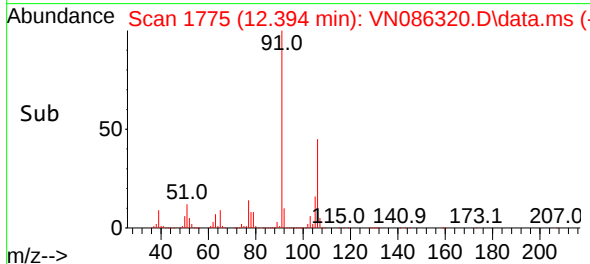
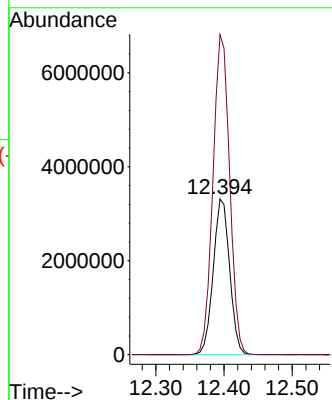
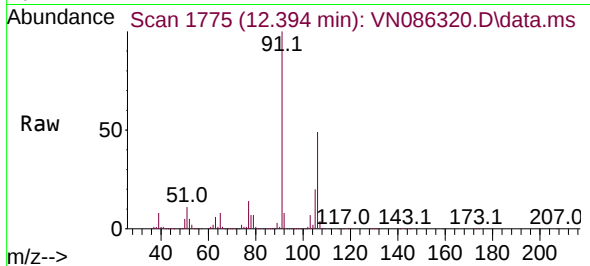




#69
o-Xylene
Concen: 1084.350 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

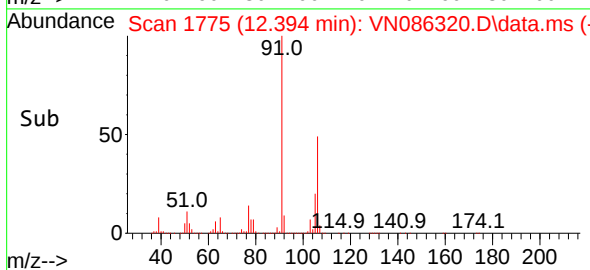
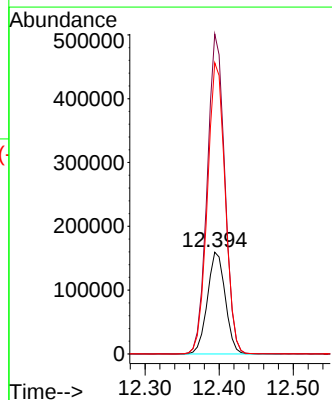
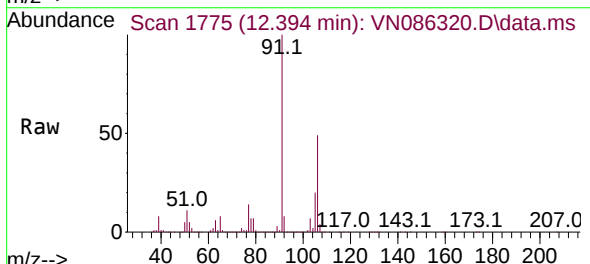
Instrument :
MSVOA_N
ClientSampleId :

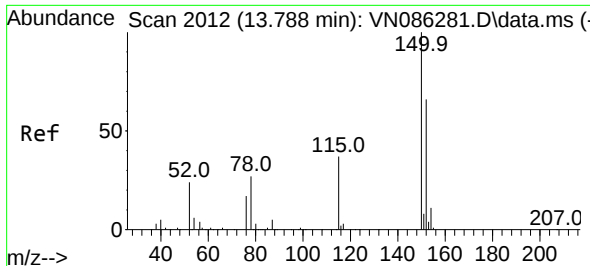
Tgt Ion:106 Resp: 5538794
Ion Ratio Lower Upper
106 100
91 209.6 109.7 329.0



#70
Styrene
Concen: 31.340 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

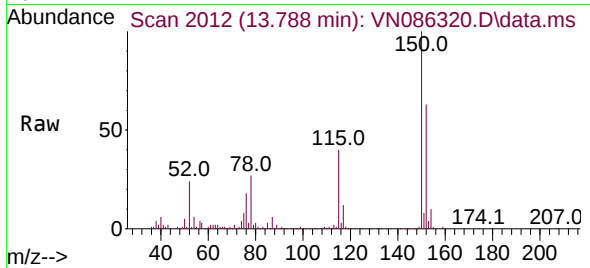
Tgt Ion:104 Resp: 266729
Ion Ratio Lower Upper
104 100
78 308.8 40.6 61.0#
103 285.4 43.6 65.4#



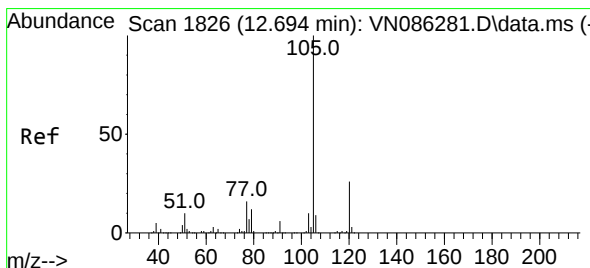
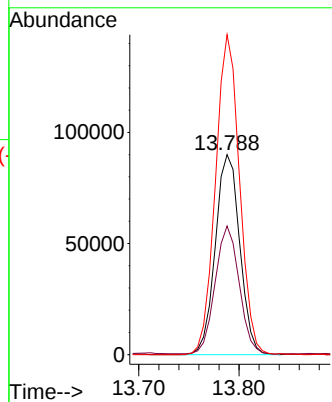
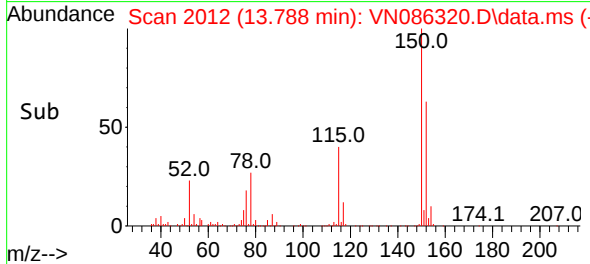


