

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021005.D
 Acq On : 31 Jan 2025 13:17
 Operator : SY/MD
 Sample : Q1239-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:24:07 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	7.713	168	145936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	220497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	177532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	72218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	58460	47.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.100%
35) Dibromofluoromethane	7.640	113	59917	45.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.400%
50) Toluene-d8	10.109	98	209447	40.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.960%
62) 4-Bromofluorobenzene	12.408	95	61619	35.493	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.980%

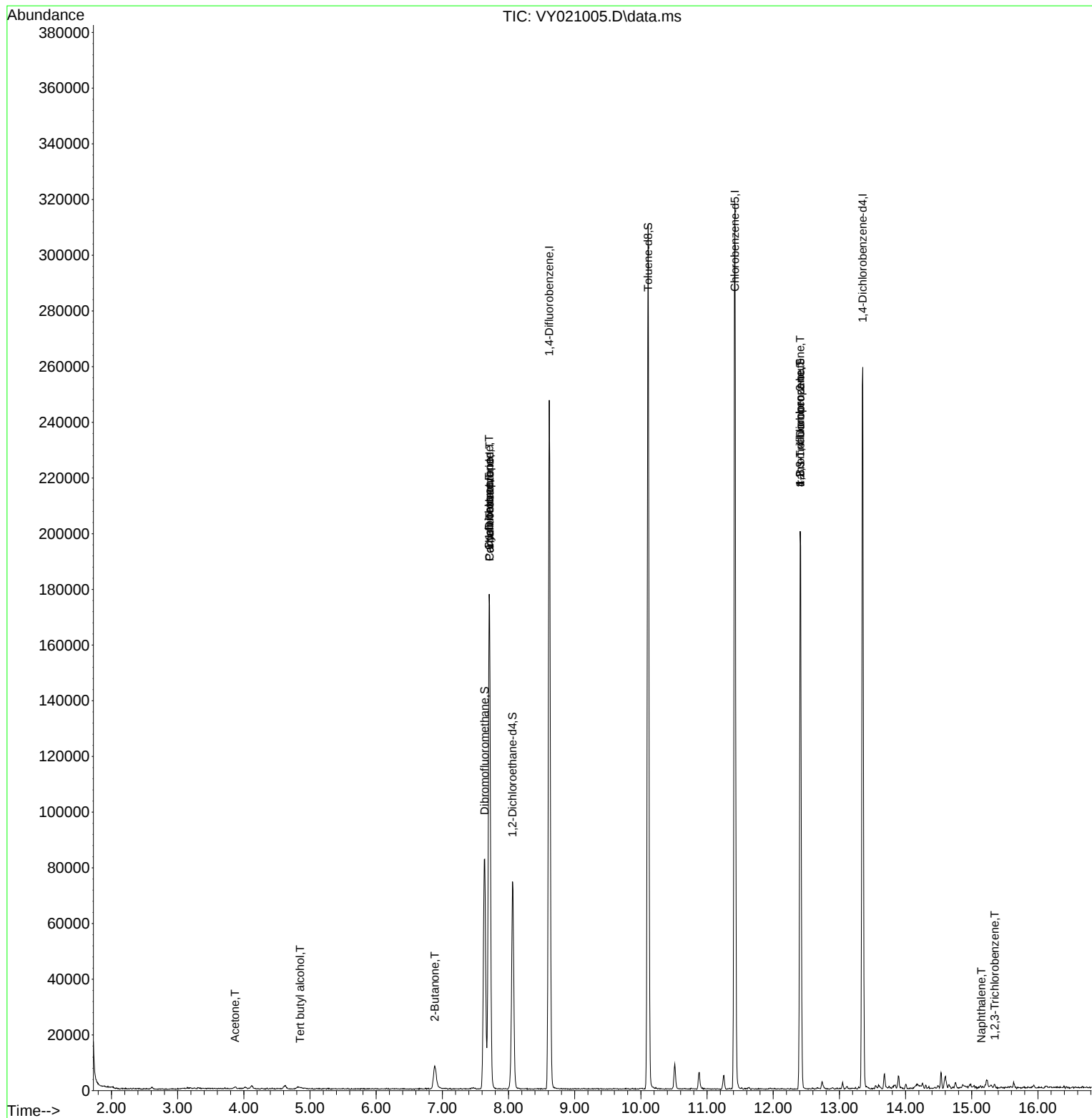
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.848	59	988	10.885	ug/l #	73
16) Acetone	3.866	43	1154	6.814	ug/l	95
25) 2-Butanone	6.884	43	564	1.963	ug/l #	44
31) Cyclohexane	7.707	56	2189	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	9047	4.784	ug/l #	51
38) Carbon Tetrachloride	7.713	117	14269	6.097	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	30714	53.724	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	30714	111.522	ug/l #	15
95) Naphthalene	15.145	128	619	4.253	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.346	180	117	4.585	ug/l #	11

