

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020942.D
 Acq On : 27 Jan 2025 12:16
 Operator : SY/MD
 Sample : Q1183-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 28 01:12:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

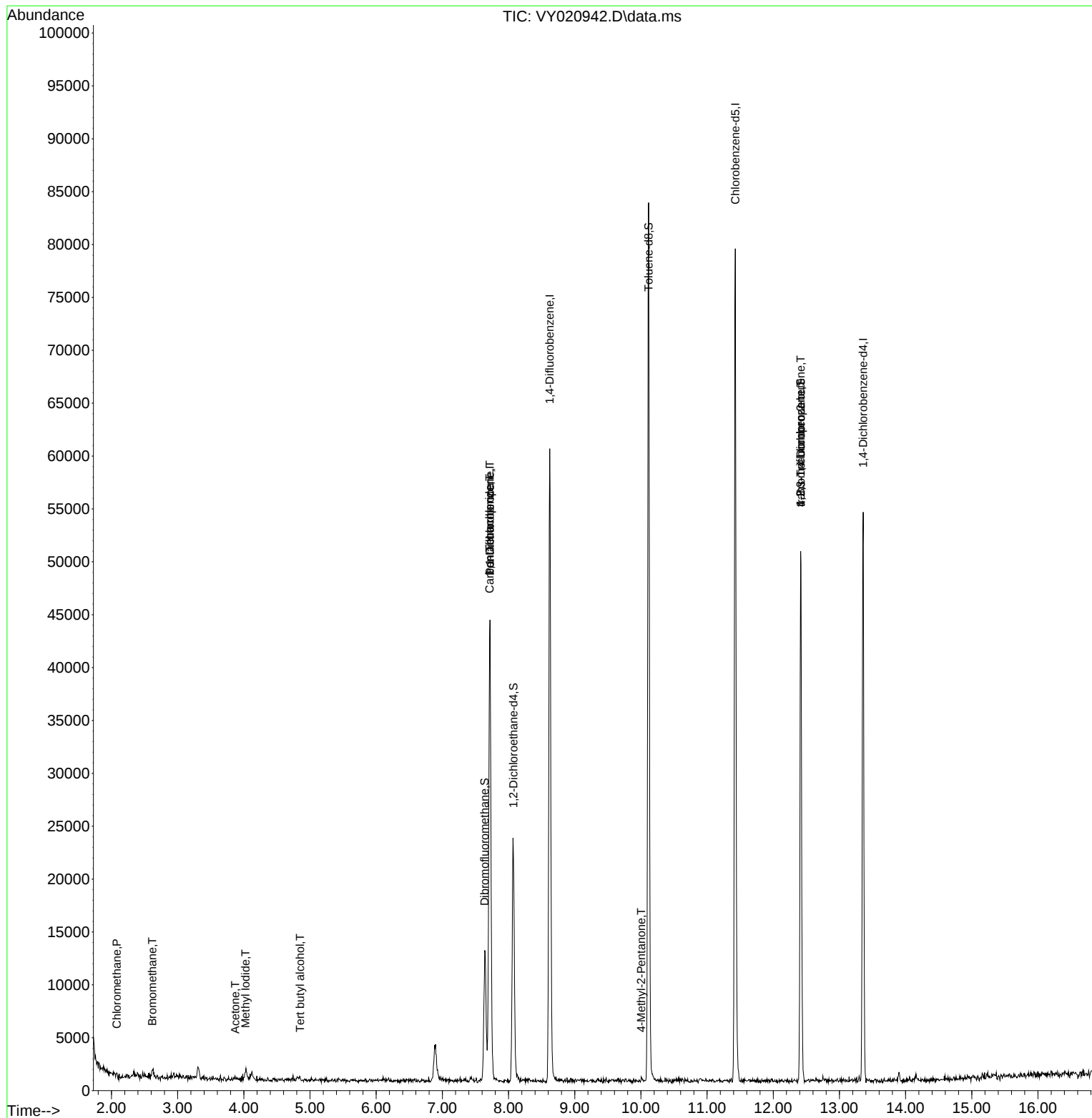
Internal Standards						
1) Pentafluorobenzene	7.719	168	36787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	54451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	46680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	15056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	18373	62.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.280%	
35) Dibromofluoromethane	7.640	113	9228	29.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 59.040%	
50) Toluene-d8	10.115	98	57974	47.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.620%	
62) 4-Bromofluorobenzene	12.414	95	16713	41.417	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	323	1.561	ug/l	99
5) Bromomethane	2.617	94	485	3.175	ug/l	94
10) Methyl Iodide	4.025	142	1560	4.140	ug/l #	98
11) Tert butyl alcohol	4.848	59	69	3.047	ug/l #	74
16) Acetone	3.873	43	474	11.928	ug/l #	87
36) 1,1-Dichloropropene	7.719	75	2440	5.591	ug/l #	51
38) Carbon Tetrachloride	7.713	117	3402	6.464	ug/l #	15
51) 4-Methyl-2-Pentanone	10.006	43	294	1.816	ug/l #	83
76) 1,2,3-Trichloropropane	12.414	75	8434	79.228	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	8434	153.069	ug/l #	15

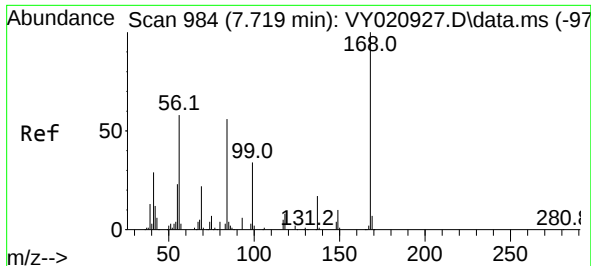
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
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Quant Time: Jan 28 01:12:04 2025
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Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