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086320.D
 Acq: 17 Apr 2025 14:29

Instrument :
 MSVOA_N
 ClientSampleId :

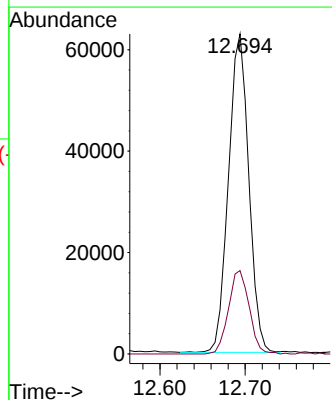
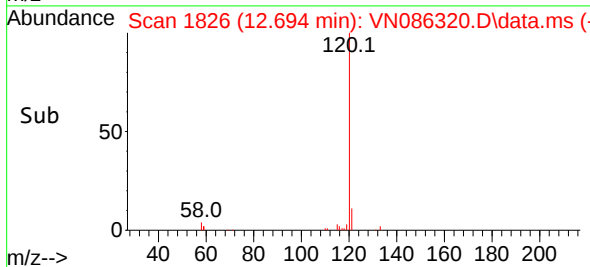
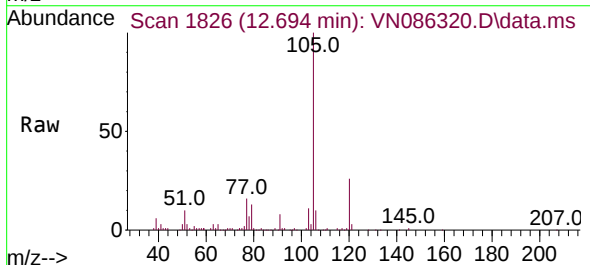


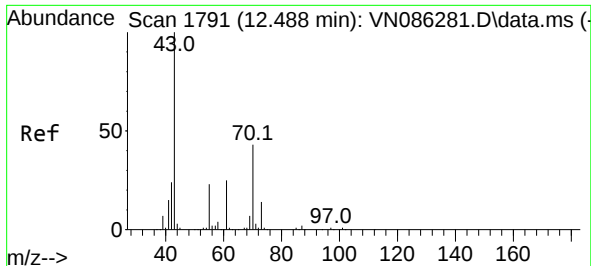
Tgt Ion:152 Resp: 152111
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.9 95.9
 150 157.2 0.0 352.0



#73
 Isopropylbenzene
 Concen: 8.342 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN086320.D
 Acq: 17 Apr 2025 14:29

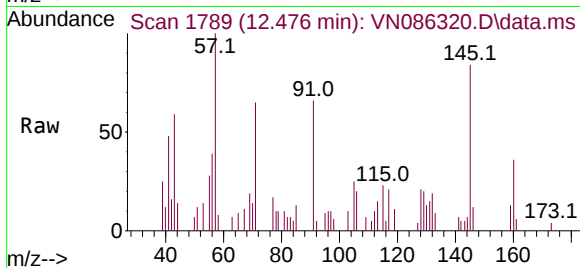
Tgt Ion:105 Resp: 103796
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.1 39.3



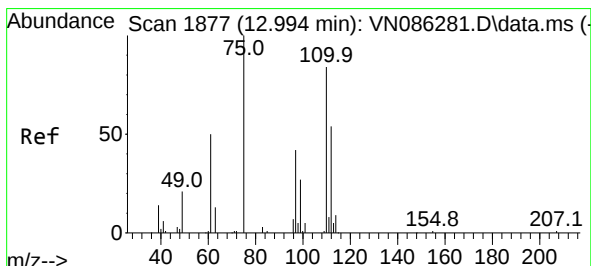
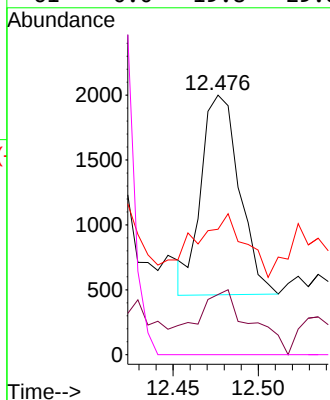
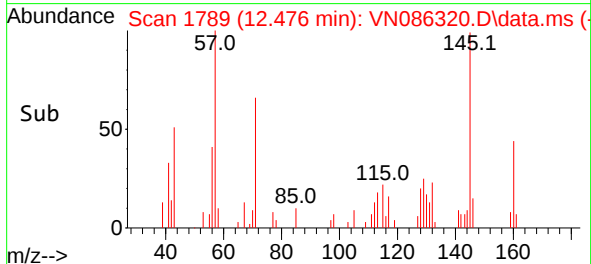


#74
N-amy1 acetate
Concen: 0.389 ug/l
RT: 12.476 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :

