

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021017.D
 Acq On : 31 Jan 2025 18:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:28:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	268600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	467662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	446168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	203387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138777	60.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.360%
35) Dibromofluoromethane	7.634	113	150211	53.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.109	98	557293	50.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.408	95	202345	54.952	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	109.900%

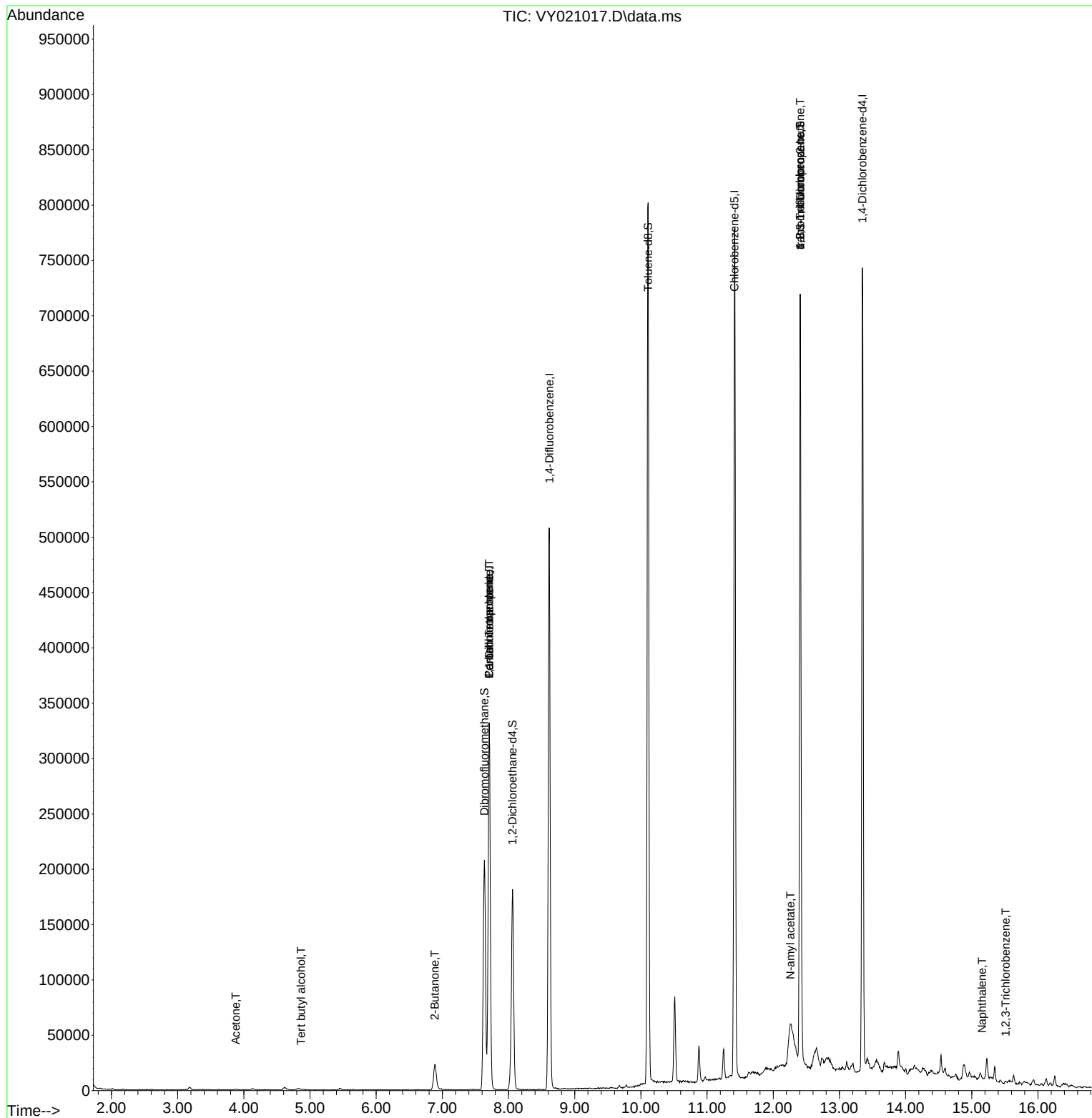
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.866	59	349	2.089	ug/l #	73
16) Acetone	3.879	43	1011	3.244	ug/l #	73
25) 2-Butanone	6.884	43	1150	2.175	ug/l	90
36) 1,1-Dichloropropene	7.707	75	17569	4.380	ug/l #	50
38) Carbon Tetrachloride	7.707	117	25415	5.120	ug/l #	17
74) N-amyl acetate	12.261	43	29788	11.452	ug/l #	50
76) 1,2,3-Trichloropropane	12.408	75	100061	62.147	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	100061	129.007	ug/l #	15
95) Naphthalene	15.157	128	1211	4.173	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.511	180	20	4.502	ug/l #	1

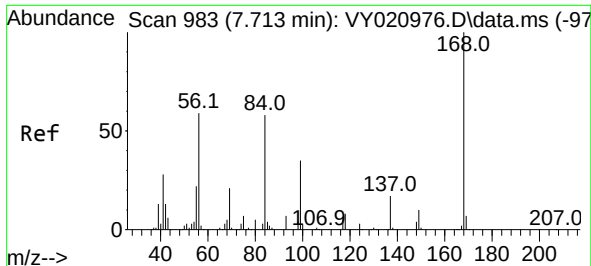
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021017.D
Acq On : 31 Jan 2025 18:03
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 22:28:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

