

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021575.D
 Acq On : 20 Mar 2025 12:13
 Operator : SY/MD
 Sample : VY0320SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

Quant Time: Mar 21 01:32:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

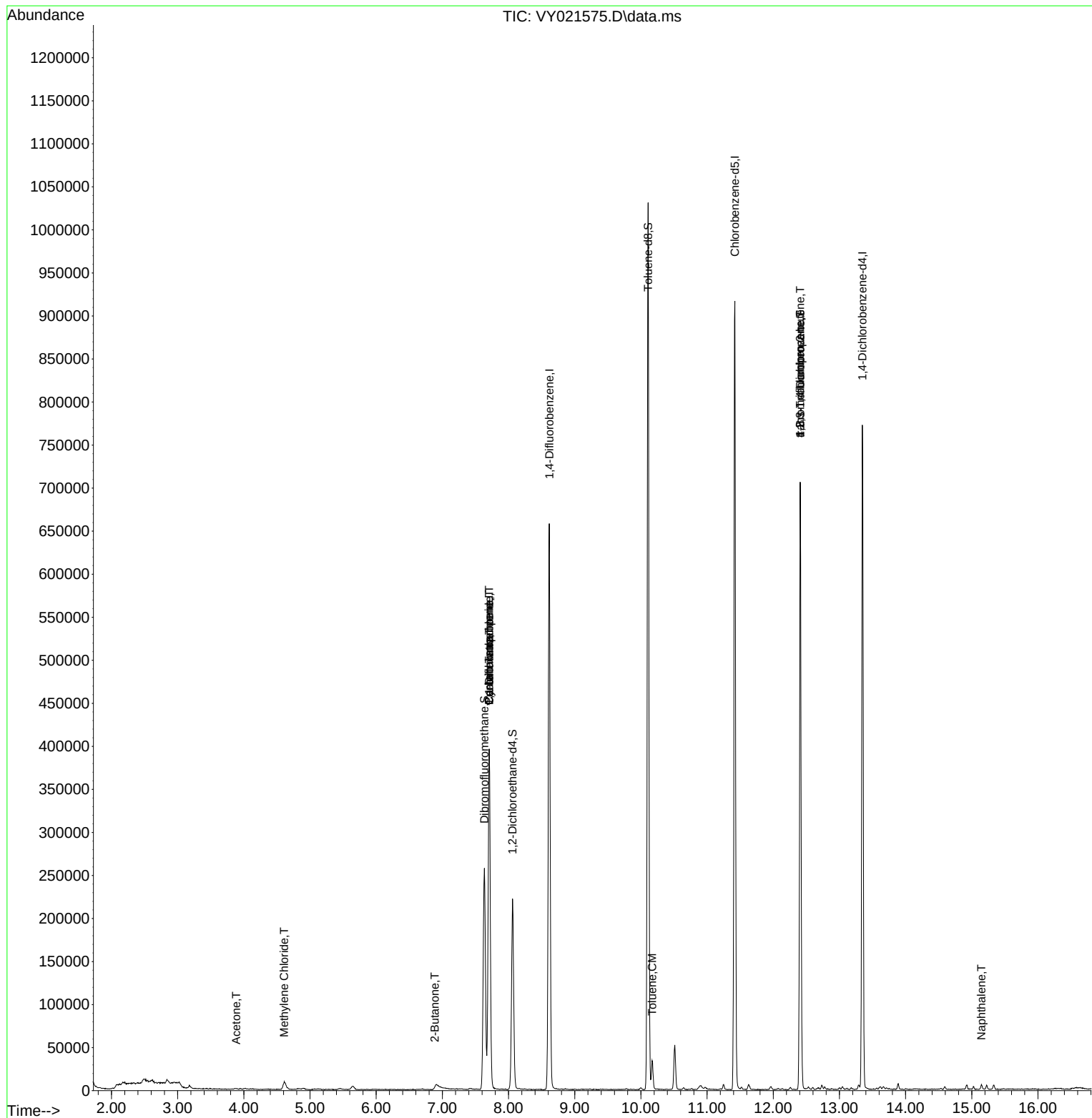
Internal Standards						
1) Pentafluorobenzene	7.707	168	297160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	543041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	482322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	191152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	172571	54.945	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.880%			
35) Dibromofluoromethane	7.634	113	180987	50.704	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.400%			
50) Toluene-d8	10.109	98	649651	48.068	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.140%			
62) 4-Bromofluorobenzene	12.408	95	202436	44.033	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.060%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	484	Below Cal	#	83
16) Acetone	3.885	43	1551	2.264	ug/l	98
20) Methylene Chloride	4.610	84	5723	1.592	ug/l	96
25) 2-Butanone	6.884	43	1745	1.841	ug/l	100
31) Cyclohexane	7.707	56	6886	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	24285	4.346	ug/l #	50
38) Carbon Tetrachloride	7.707	117	30286	4.713	ug/l #	19
52) Toluene	10.170	92	12610	1.215	ug/l	99
76) 1,2,3-Trichloropropane	12.408	75	108480	56.318	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	108480	128.028	ug/l #	9
95) Naphthalene	15.145	128	4051	2.230	ug/l #	93

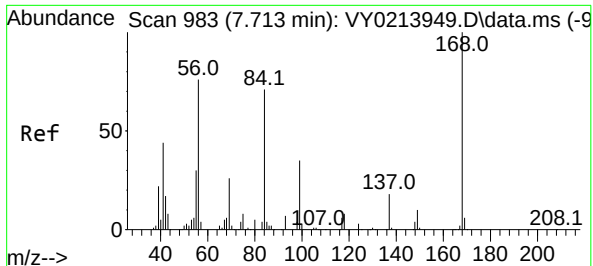
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
Data File : VY021575.D
Acq On : 20 Mar 2025 12:13
Operator : SY/MD
Sample : VY0320SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