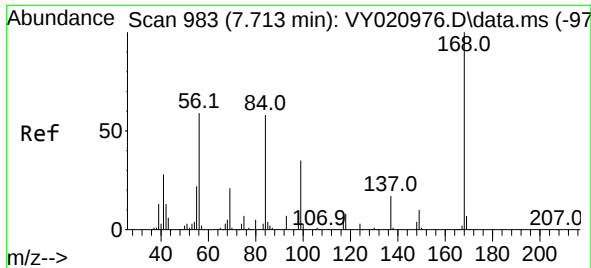
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021005.D
Acq On : 31 Jan 2025 13:17
Operator : SY/MD
Sample : Q1239-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 22:24:07 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

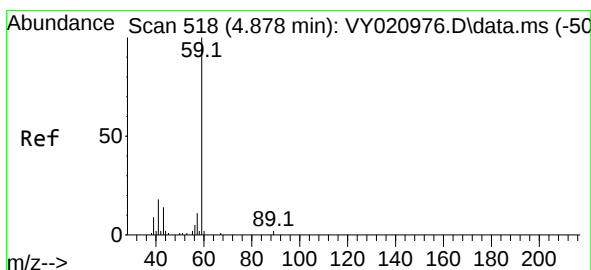
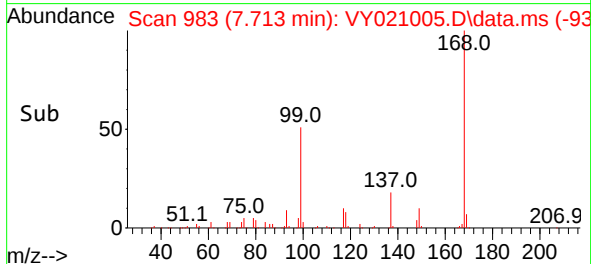
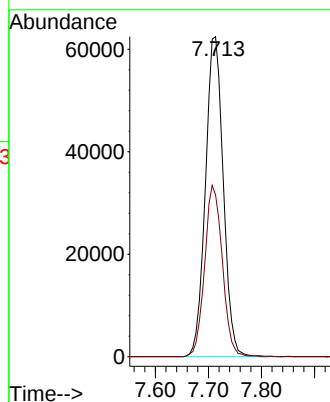
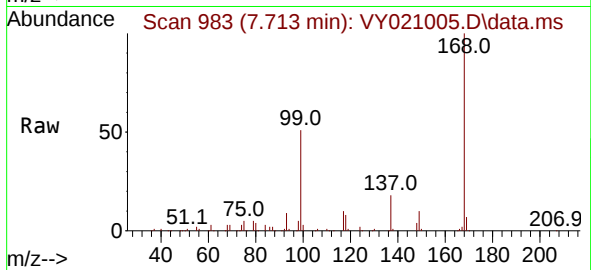