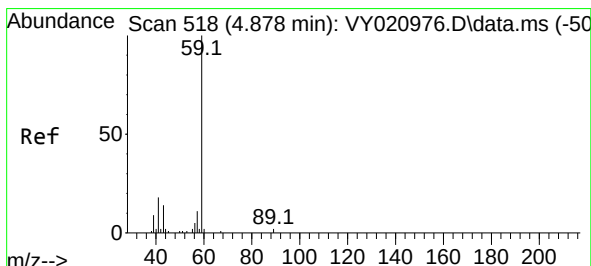
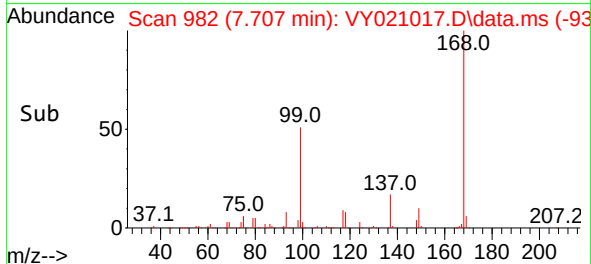
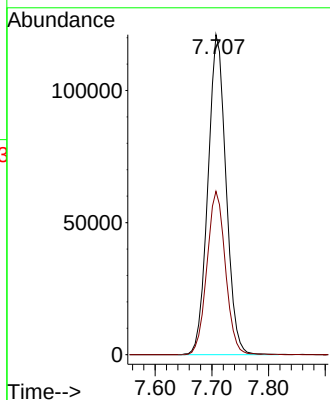
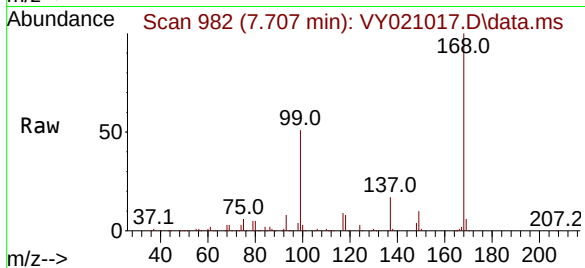




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

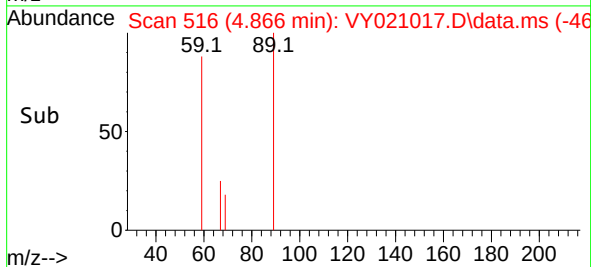
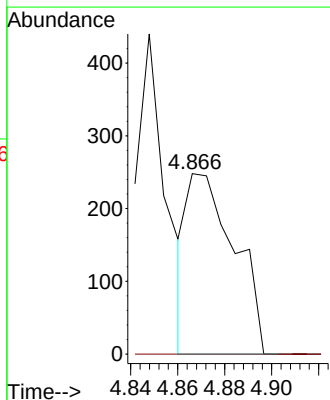
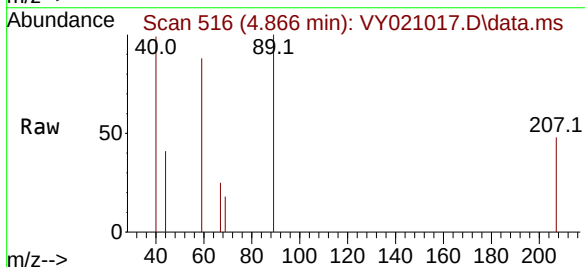
Instrument :
MSVOA_Y
ClientSampleId :

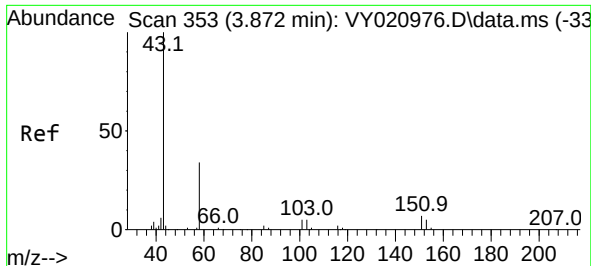
Tgt Ion:168 Resp: 268600
Ion Ratio Lower Upper
168 100
99 51.1 42.2 63.2



#11
Tert butyl alcohol
Concen: 2.089 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

Tgt Ion: 59 Resp: 349
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

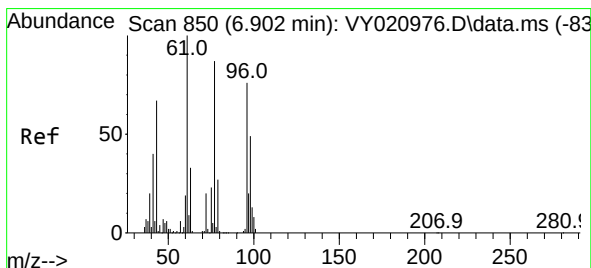
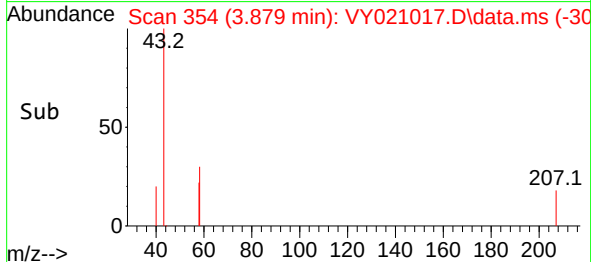
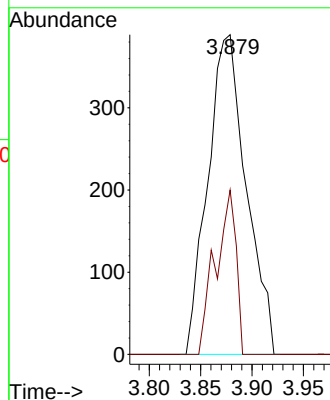
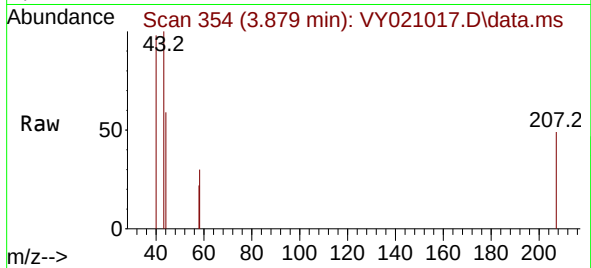