Quant Time: Mar 21 01:32:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

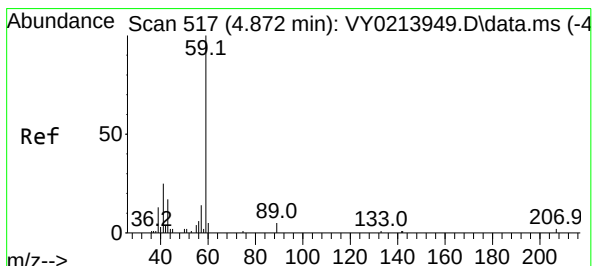
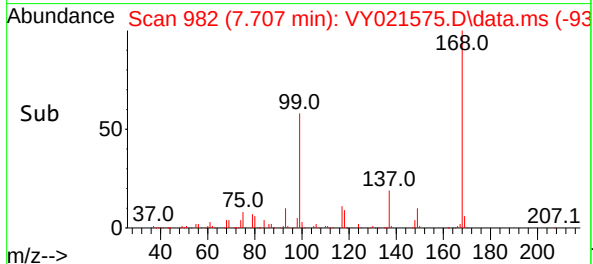
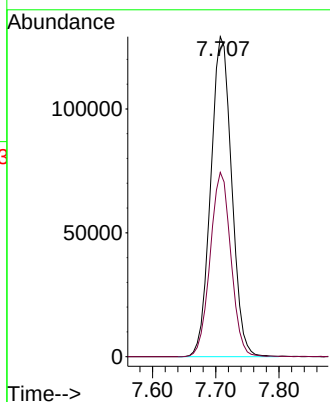
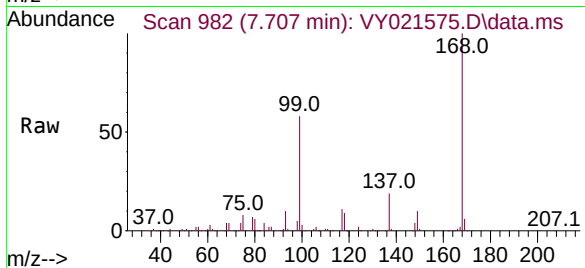




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

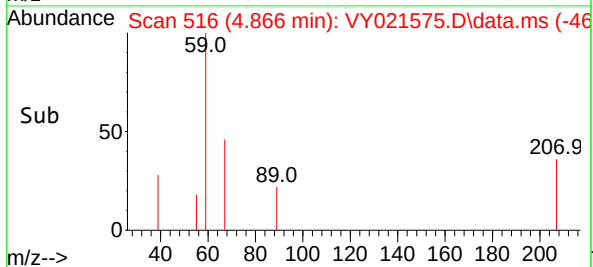
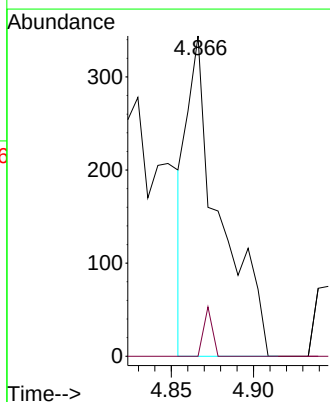
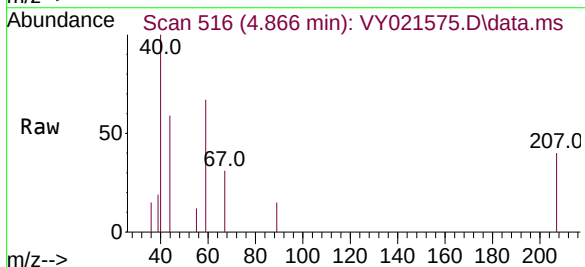
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

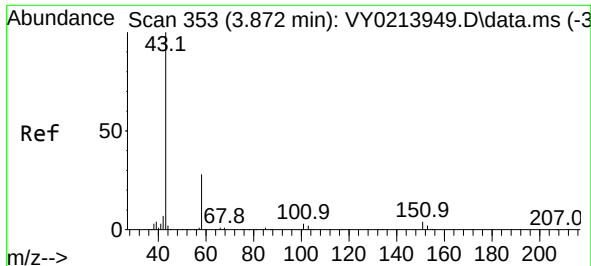
Tgt Ion:168 Resp: 297160
Ion Ratio Lower Upper
168 100
99 57.6 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

Tgt Ion: 59 Resp: 484
Ion Ratio Lower Upper
59 100
57 3.9 8.2 12.4#

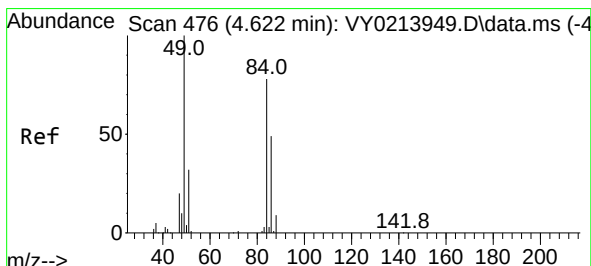
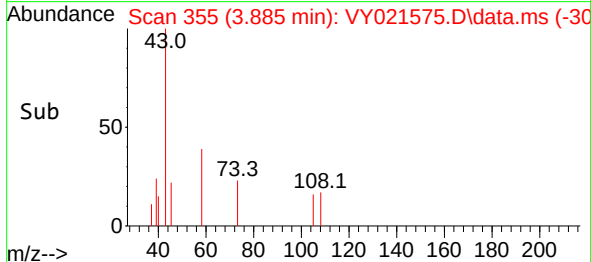
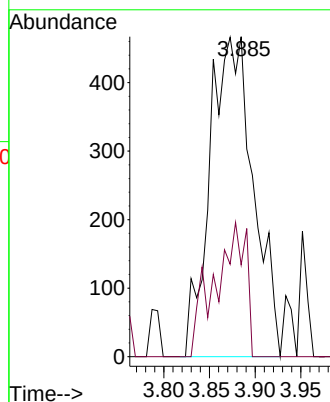
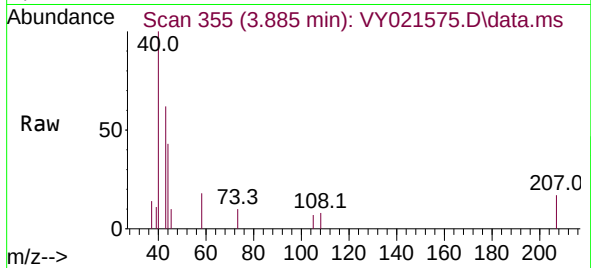