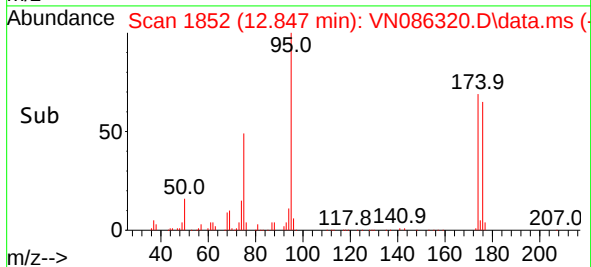
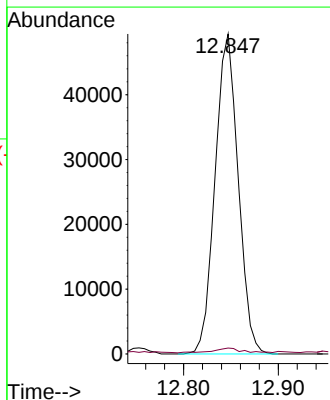
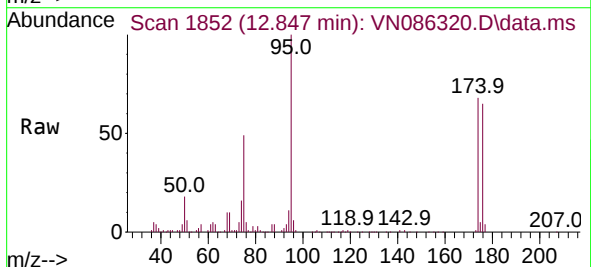


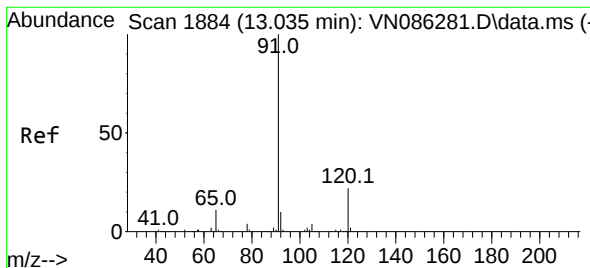
Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
70 43.7 35.0 52.4
55 37.5 19.0 28.4#
61 0.0 19.8 29.8#



#76
1,2,3-Trichloropropane
Concen: 23.304 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Tgt Ion: 75 Resp: 83652
Ion Ratio Lower Upper
75 100
77 1.8 98.8 296.4#





#78

n-propylbenzene

Concen: 5.678 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Instrument :

MSVOA_N

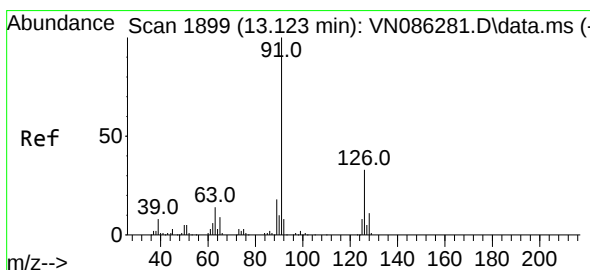
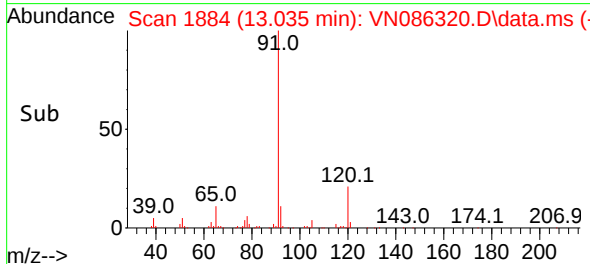
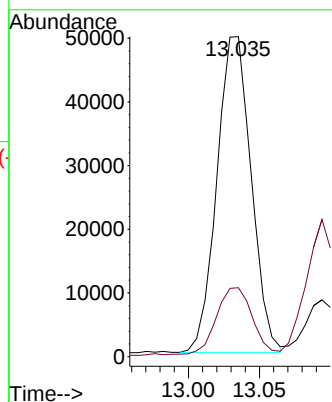
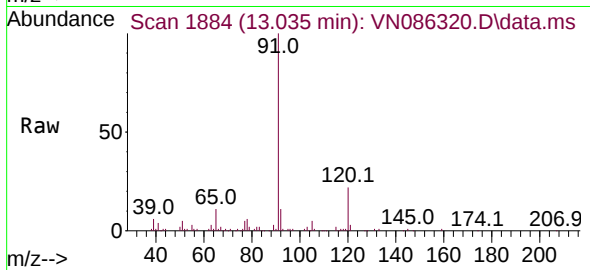
ClientSampleId :