#16
Acetone
Concen: 3.244 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

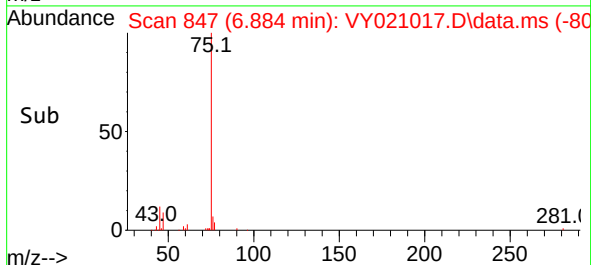
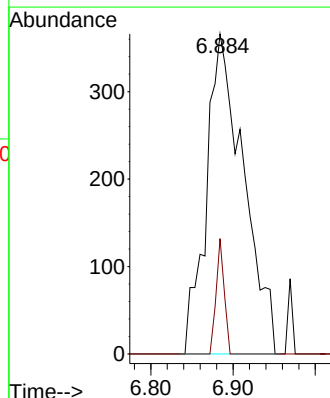
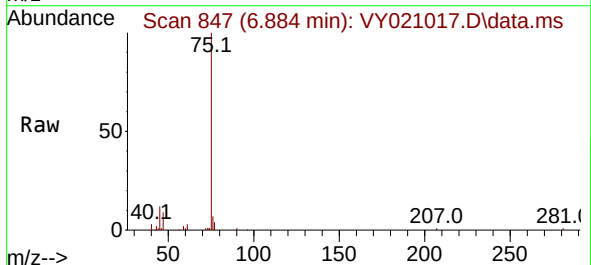
Instrument :
MSVOA_Y
ClientSampleId :

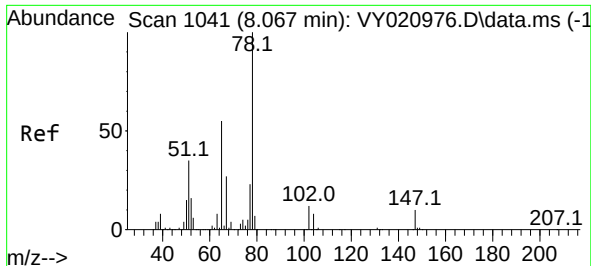
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 51.4 28.4 42.6#



#25
2-Butanone
Concen: 2.175 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
72 36.1 24.3 36.5





#33

1,2-Dichloroethane-d4

Concen: 60.684 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021017.D

Acq: 31 Jan 2025 18:03

Instrument :

MSVOA_Y

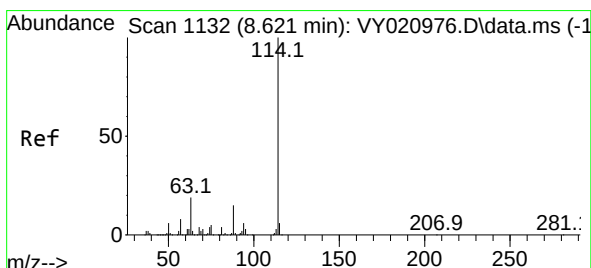
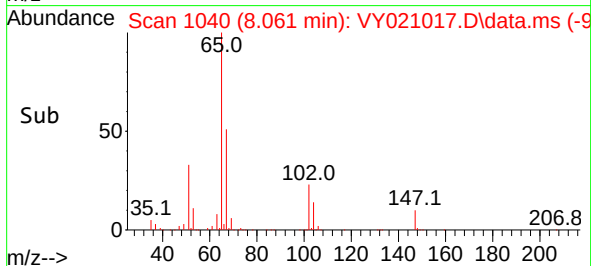
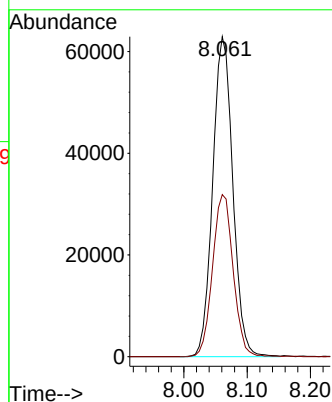
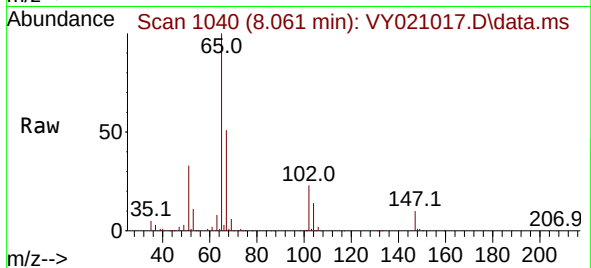
ClientSampleId :