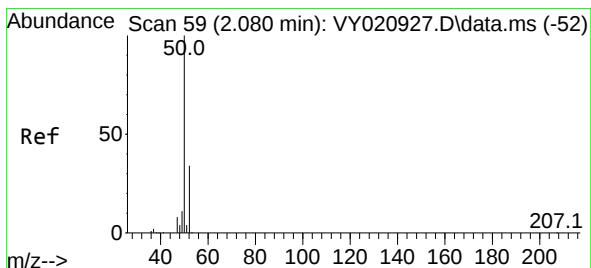
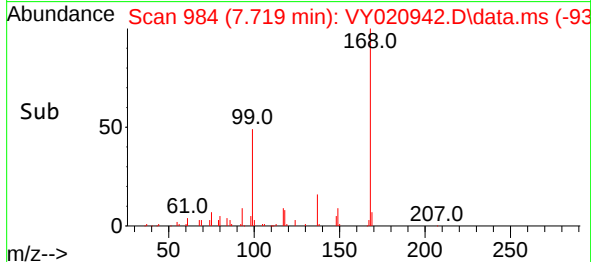
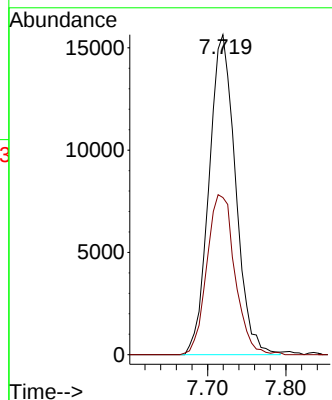
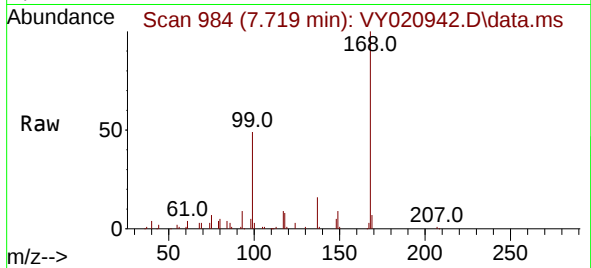




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

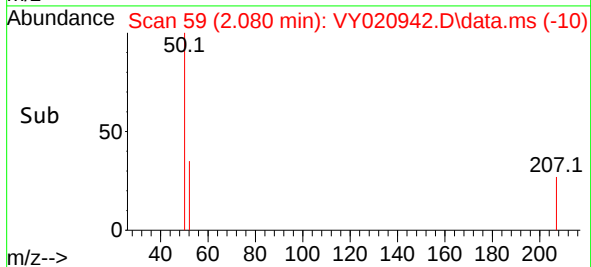
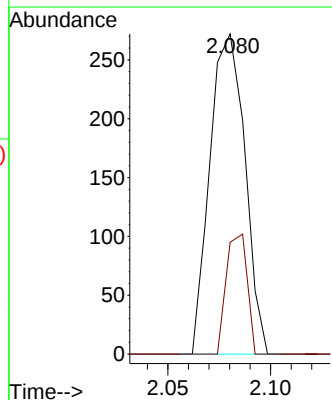
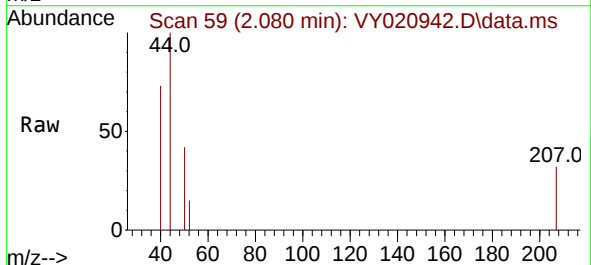
Instrument :
MSVOA_Y
ClientSampleId :

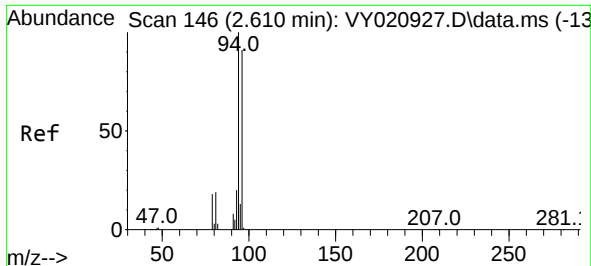
Tgt Ion:168 Resp: 36787
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.6



#3
Chloromethane
Concen: 1.561 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 34.9 27.4 41.0