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

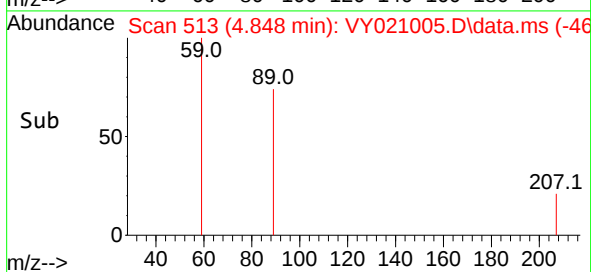
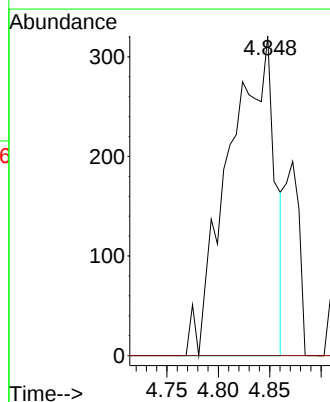
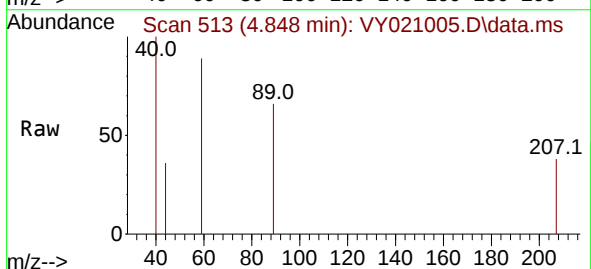
Instrument :
MSVOA_Y
ClientSampleId :

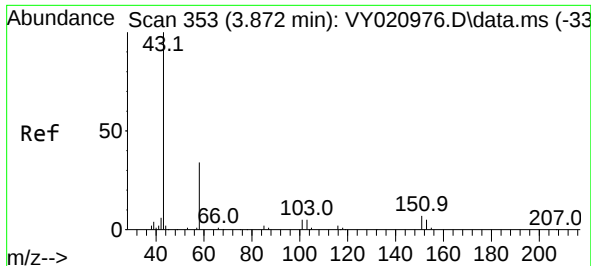
Tgt Ion:168 Resp: 145936
Ion Ratio Lower Upper
168 100
99 50.5 42.2 63.2



#11
Tert butyl alcohol
Concen: 10.885 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.030 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

Tgt Ion: 59 Resp: 988
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

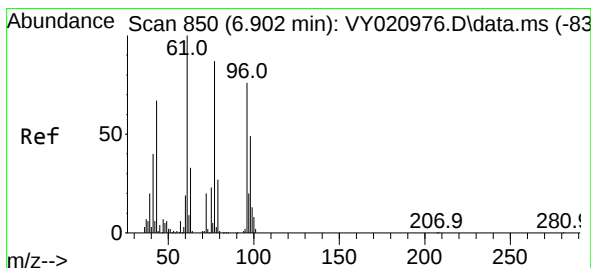
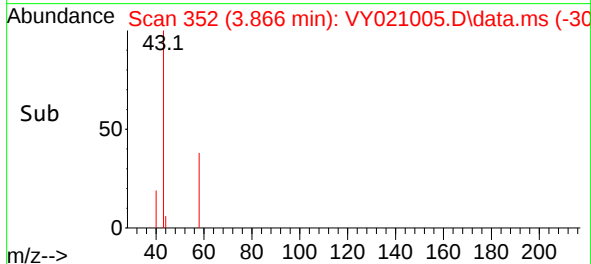
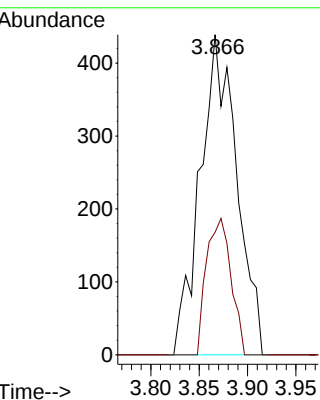
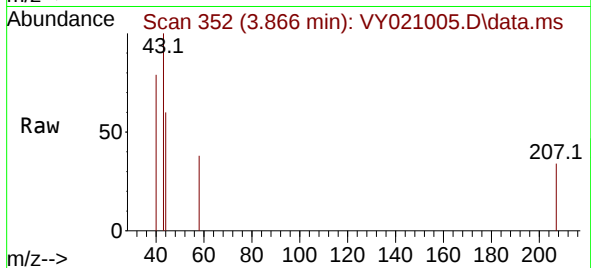




#16
Acetone
Concen: 6.814 ug/l
RT: 3.866 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