Tgt Ion: 65 Resp: 138777

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021017.D

Acq: 31 Jan 2025 18:03

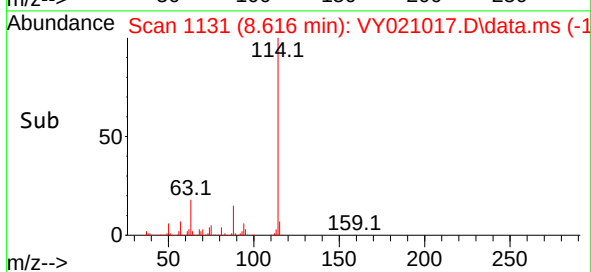
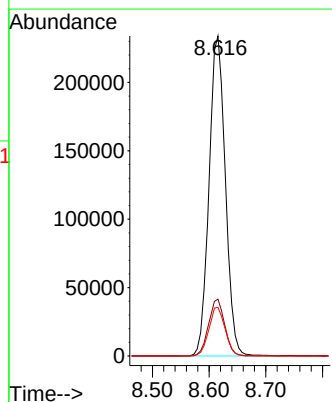
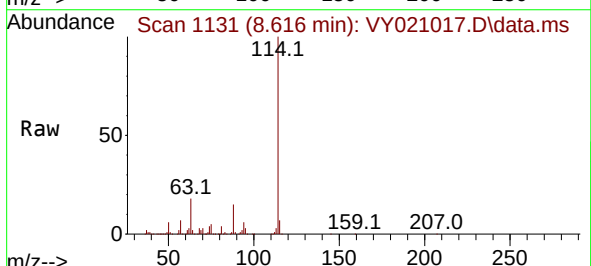
Tgt Ion:114 Resp: 467662

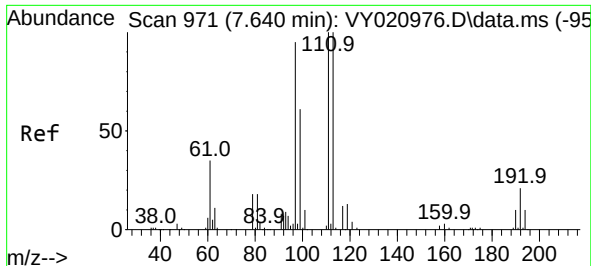
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.2

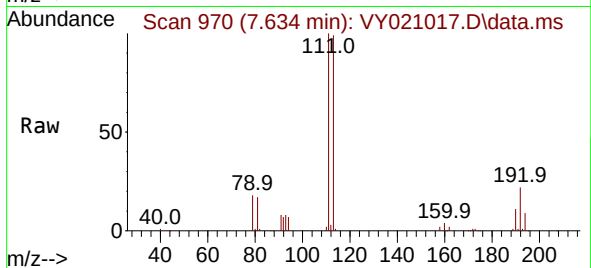
88 15.2 0.0 29.6



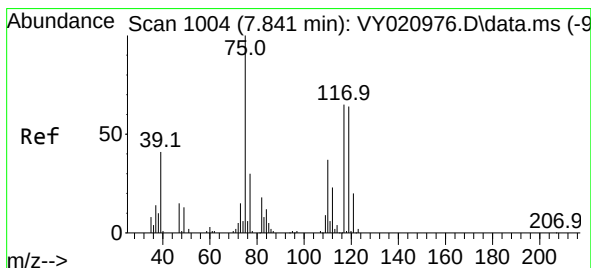
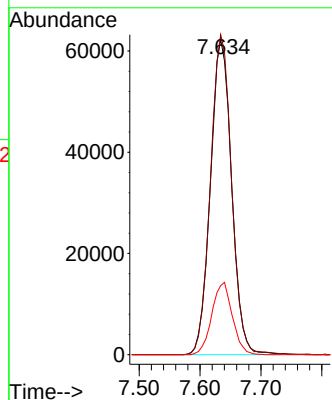
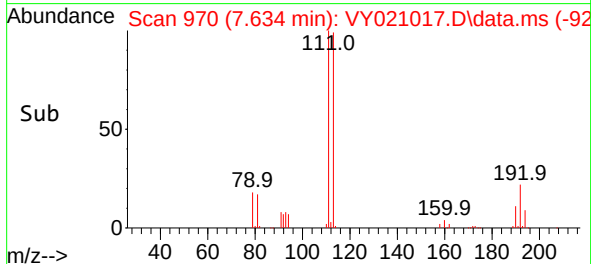


#35
Dibromofluoromethane
Concen: 53.427 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

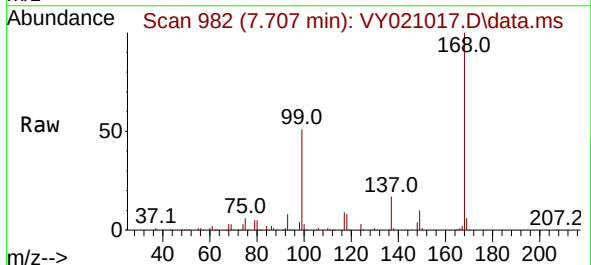
Instrument :
MSVOA_Y
ClientSampleId :