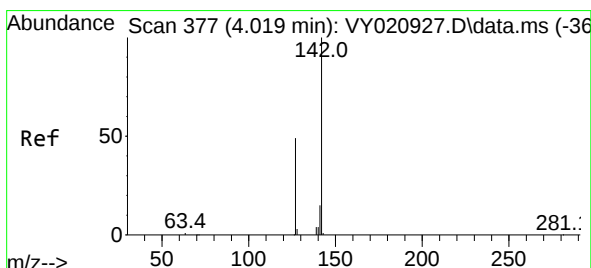
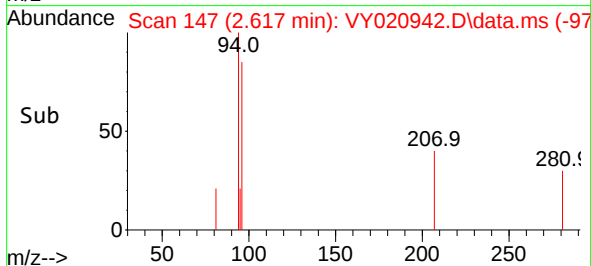
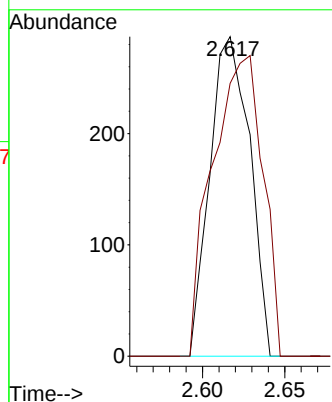
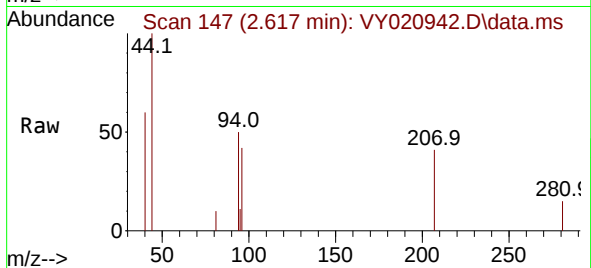




#5
Bromomethane
Concen: 3.175 ug/l
RT: 2.617 min Scan# 146
Delta R.T. 0.006 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

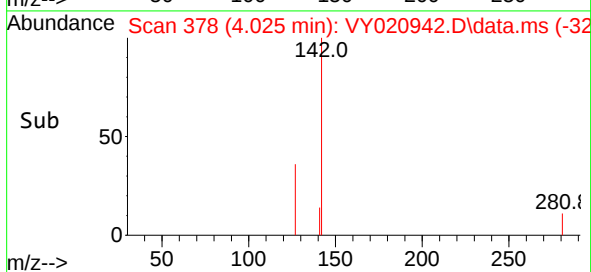
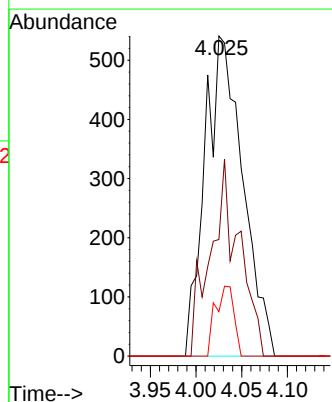
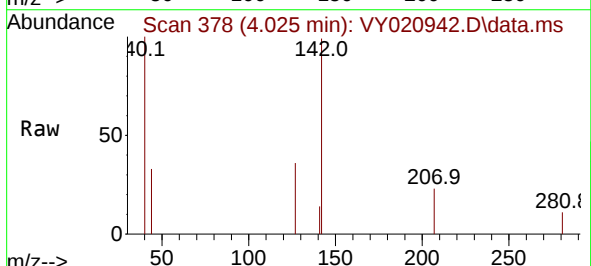
Instrument :
MSVOA_Y
ClientSampleId :

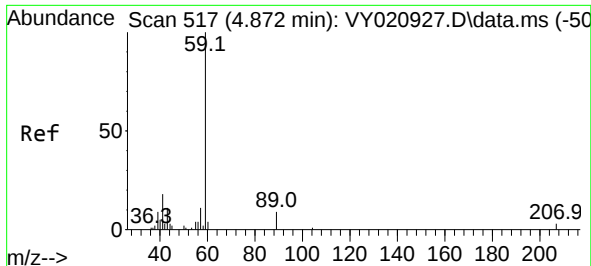
Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 85.4 72.6 109.0



#10
Methyl Iodide
Concen: 4.140 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

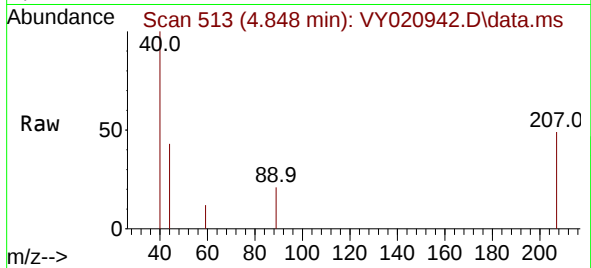
Tgt Ion:142 Resp: 1560
Ion Ratio Lower Upper
142 100
127 46.7 37.3 55.9
141 10.6 11.4 17.2#



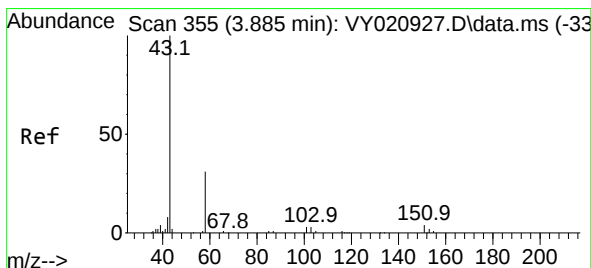
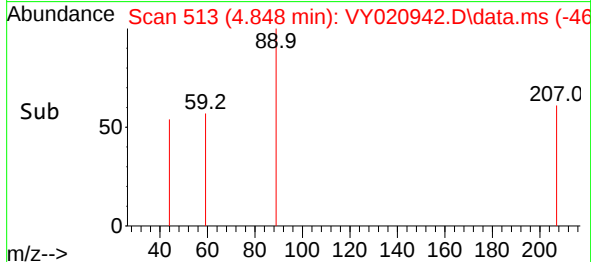
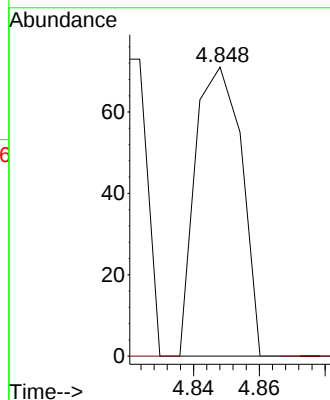