Tgt Ion: 91 Resp: 83250

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3



#79

2-Chlorotoluene

Concen: 1.217 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. -0.029 min

Lab File: VN086320.D

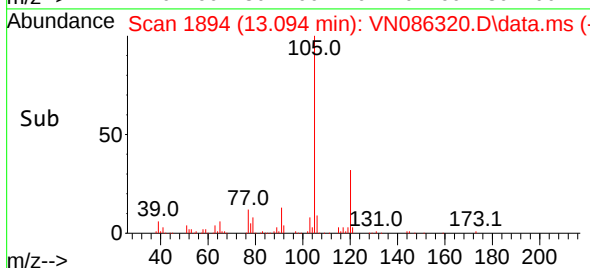
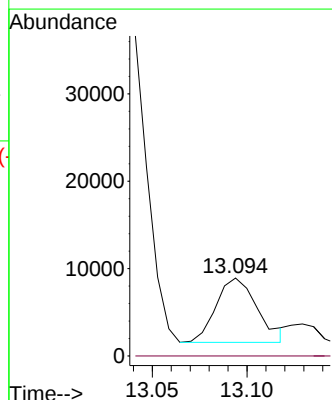
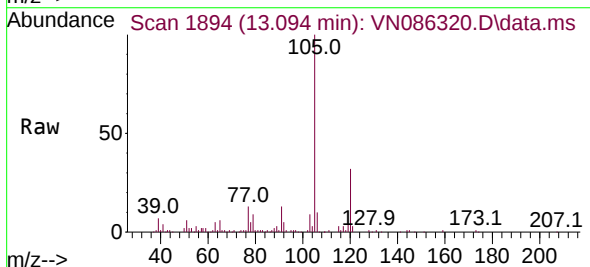
Acq: 17 Apr 2025 14:29

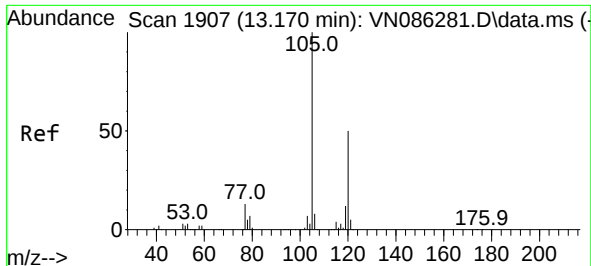
Tgt Ion: 91 Resp: 11168

Ion Ratio Lower Upper

91 100

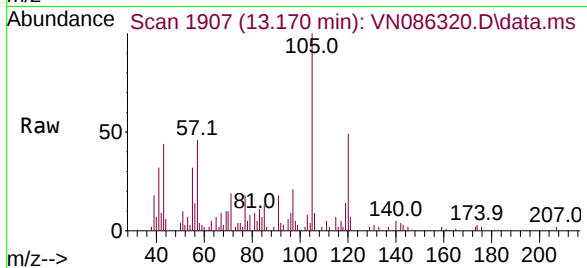
126 0.0 16.1 48.2#



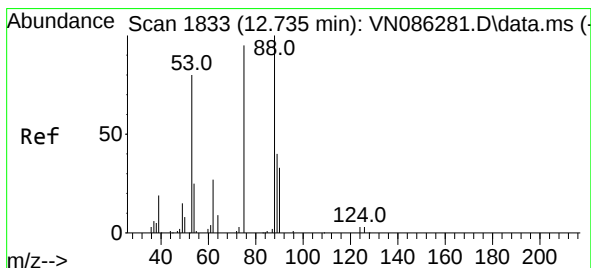
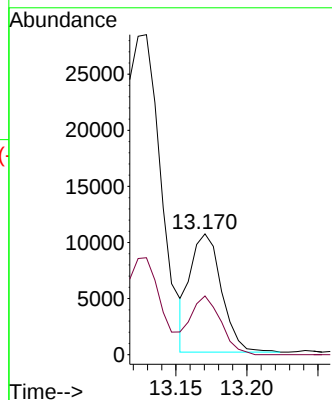
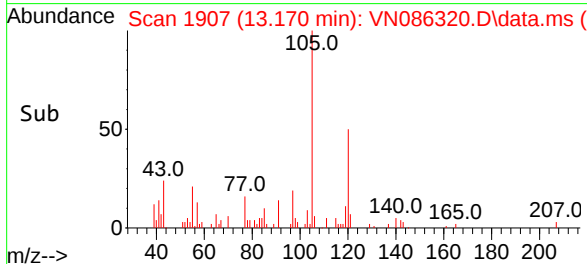


#80
 1,3,5-Trimethylbenzene
 Concen: 1.586 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086320.D
 Acq: 17 Apr 2025 14:29

Instrument :
 MSVOA_N
 ClientSampleId :

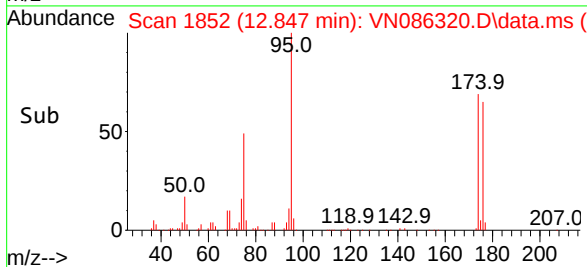
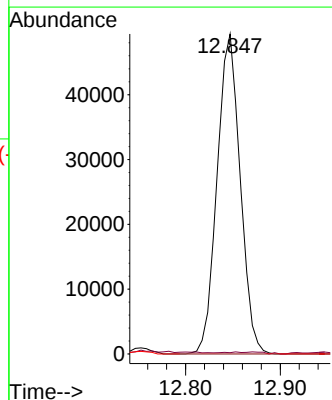
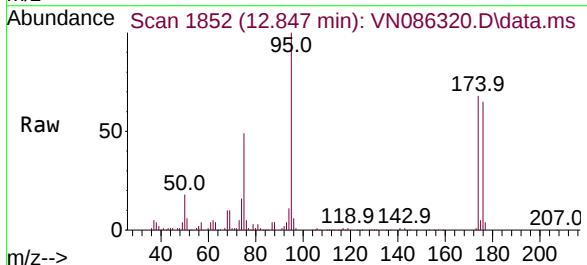