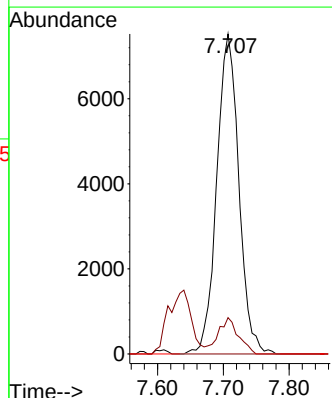
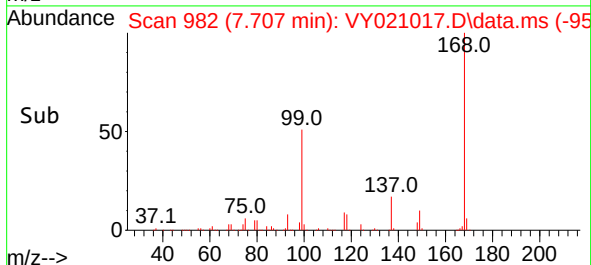
Tgt Ion:113 Resp: 150211
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 22.2 16.8 25.2

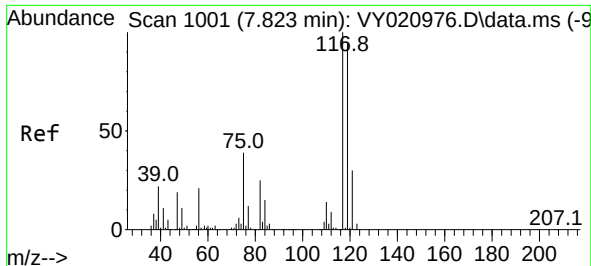


#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03



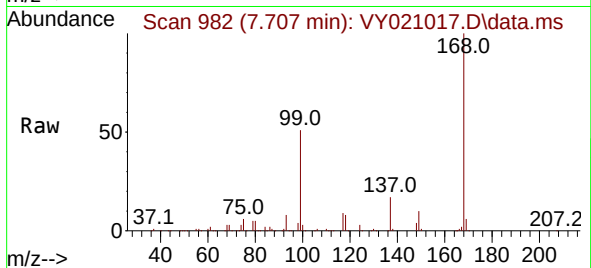
Tgt Ion: 75 Resp: 17569
Ion Ratio Lower Upper
75 100
110 10.5 18.4 55.2#
77 0.0 24.9 37.3#



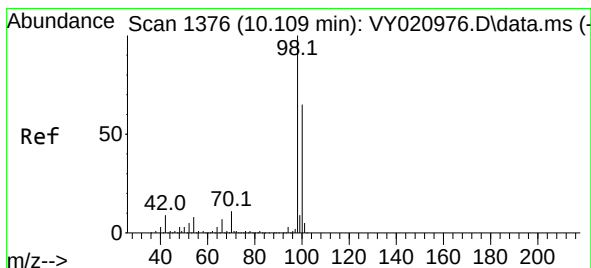
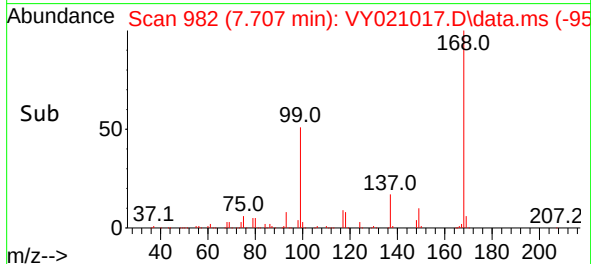
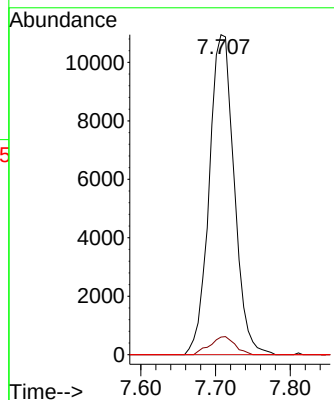


#38
Carbon Tetrachloride
Concen: 5.120 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

Instrument :
MSVOA_Y
ClientSampleId :

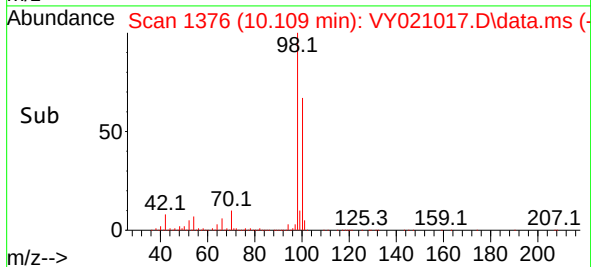
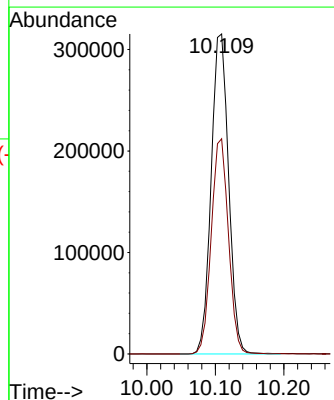
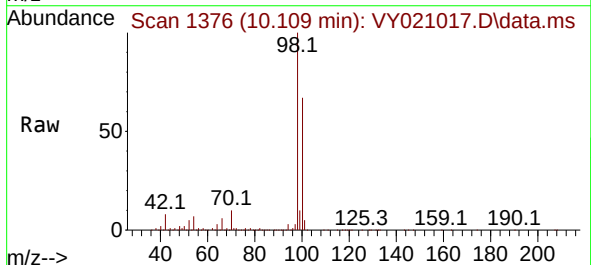


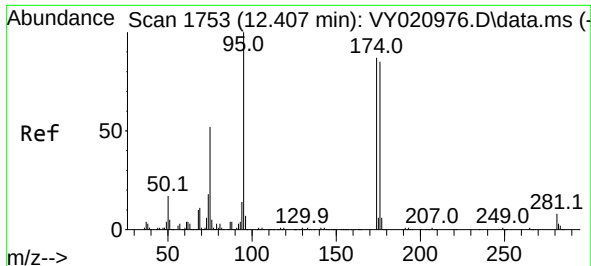
Tgt Ion:117 Resp: 25415
Ion Ratio Lower Upper
117 100
119 5.5 75.0 112.6#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.785 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