#11
Tert butyl alcohol
Concen: 3.047 ug/l
RT: 4.848 min Scan# 517
Delta R.T. -0.024 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :

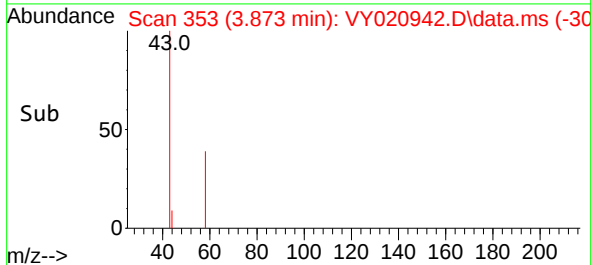
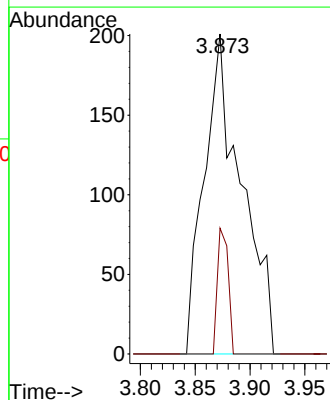
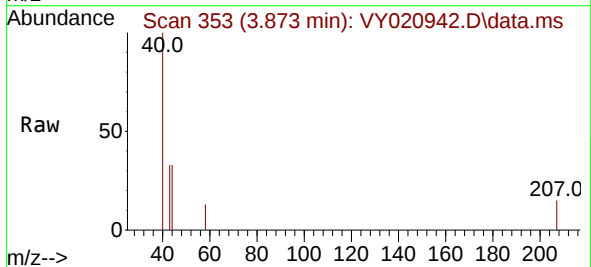


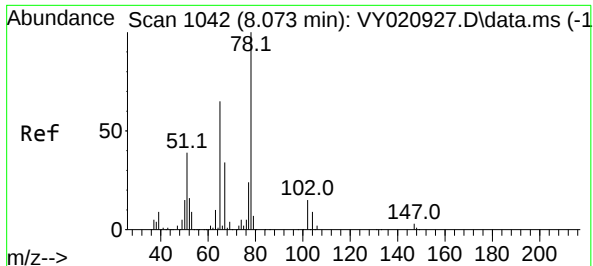
Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 11.928 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
58 39.3 25.6 38.4#





#33

1,2-Dichloroethane-d4

Concen: 62.641 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

Instrument :

MSVOA_Y

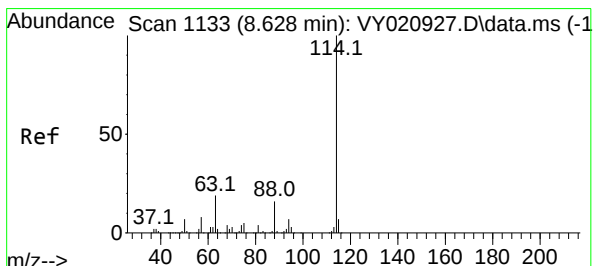
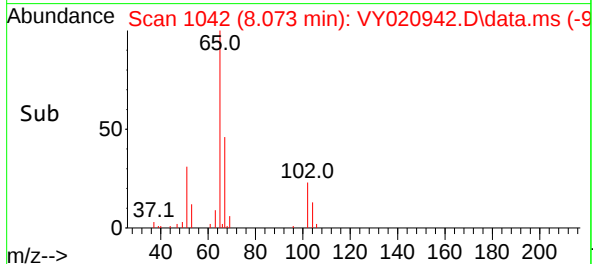
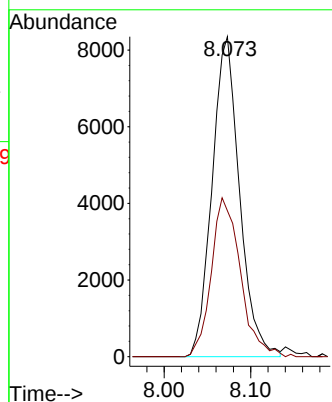
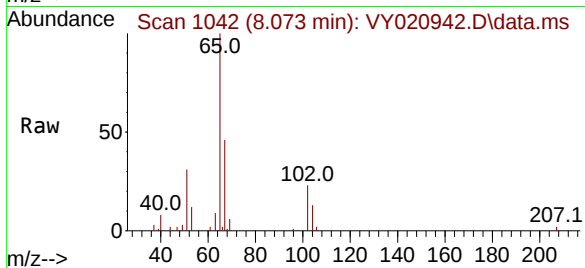
ClientSampleId :