#16
Acetone
Concen: 2.264 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

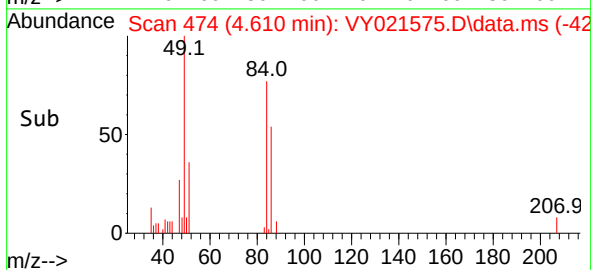
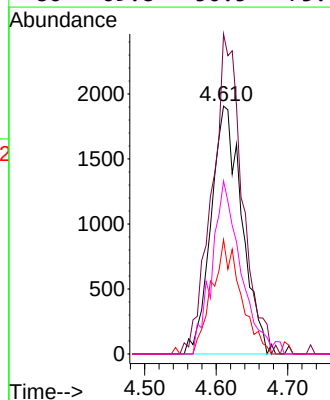
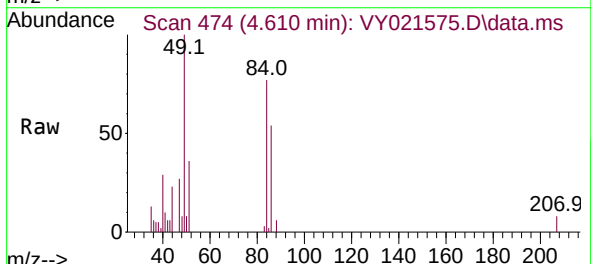
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

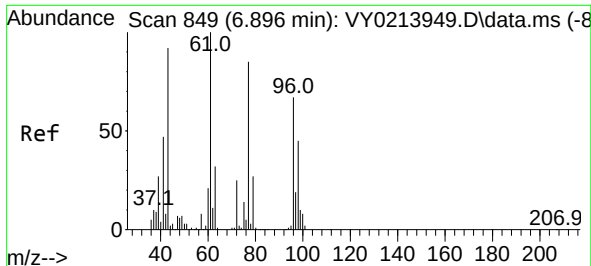
Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1



#20
Methylene Chloride
Concen: 1.592 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

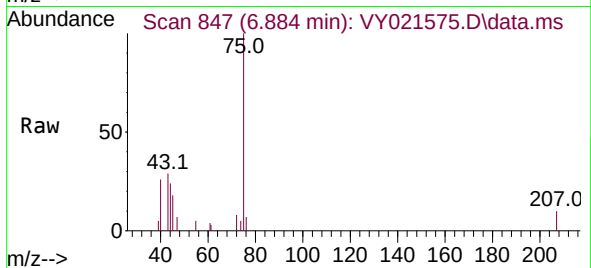
Tgt Ion: 84 Resp: 5723
Ion Ratio Lower Upper
84 100
49 129.1 102.0 153.0
51 46.1 33.0 49.6
86 69.8 50.5 75.7



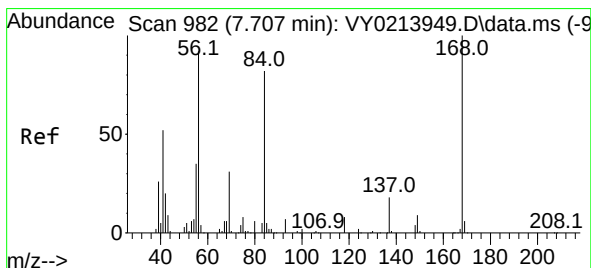
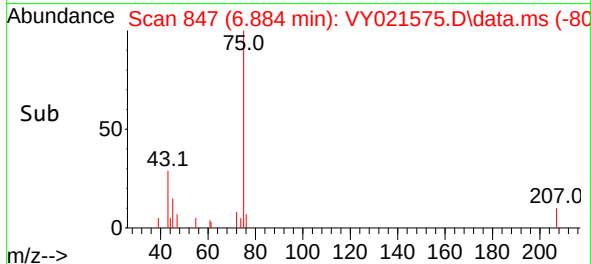
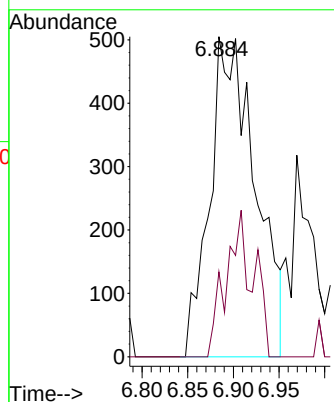


#25
2-Butanone
Concen: 1.841 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