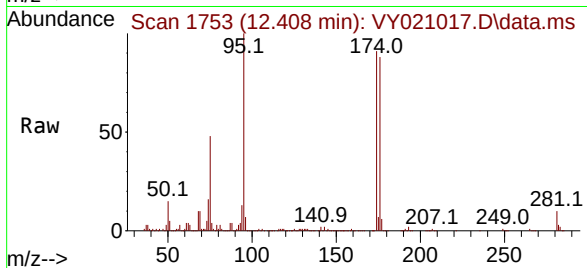
Tgt Ion: 98 Resp: 557293
Ion Ratio Lower Upper
98 100
100 66.3 52.6 79.0



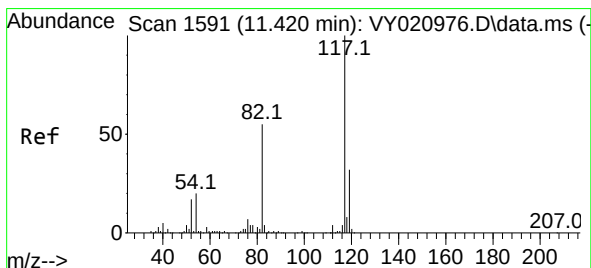
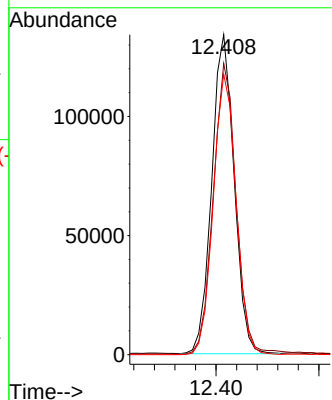
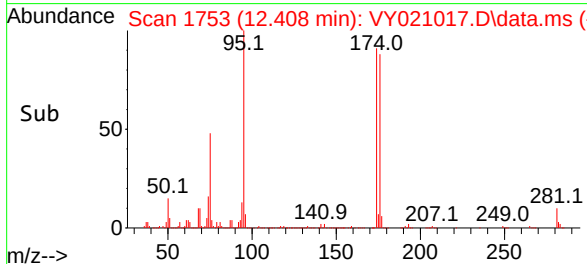


#62
4-Bromofluorobenzene
Concen: 54.952 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

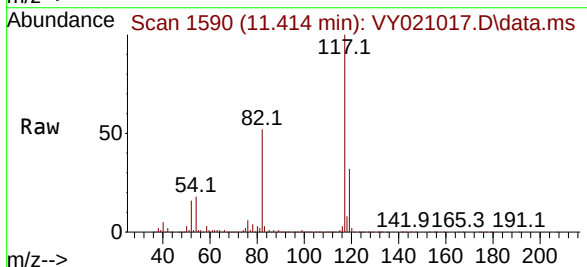
Instrument :
MSVOA_Y
ClientSampleId :



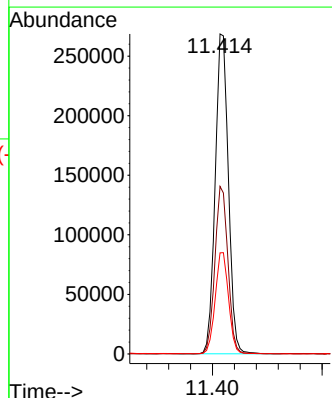
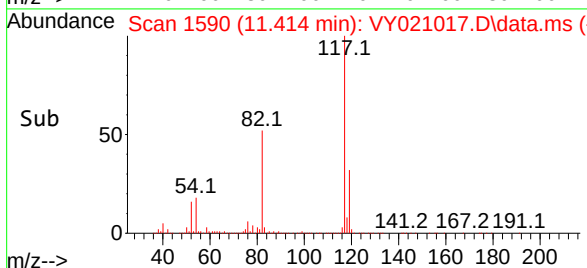
Tgt Ion: 95 Resp: 202345
Ion Ratio Lower Upper
95 100
174 93.7 0.0 181.2
176 89.7 0.0 175.2

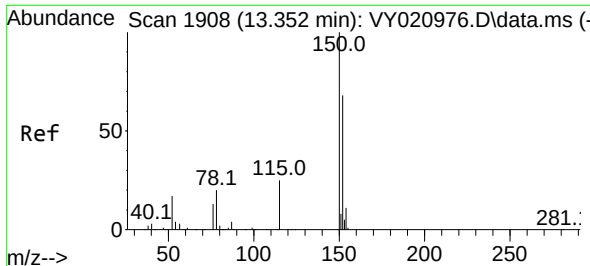


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03



Tgt Ion: 117 Resp: 446168
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 31.6 25.9 38.9