Tgt Ion: 65 Resp: 18373

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

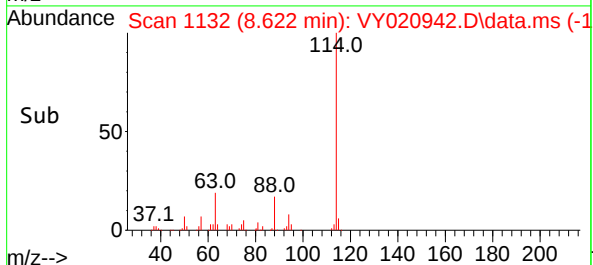
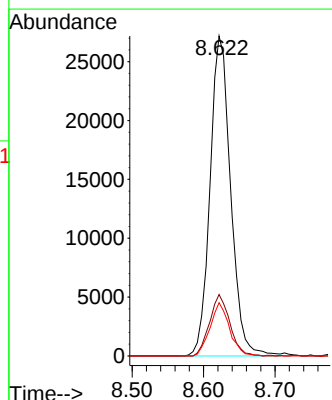
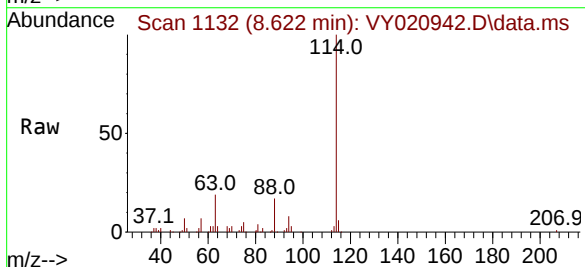
Tgt Ion: 114 Resp: 54451

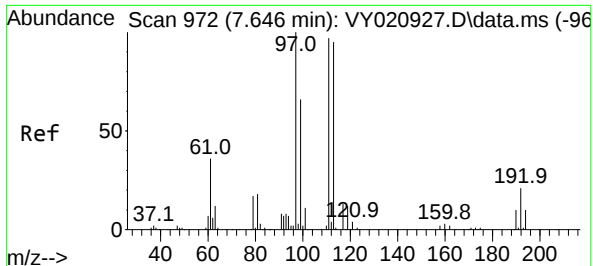
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

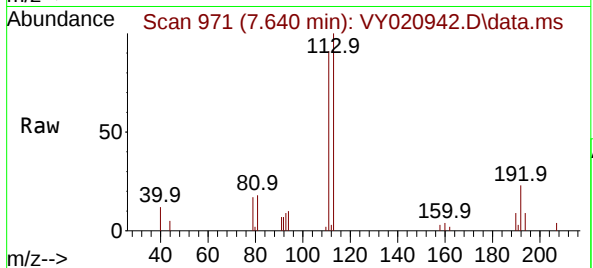
88 16.6 0.0 31.6



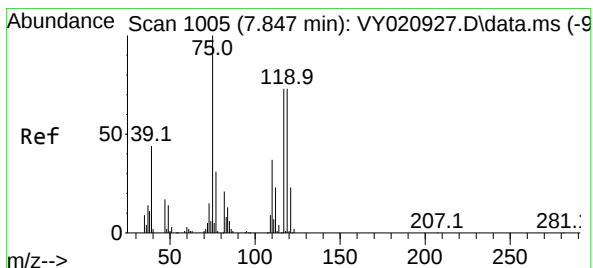
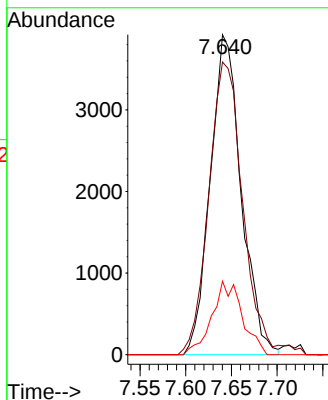
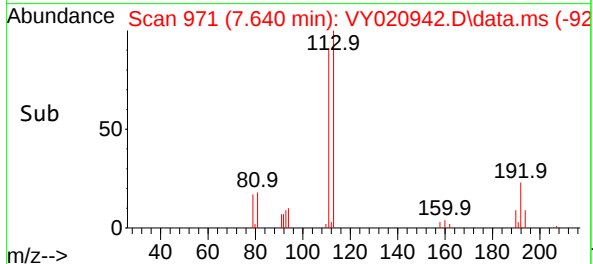


#35
Dibromofluoromethane
Concen: 29.521 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

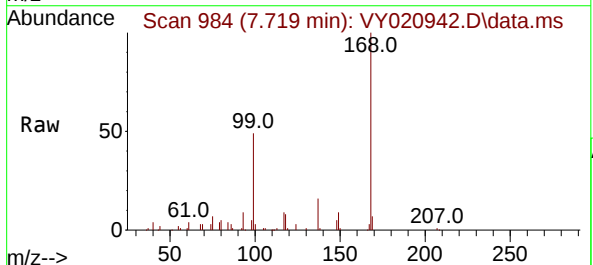
Instrument :
MSVOA_Y
ClientSampleId :



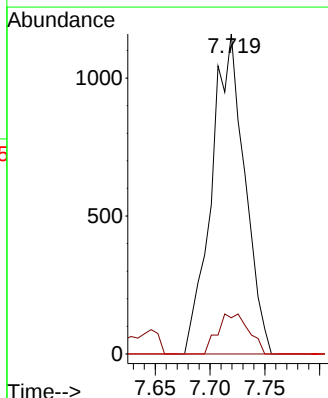
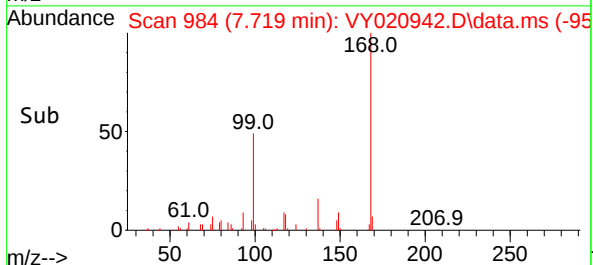
Tgt Ion:113 Resp: 9228
Ion Ratio Lower Upper
113 100
111 100.9 82.3 123.5
192 22.5 17.4 26.2