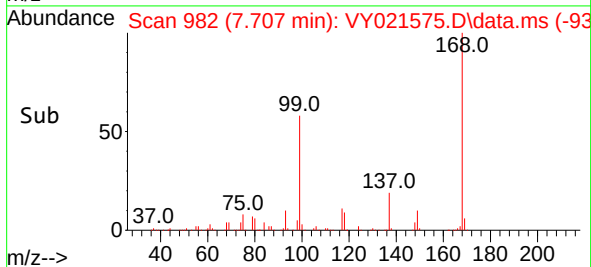
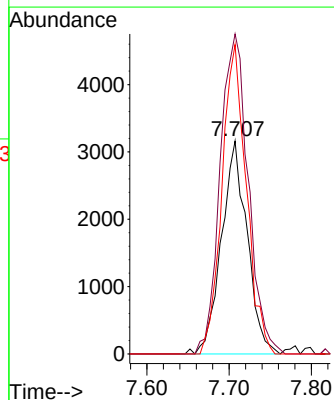
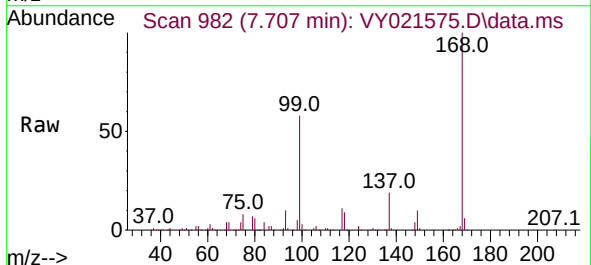


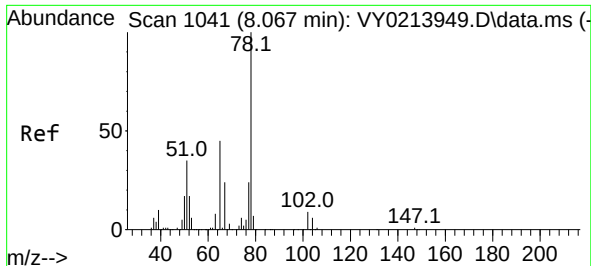
Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.0



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

Tgt Ion: 56 Resp: 6886
Ion Ratio Lower Upper
56 100
69 150.2 27.0 40.4#
84 145.3 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 54.945 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021575.D

Acq: 20 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

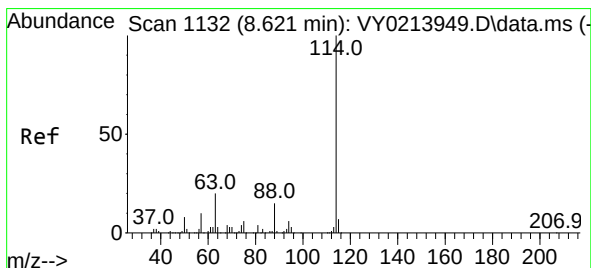
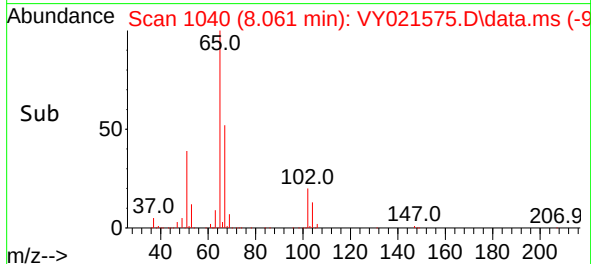
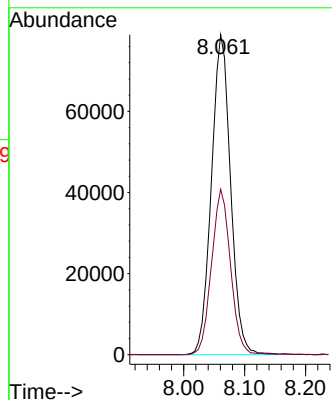
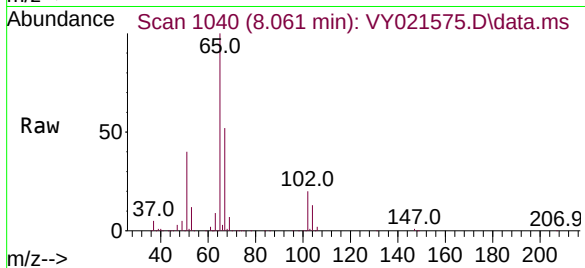
VY0320SBL01

Tgt Ion: 65 Resp: 172571

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021575.D

Acq: 20 Mar 2025 12:13

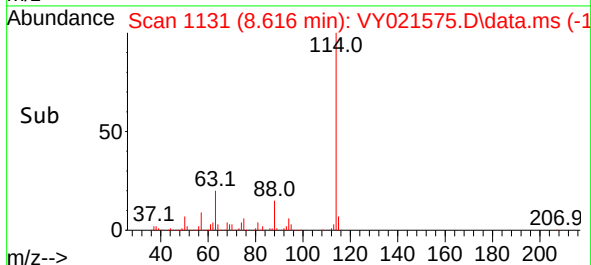
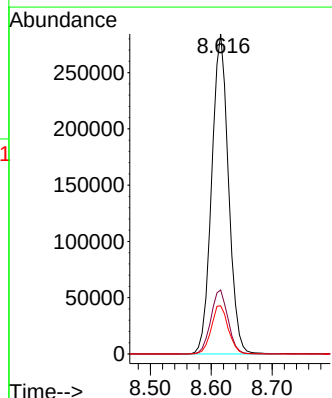
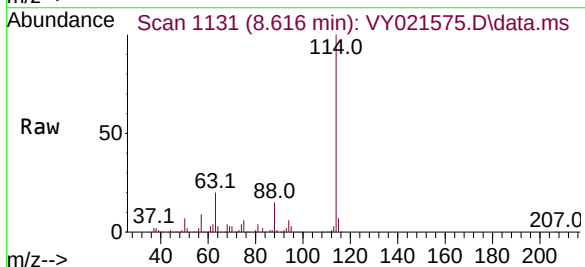
Tgt Ion:114 Resp: 543041