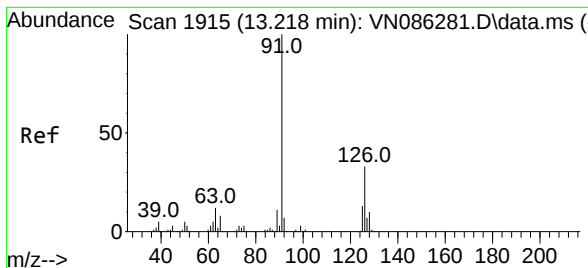
Tgt Ion:105 Resp: 16152
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.5 73.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.968 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN086320.D
 Acq: 17 Apr 2025 14:29

Tgt Ion: 75 Resp: 83652
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.2 118.8#
 89 0.0 35.7 53.5#

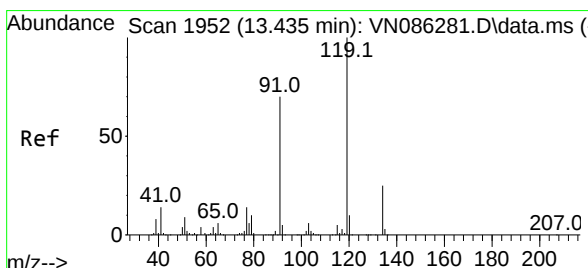
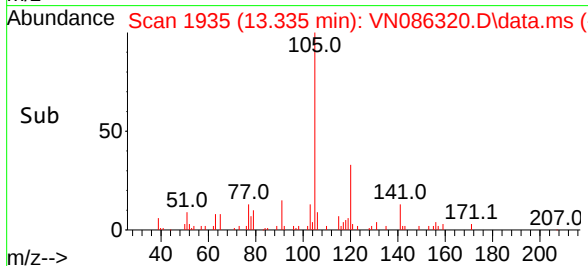
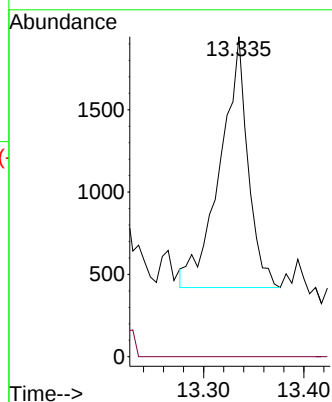
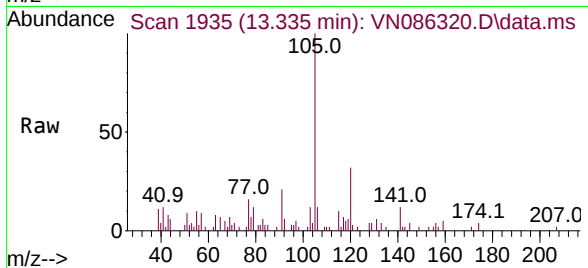




#82
4-Chlorotoluene
Concen: 0.321 ug/l
RT: 13.335 min Scan# 1935
Delta R.T. 0.118 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

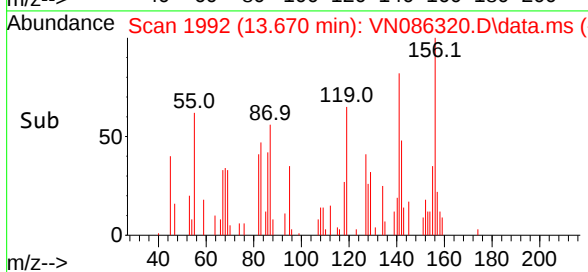
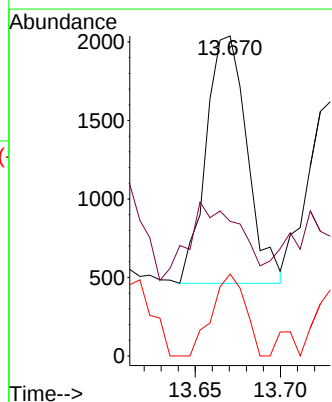
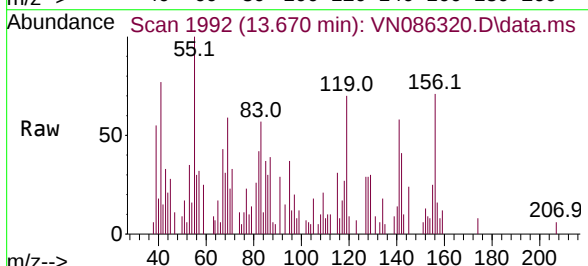
Instrument :
MSVOA_N
ClientSampleId :

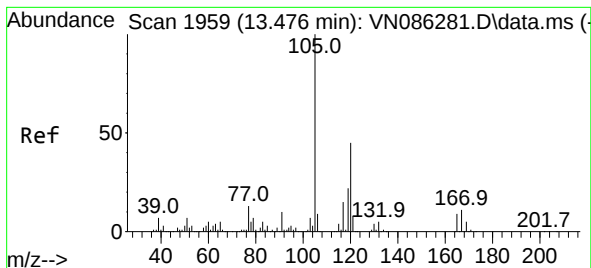
Tgt Ion: 91 Resp: 2927
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 0.299 ug/l
RT: 13.670 min Scan# 1992
Delta R.T. 0.235 min
Lab File: VN086320.D
Acq: 17 Apr 2025 14:29

Tgt Ion: 119 Resp: 2637
Ion Ratio Lower Upper
119 100
91 38.9 34.4 103.3
134 26.7 13.0 39.0





#84

1,2,4-Trimethylbenzene

Concen: 3.230 ug/l

RT: 13.482 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Instrument :