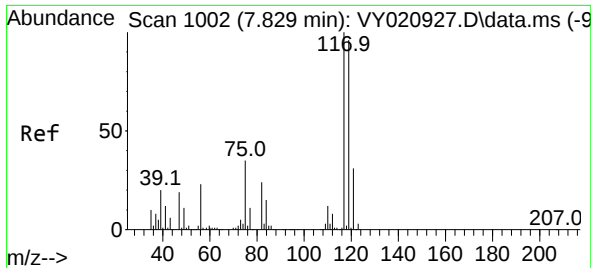


#36
1,1-Dichloropropene
Concen: 5.591 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.128 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16



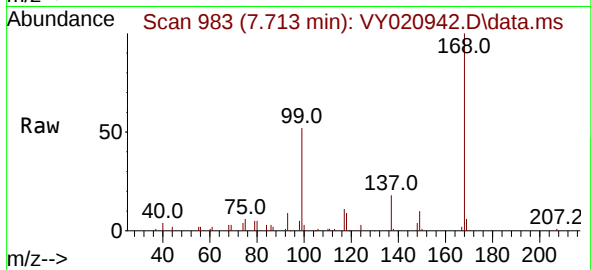
Tgt Ion: 75 Resp: 2440
Ion Ratio Lower Upper
75 100
110 11.8 18.5 55.5#
77 0.0 25.0 37.4#



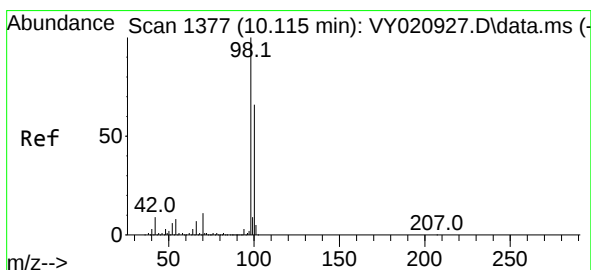
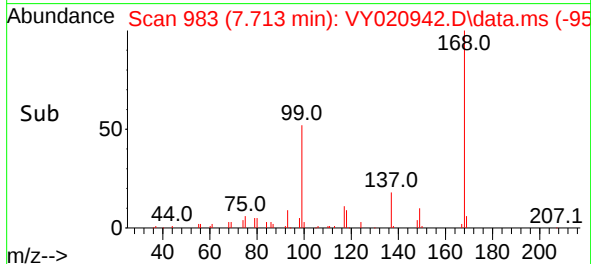
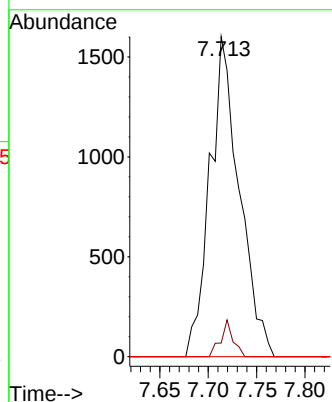


#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :

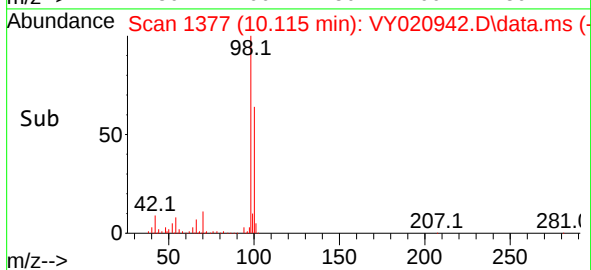
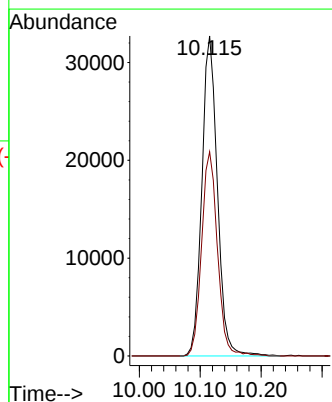
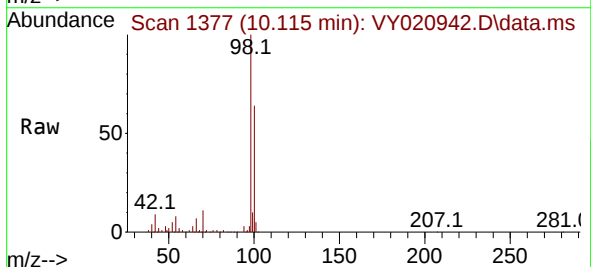


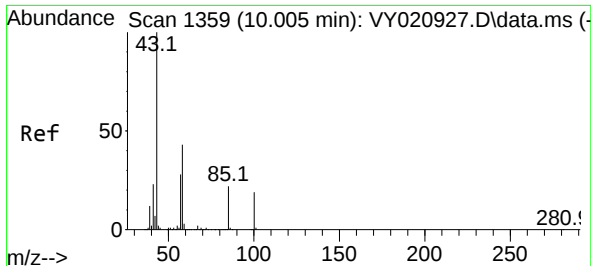
Tgt Ion:117 Resp: 3402
Ion Ratio Lower Upper
117 100
119 4.2 76.5 114.7#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.814 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Tgt Ion: 98 Resp: 57974
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