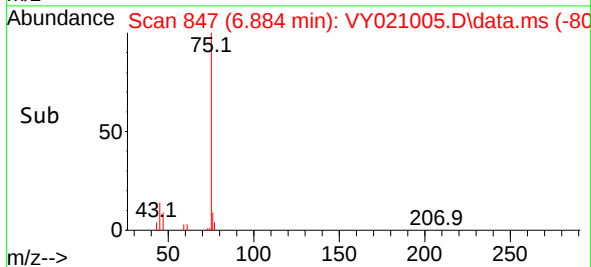
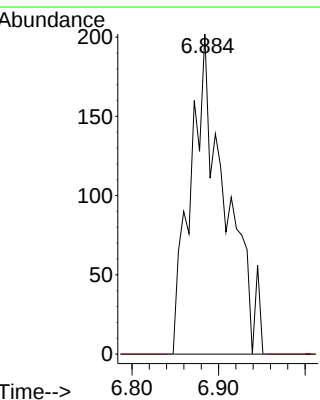
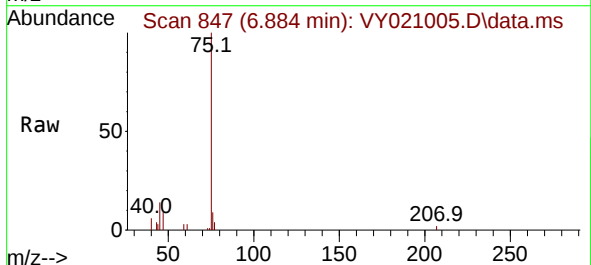
Instrument :
MSVOA_Y
ClientSampleId :

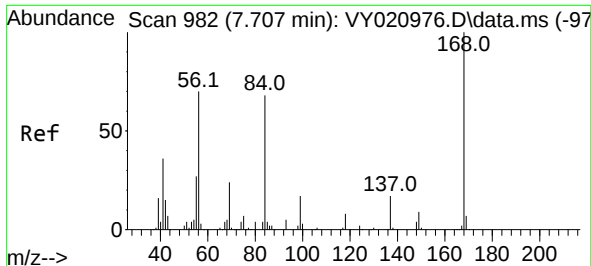
Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 38.3 28.4 42.6



#25
2-Butanone
Concen: 1.963 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

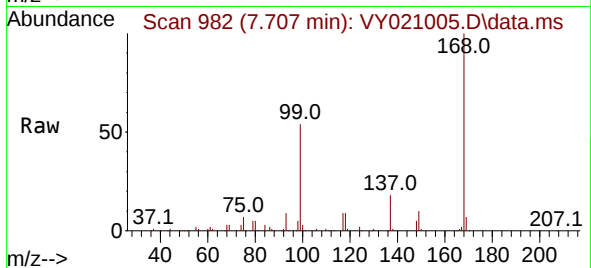
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



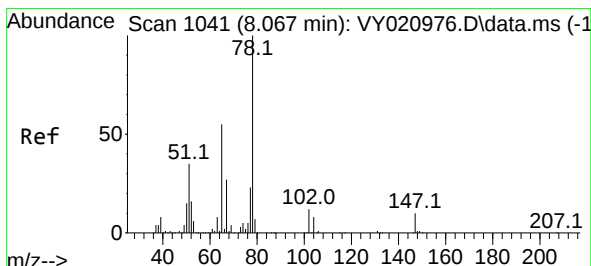
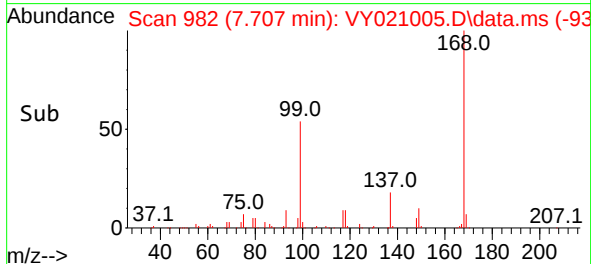
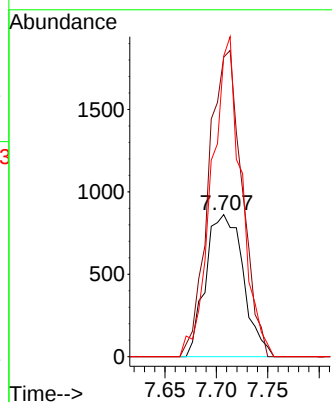


#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :

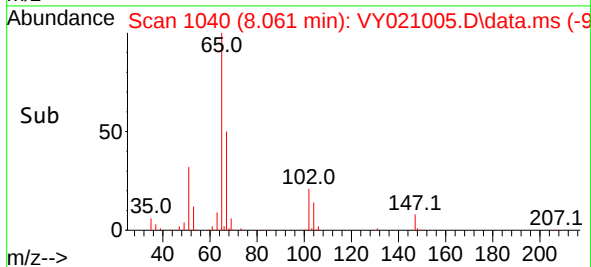
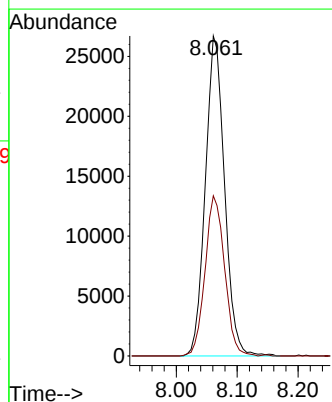
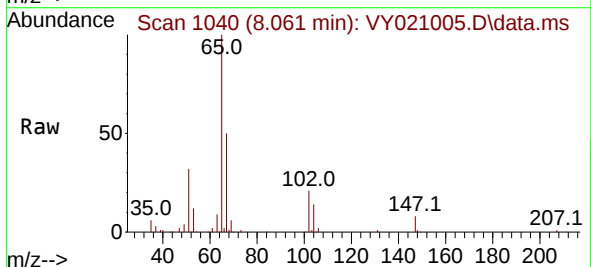


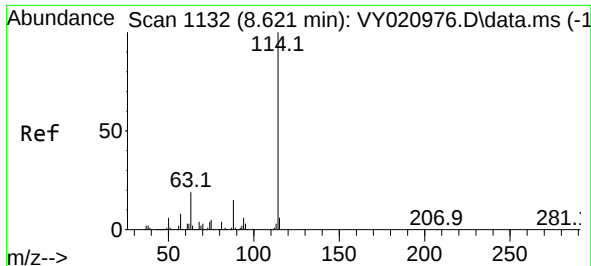
Tgt Ion: 56 Resp: 2189
Ion Ratio Lower Upper
56 100
69 210.9 27.7 41.5#
84 211.7 77.5 116.3#



#33
1,2-Dichloroethane-d4
Concen: 47.050 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

Tgt Ion: 65 Resp: 58460
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

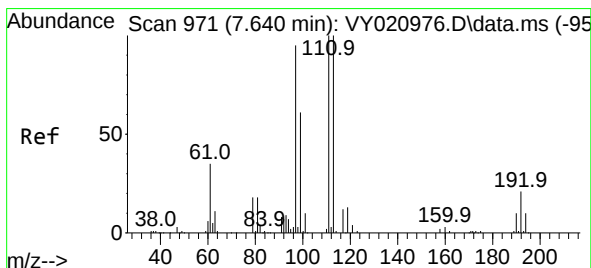
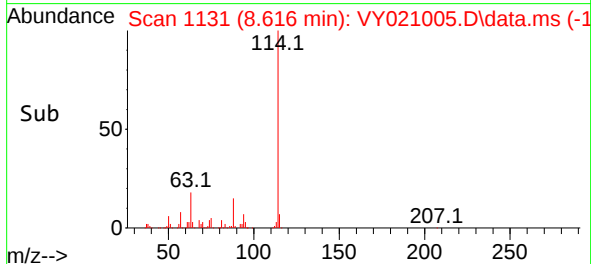
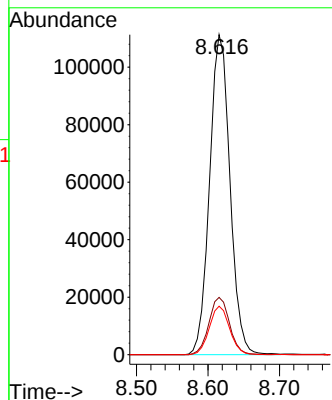
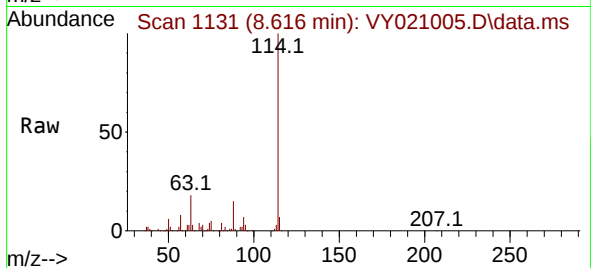