MSVOA_N

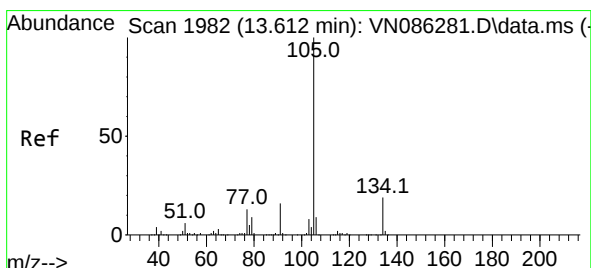
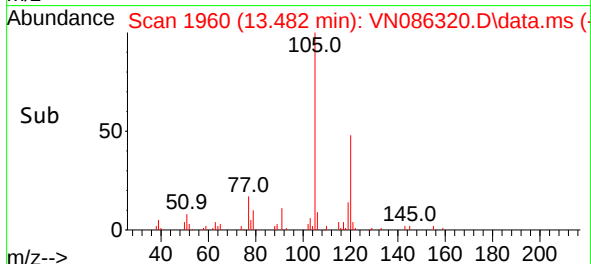
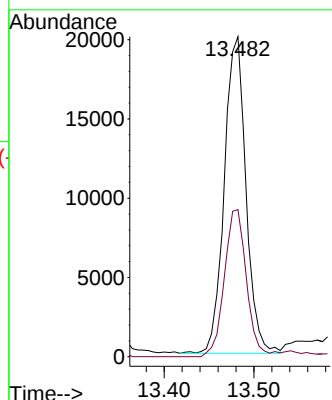
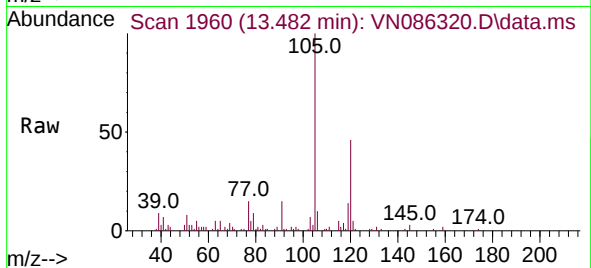
ClientSampleId :

Tgt Ion:105 Resp: 33488

Ion Ratio Lower Upper

105 100

120 47.1 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.453 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086320.D

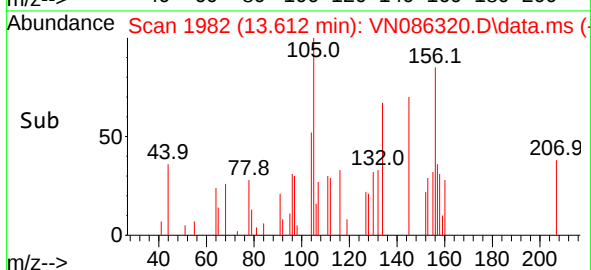
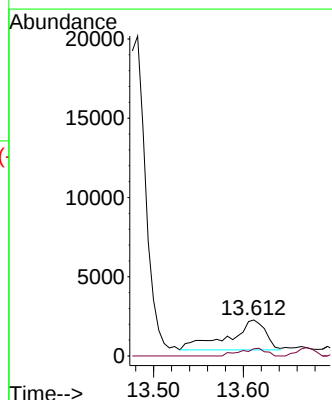
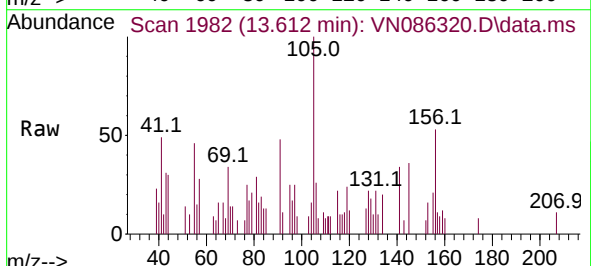
Acq: 17 Apr 2025 14:29

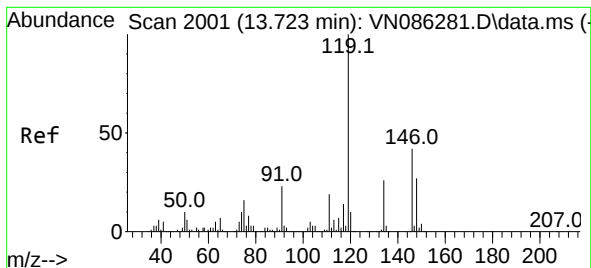
Tgt Ion:105 Resp: 5542

Ion Ratio Lower Upper

105 100

134 17.0 9.7 29.1





#86

p-Isopropyltoluene

Concen: 0.201 ug/l

RT: 13.729 min Scan# 2001

Delta R.T. 0.006 min

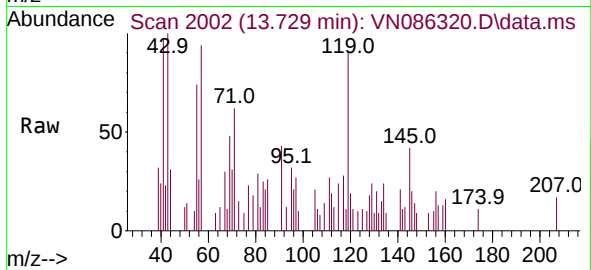
Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :