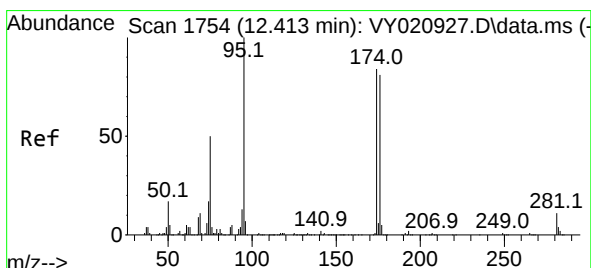
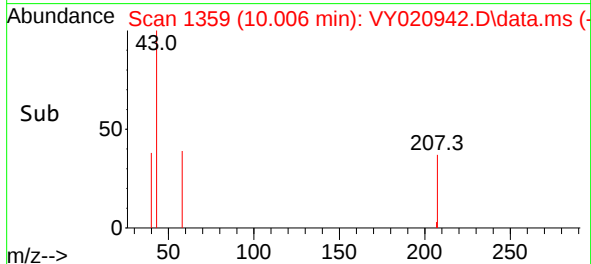
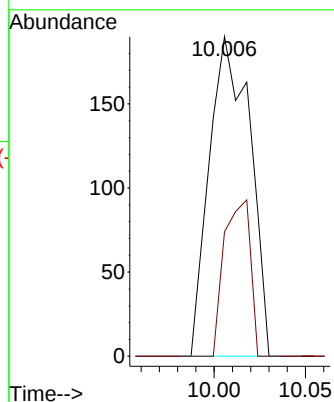
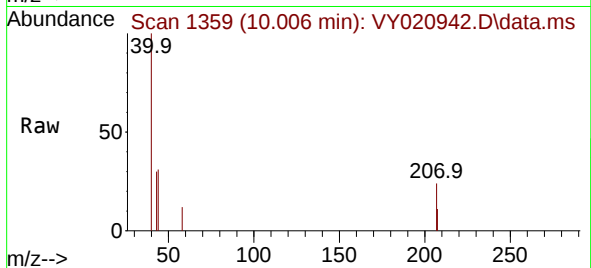




#51
4-Methyl-2-Pentanone
Concen: 1.816 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

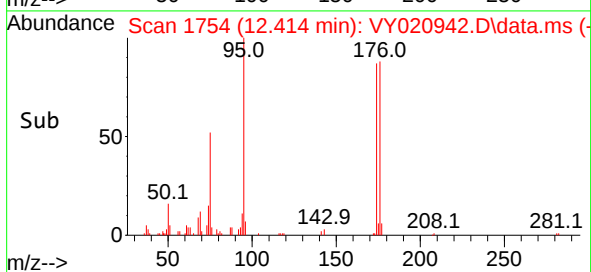
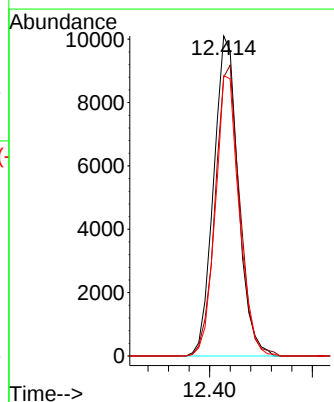
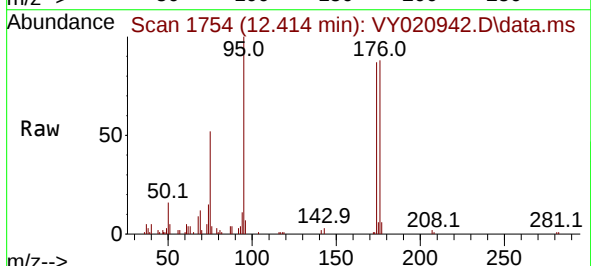
Instrument :
MSVOA_Y
ClientSampleId :

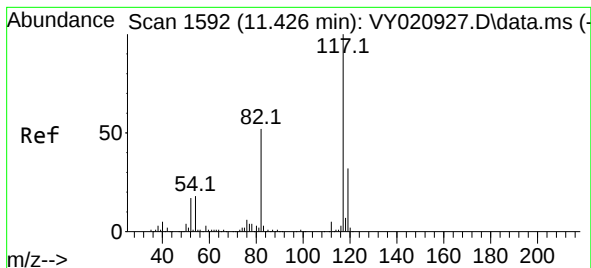
Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 31.6 33.7 50.5#



#62
4-Bromofluorobenzene
Concen: 41.417 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Tgt Ion: 95 Resp: 16713
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.4
176 85.2 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020942.D

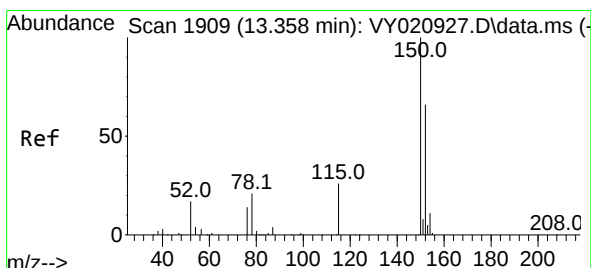
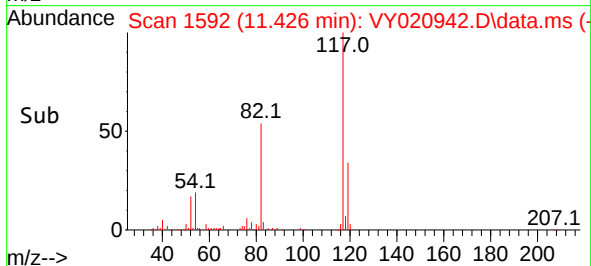
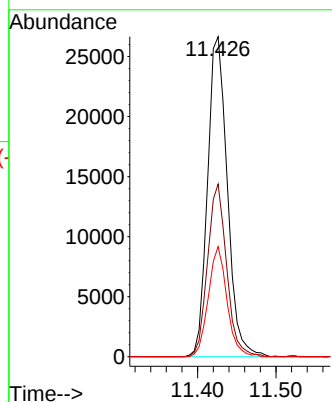
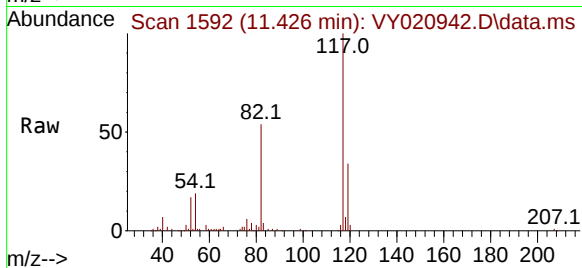
Acq: 27 Jan 2025 12:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	46680
Ion	Ratio	Lower Upper
117	100	
82	53.9	41.8 62.8
119	34.4	26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