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

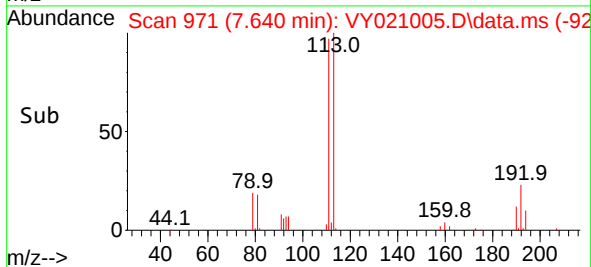
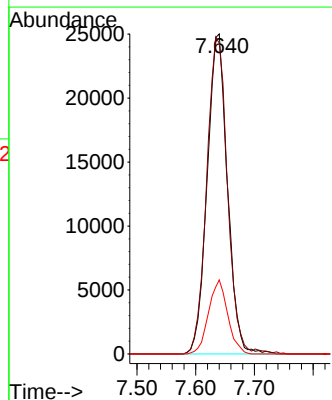
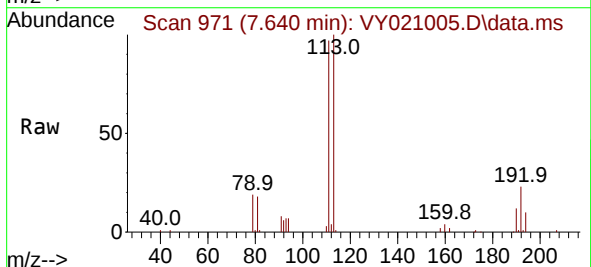
Instrument :
MSVOA_Y
ClientSampleId :

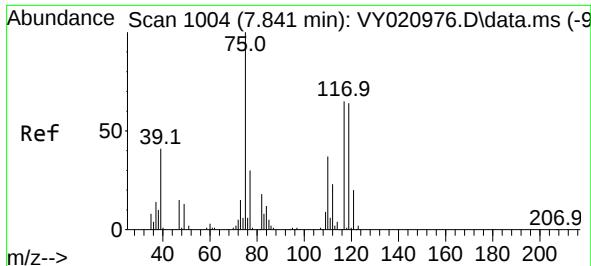
Tgt Ion:114 Resp: 220497
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.2
88 15.2 0.0 29.6



#35
Dibromofluoromethane
Concen: 45.200 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

Tgt Ion:113 Resp: 59917
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 21.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.784 ug/l

RT: 7.707 min Scan# 90

Delta R.T. -0.134 min

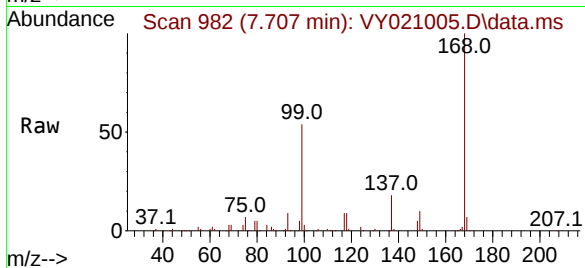
Lab File: VY021005.D

Acq: 31 Jan 2025 13:17

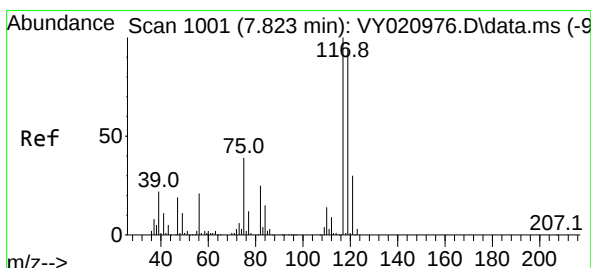
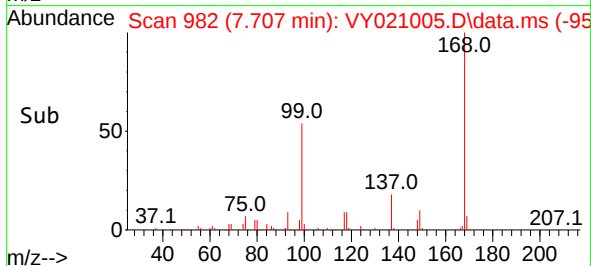
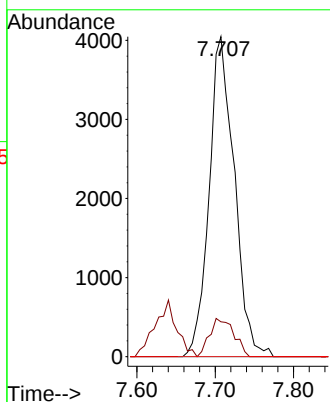
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9047
Ion Ratio	Lower Upper
75	100
110	11.6 18.4 55.2#
77	0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.097 ug/l