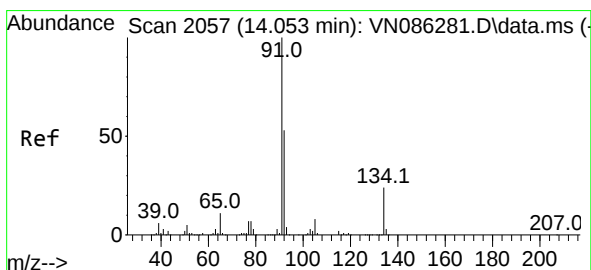
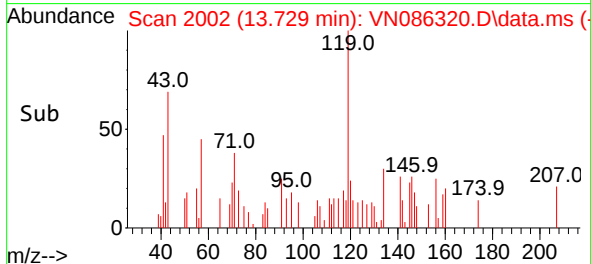
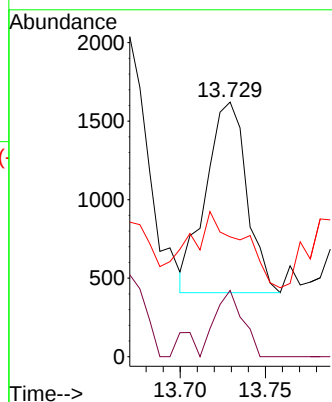
Tgt Ion:119 Resp: 2030

Ion Ratio Lower Upper

119 100

134 23.6 13.1 39.1

91 49.2 11.9 35.9#



#89

n-Butylbenzene

Concen: 0.480 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

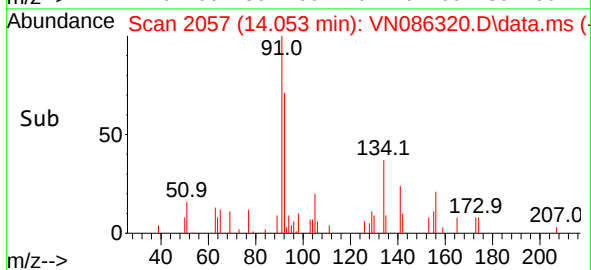
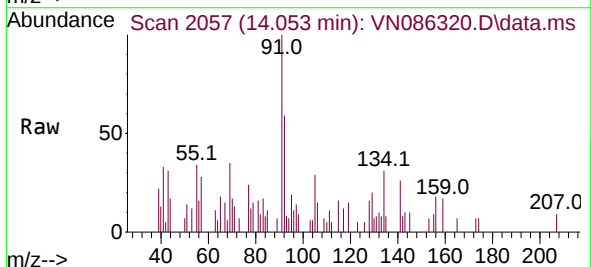
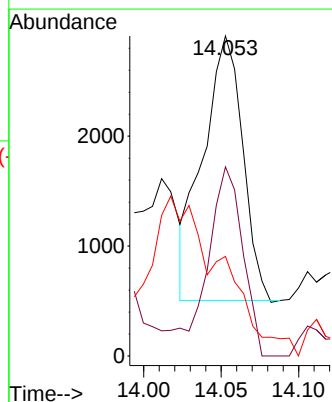
Tgt Ion: 91 Resp: 4292

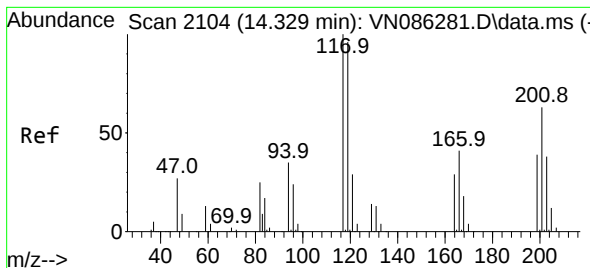
Ion Ratio Lower Upper

91 100

92 63.2 26.8 80.4

134 0.0 12.2 36.6#





#90

Hexachloroethane

Concen: 0.487 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Instrument :

MSVOA_N

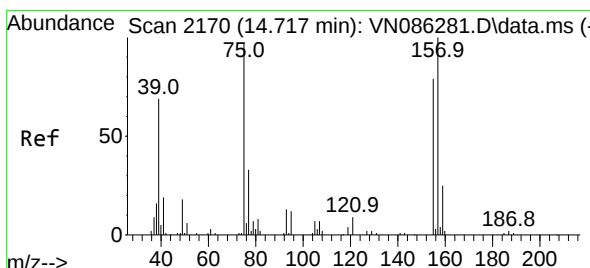
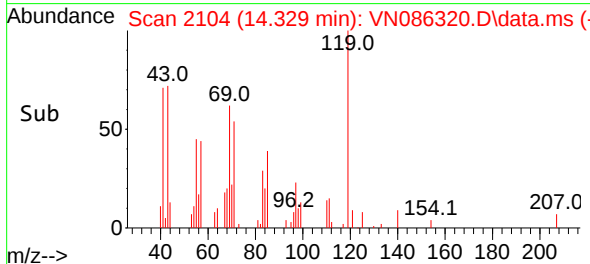
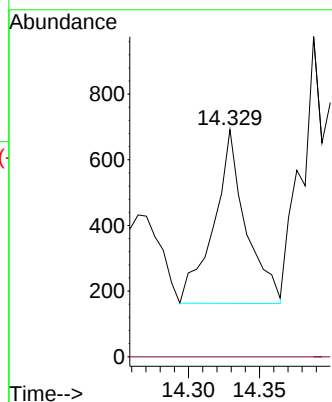
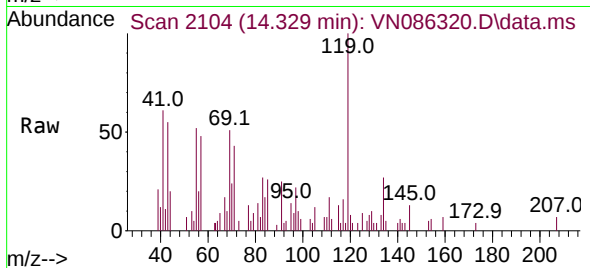
ClientSampleId :