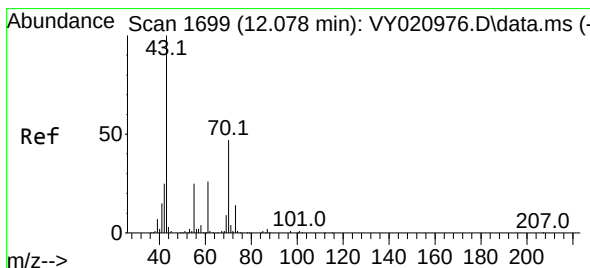
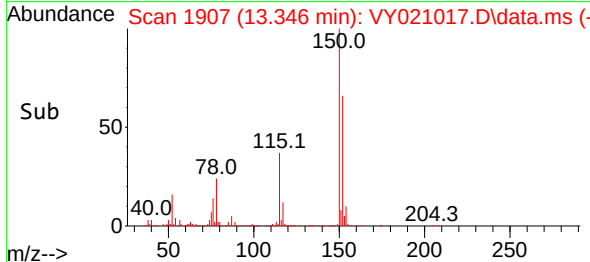
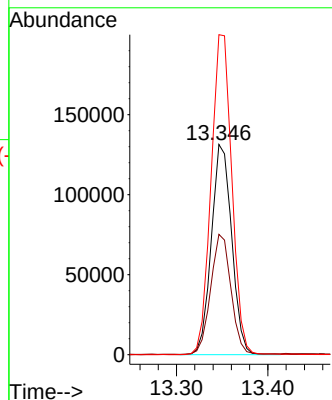
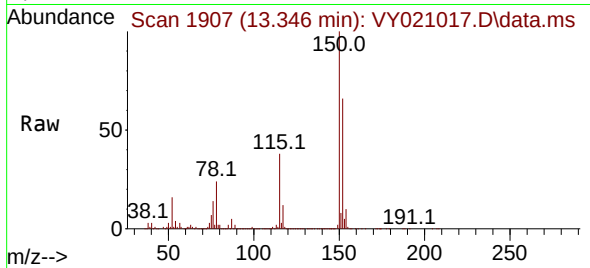




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

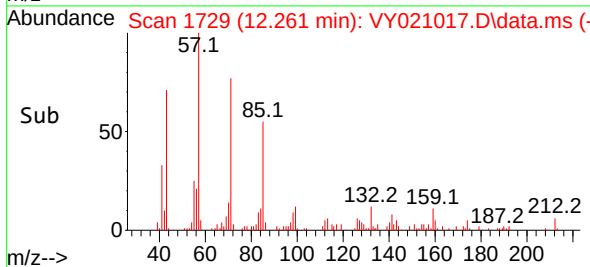
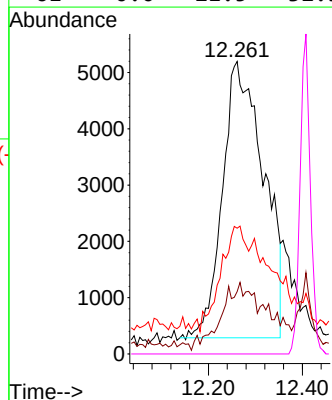
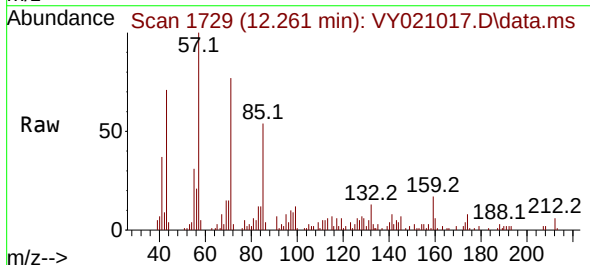
Instrument :
MSVOA_Y
ClientSampleId :

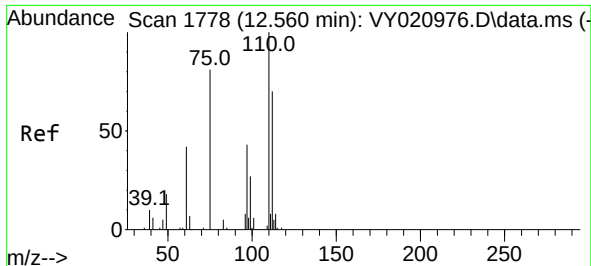
Tgt Ion:152 Resp: 203387
Ion Ratio Lower Upper
152 100
115 56.5 28.4 85.2
150 154.7 0.0 342.8



#74
N-ethyl acetate
Concen: 11.452 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.183 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

Tgt Ion: 43 Resp: 29788
Ion Ratio Lower Upper
43 100
70 0.0 39.3 58.9#
55 23.4 22.3 33.5
61 0.0 21.5 32.3#

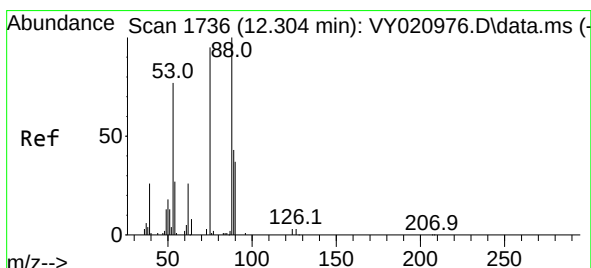
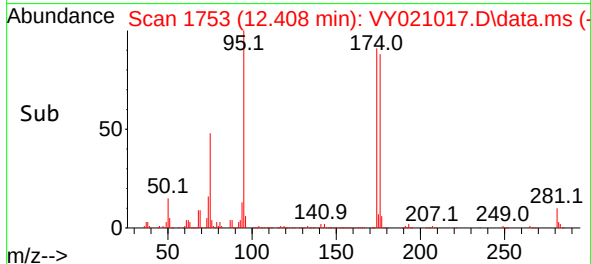
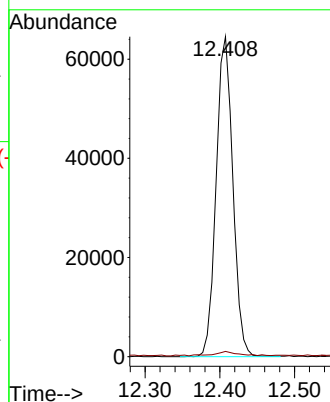
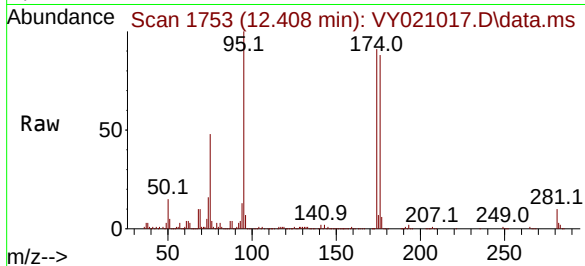