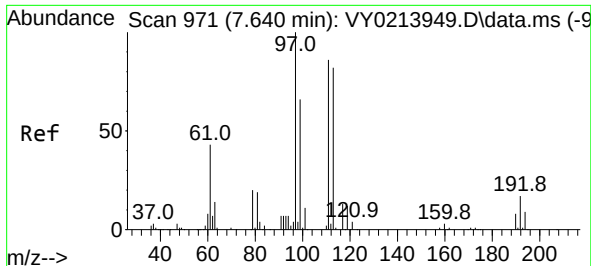
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.1 0.0 30.8

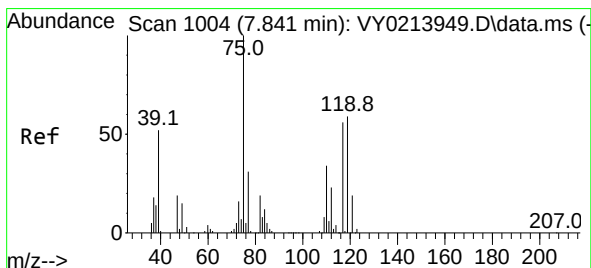
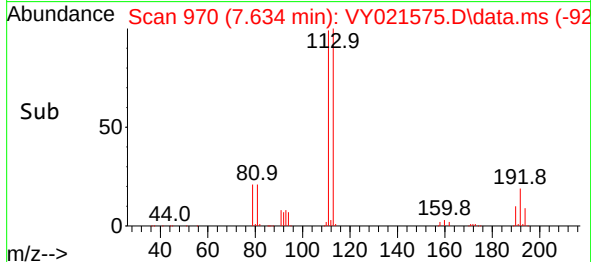
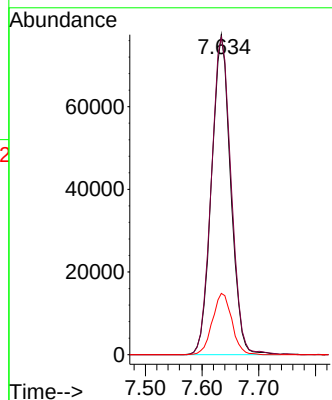
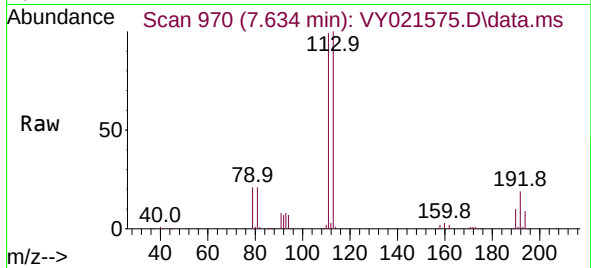




#35
Dibromofluoromethane
Concen: 50.704 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

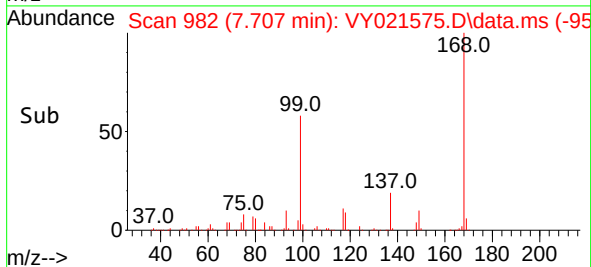
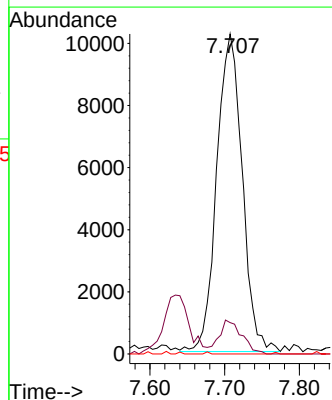
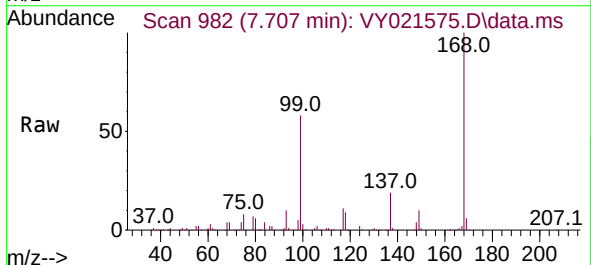
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

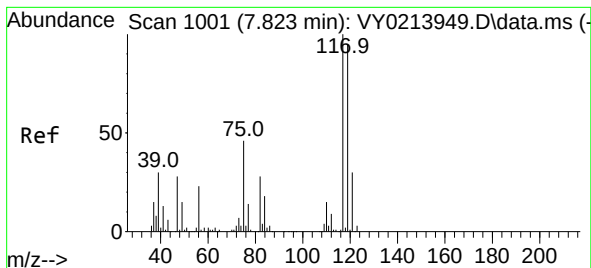
Tgt Ion:113 Resp: 180987
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

Tgt Ion: 75 Resp: 24285
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 4.713 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY021575.D