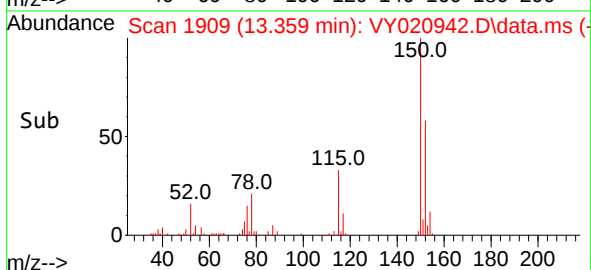
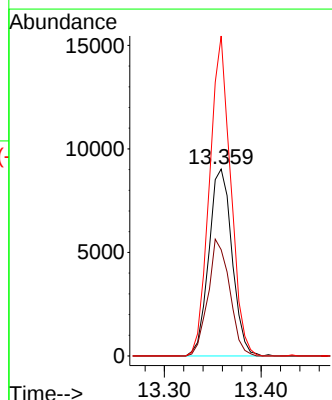
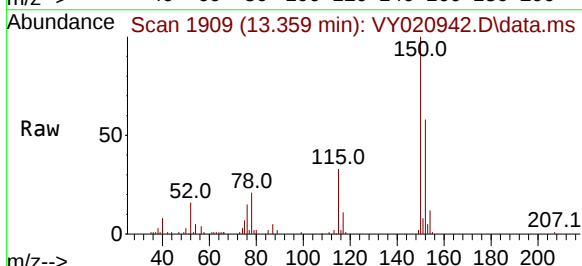
RT: 13.359 min Scan# 1909

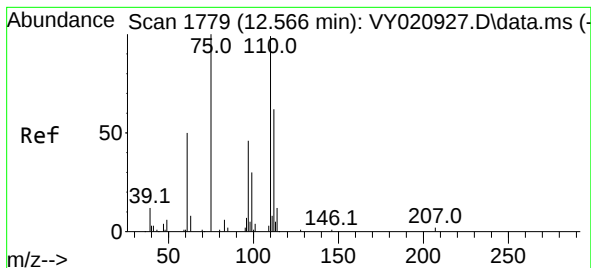
Delta R.T. 0.000 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

Tgt Ion:152	Resp:	15056
Ion	Ratio	Lower Upper
152	100	
115	58.2	29.0 87.0
150	155.9	0.0 347.6

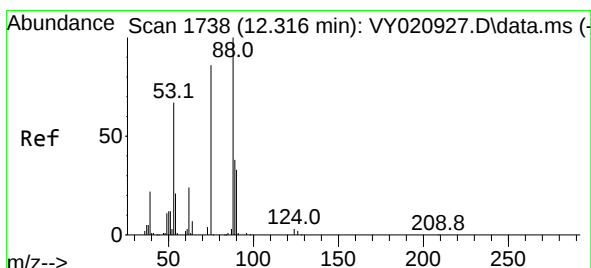
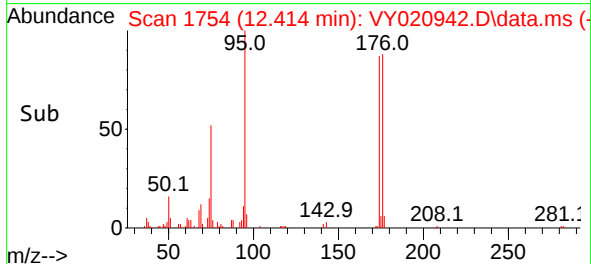
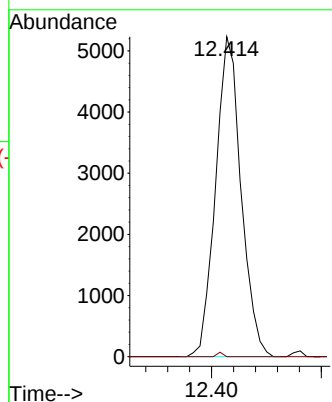
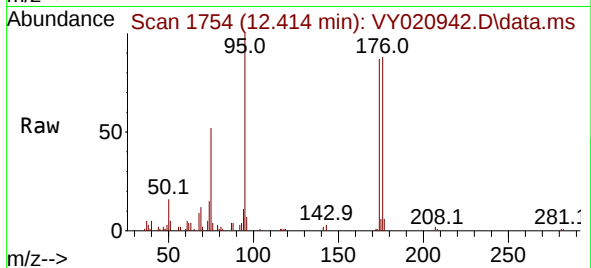




#76
1,2,3-Trichloropropane
Concen: 79.228 ug/l
RT: 12.414 min Scan# 1779
Delta R.T. -0.152 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8434
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.069 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.098 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Tgt Ion: 75 Resp: 8434
Ion Ratio Lower Upper
75 100
53 0.0 67.7 101.5#
89 0.0 38.4 57.6#