#76
1,2,3-Trichloropropane
Concen: 62.147 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

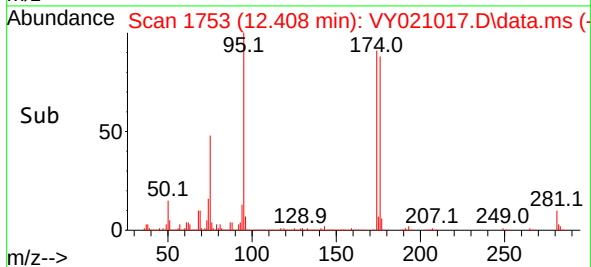
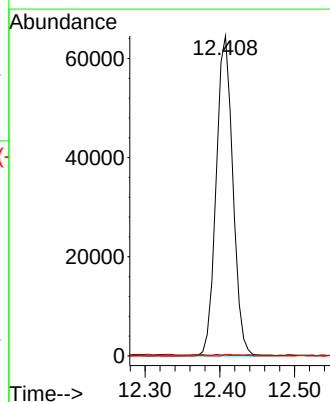
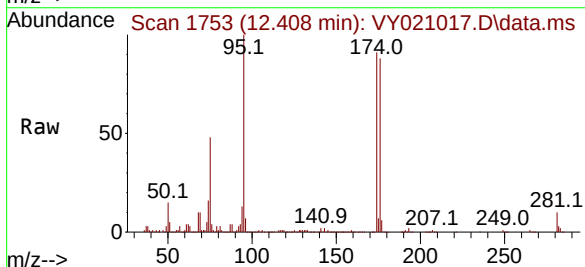
Instrument :
MSVOA_Y
ClientSampleId :

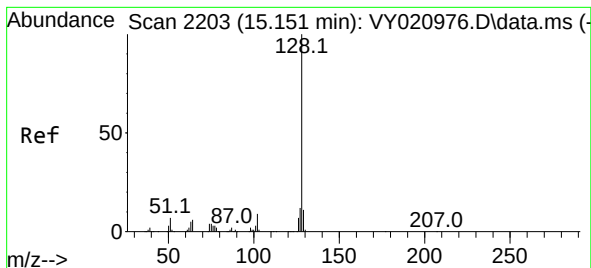
Tgt Ion: 75 Resp: 100061
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.007 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

Tgt Ion: 75 Resp: 100061
Ion Ratio Lower Upper
75 100
53 0.1 68.6 103.0#
89 0.4 38.1 57.1#





#95

Naphthalene

Concen: 4.173 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021017.D

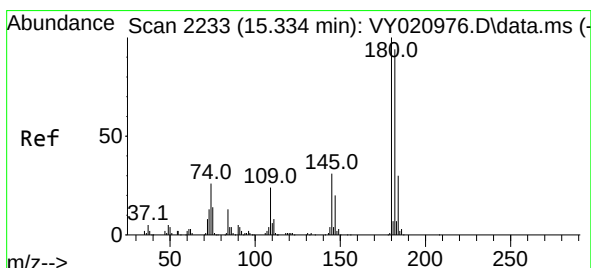
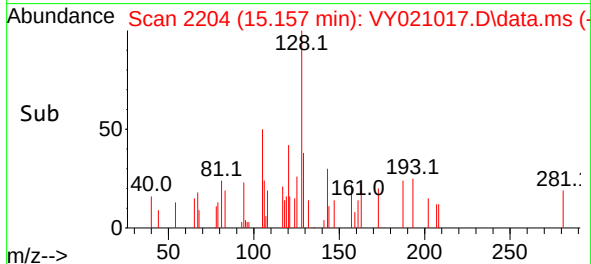
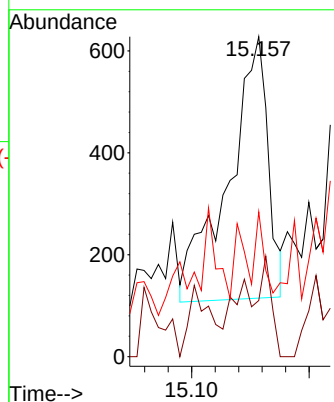
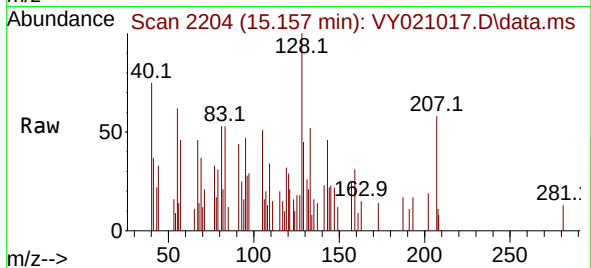
Acq: 31 Jan 2025 18:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	1211
Ion	Ratio	Lower Upper
128	100	
127	7.7	10.2 15.4#
129	8.1	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 4.502 ug/l

RT: 15.511 min Scan# 2262

Delta R.T. 0.177 min

Lab File: VY021017.D

Acq: 31 Jan 2025 18:03

Tgt Ion:180	Resp:	20
Ion	Ratio	Lower Upper
180	100	
182	0.0	47.7 143.1#
145	605.0	15.6 46.7#