Acq: 20 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBL01

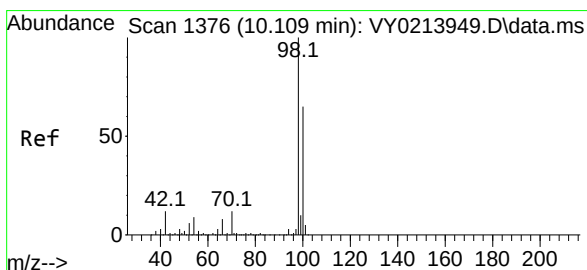
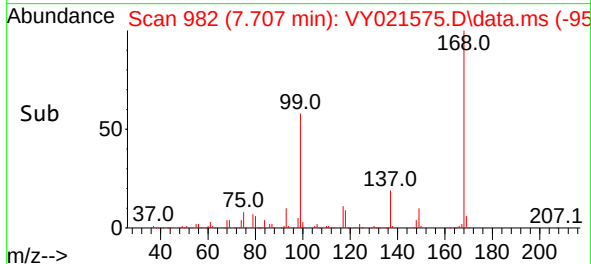
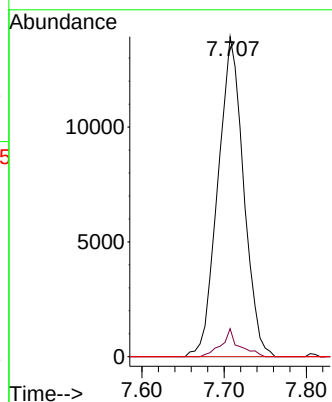
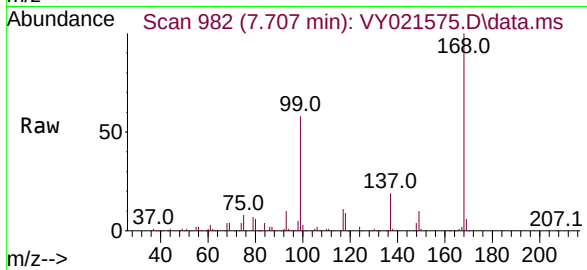
Tgt Ion:117 Resp: 30286

Ion Ratio Lower Upper

117 100

119 8.8 75.8 113.8#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 48.068 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021575.D

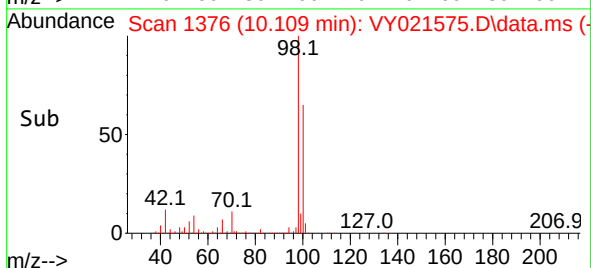
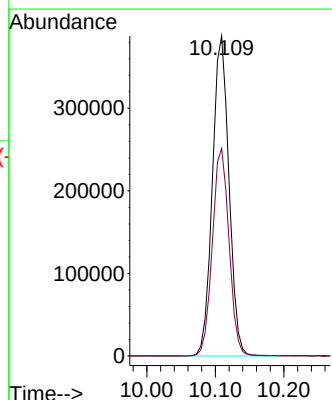
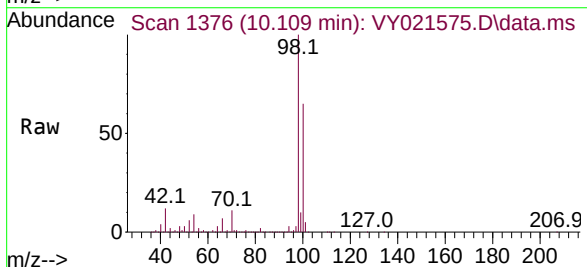
Acq: 20 Mar 2025 12:13

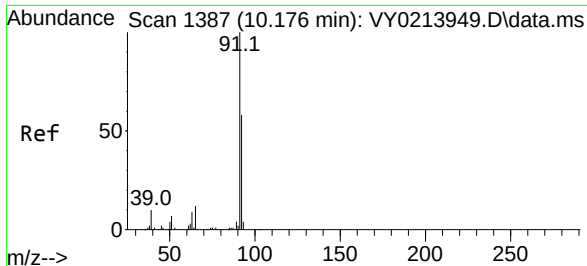
Tgt Ion: 98 Resp: 649651

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

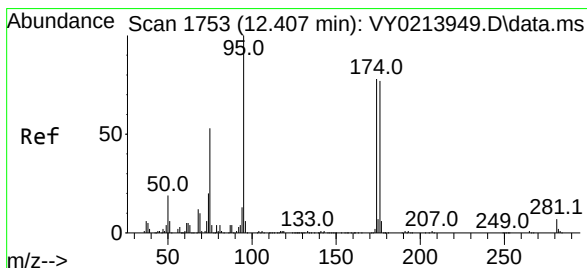
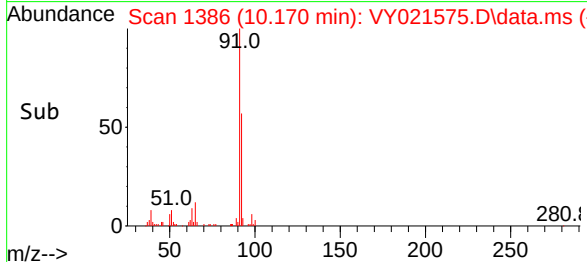
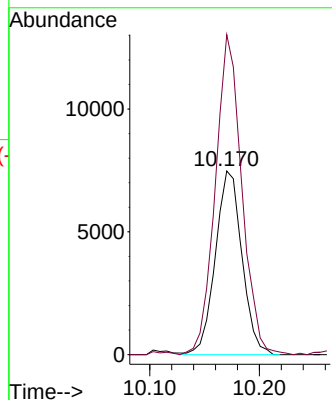
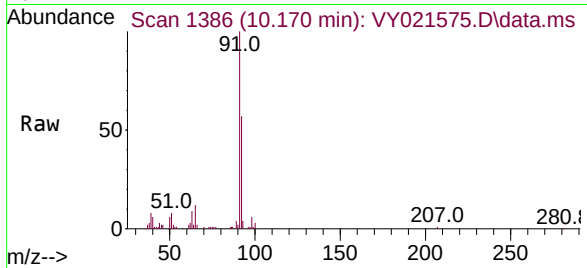




#52
Toluene
Concen: 1.215 ug/l
RT: 10.170 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