Tgt Ion:117 Resp: 826

Ion Ratio Lower Upper

117 100

201 0.0 31.4 94.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.442 ug/l

RT: 14.764 min Scan# 2178

Delta R.T. 0.047 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

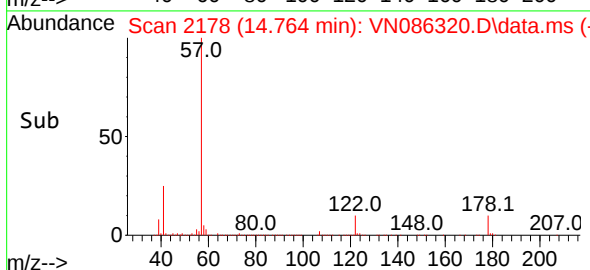
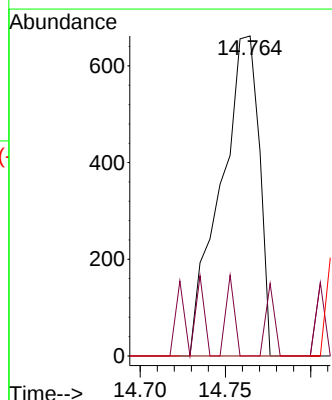
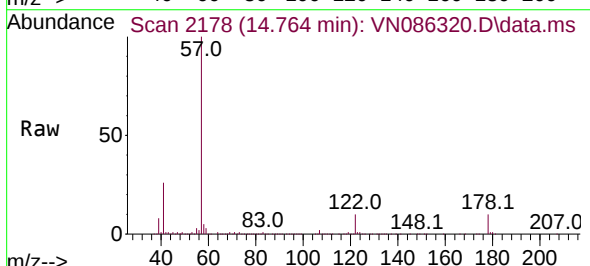
Tgt Ion: 75 Resp: 1040

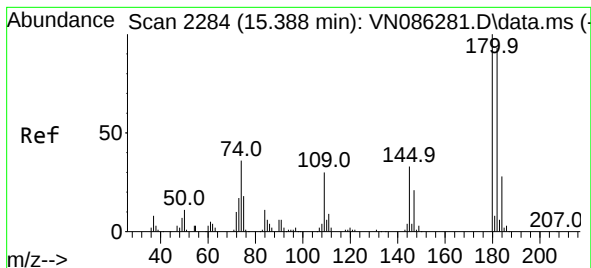
Ion Ratio Lower Upper

75 100

155 5.7 40.3 120.9#

157 0.0 49.0 147.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.245 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

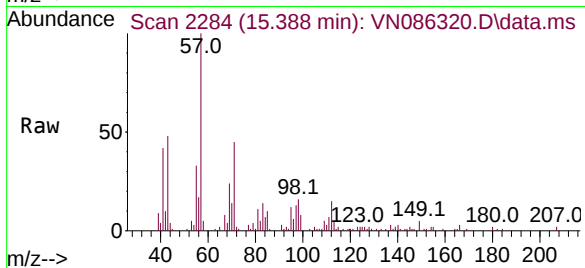
Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

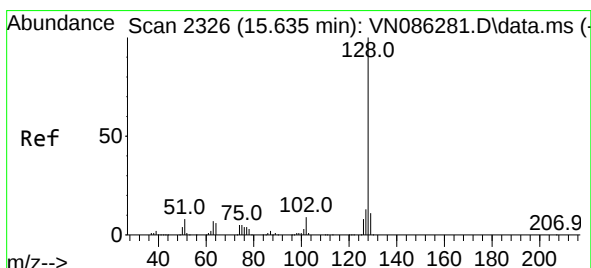
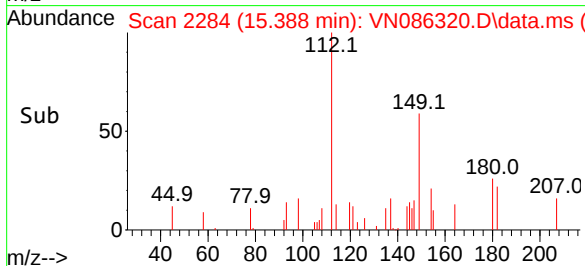
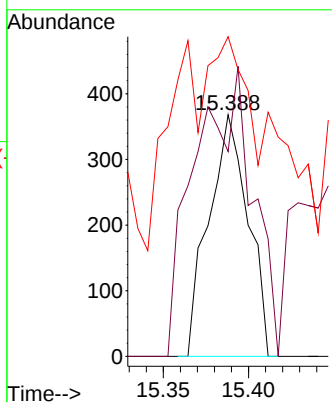
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	180	Resp:	590
Ion Ratio	Lower	Upper	
180	100		
182	175.1	47.0	141.0#
145	0.0	16.4	49.1#



#95

Naphthalene

Concen: 2.374 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN086320.D

Acq: 17 Apr 2025 14:29

Tgt Ion:	128	Resp:	20252
Ion Ratio	Lower	Upper	
128	100		
127	16.6	10.2	15.4#
129	18.2	8.6	13.0#