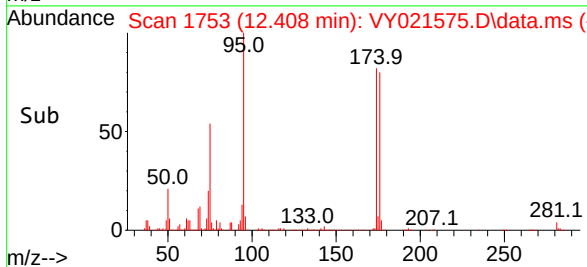
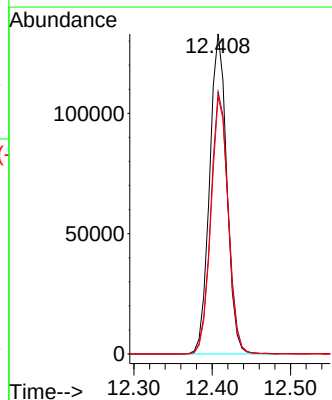
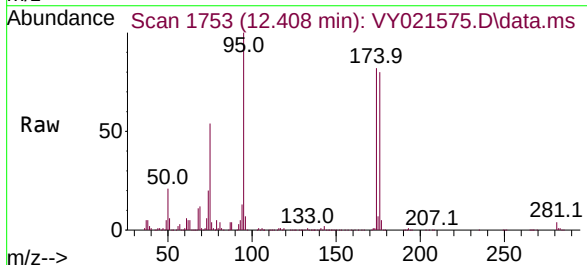
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

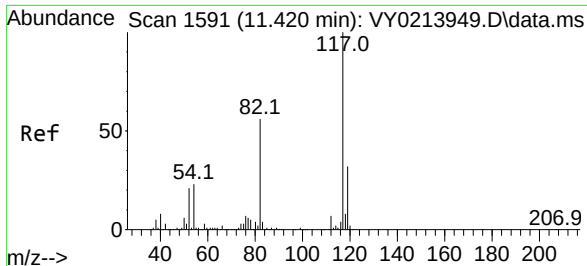
Tgt Ion: 92 Resp: 12610
Ion Ratio Lower Upper
92 100
91 173.4 138.2 207.2



#62
4-Bromofluorobenzene
Concen: 44.033 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

Tgt Ion: 95 Resp: 202436
Ion Ratio Lower Upper
95 100
174 83.3 0.0 165.0
176 80.3 0.0 160.0

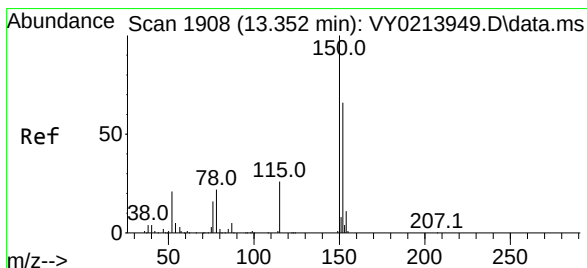
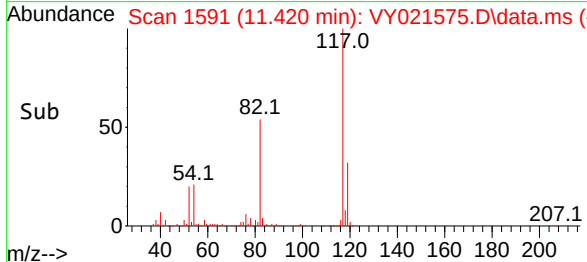
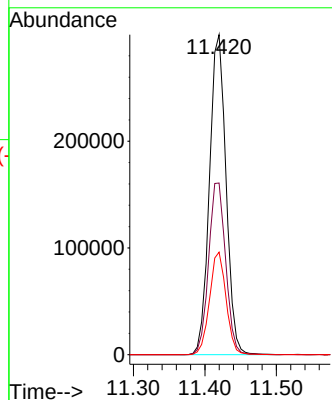
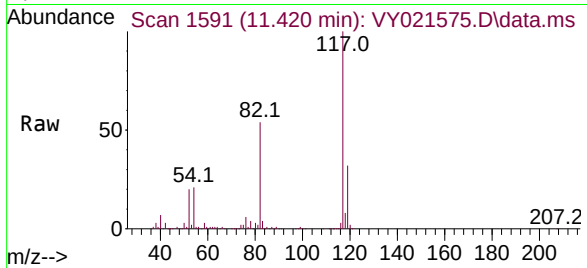




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

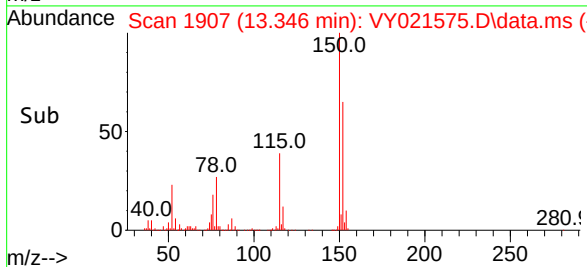
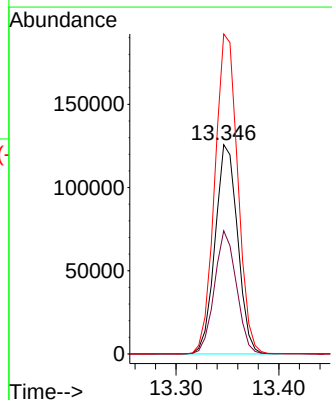
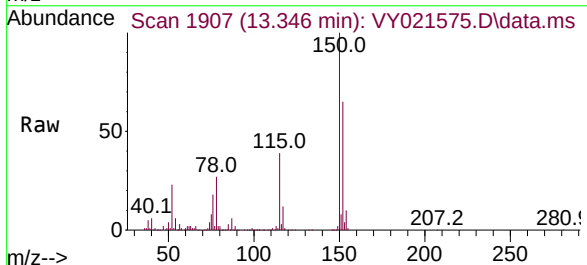
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

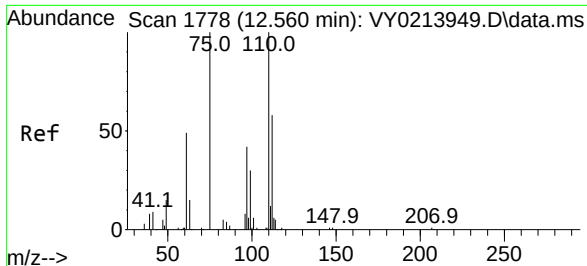
Tgt Ion:117 Resp: 482322
Ion Ratio Lower Upper
117 100
82 53.6 44.6 67.0
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021575.D
Acq: 20 Mar 2025 12:13

Tgt Ion:152 Resp: 191152
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.0
150 155.9 0.0 347.2





#76

1,2,3-Trichloropropane

Concen: 56.318 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021575.D

Acq: 20 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

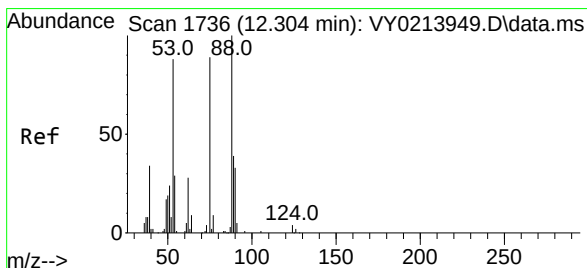
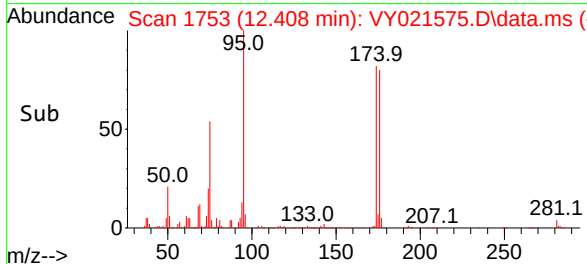
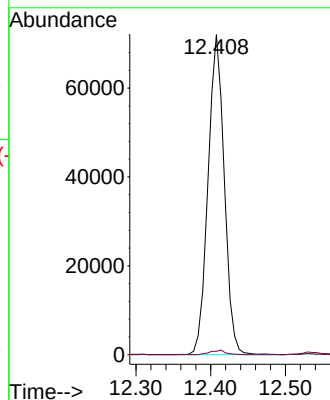
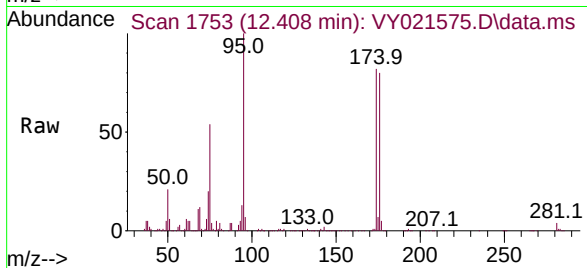
VY0320SBL01

Tgt Ion: 75 Resp: 108480

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.028 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY021575.D

Acq: 20 Mar 2025 12:13

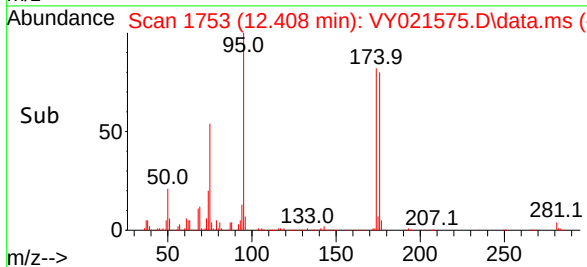
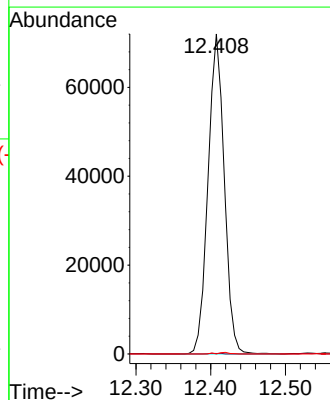
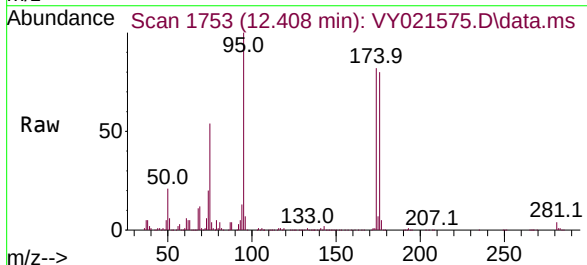
Tgt Ion: 75 Resp: 108480

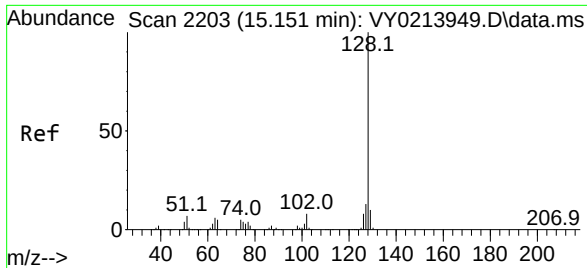
Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.4#

89 0.3 36.9 55.3#





#95

Naphthalene

Concen: 2.230 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021575.D

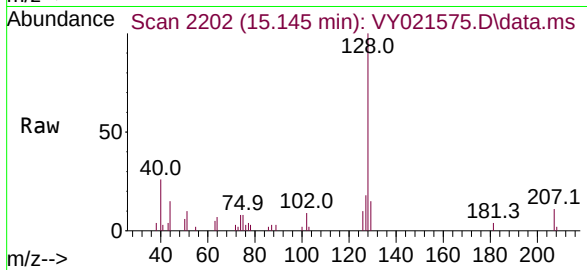
Acq: 20 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBL01



Tgt Ion:128 Resp: 4051

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 15.2 8.6 13.0#