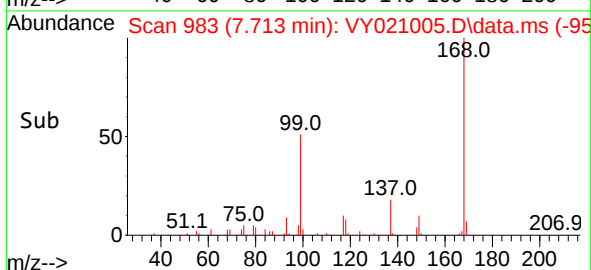
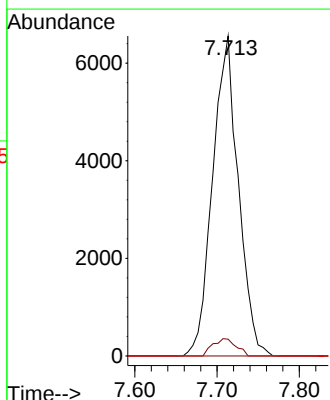
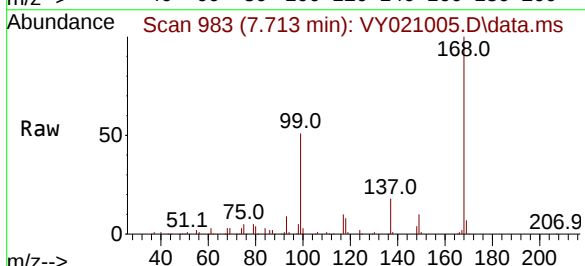
RT: 7.713 min Scan# 983

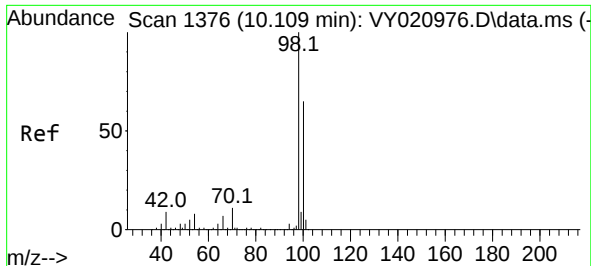
Delta R.T. -0.109 min

Lab File: VY021005.D

Acq: 31 Jan 2025 13:17

Tgt Ion: 117	Resp: 14269
Ion Ratio	Lower Upper
117	100
119	5.2 75.0 112.6#
121	0.0 24.2 36.2#

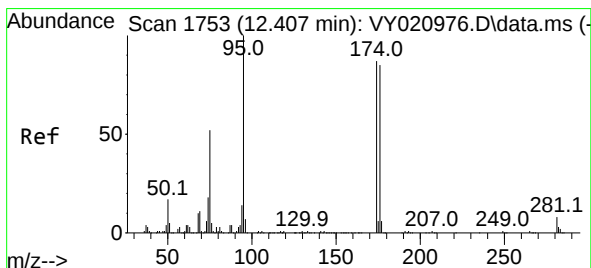
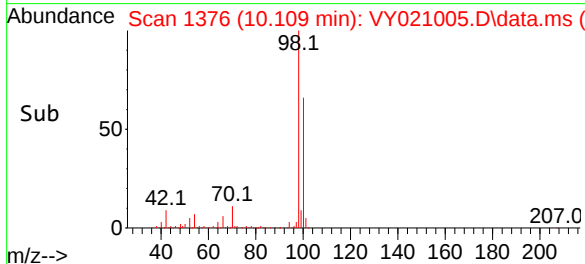
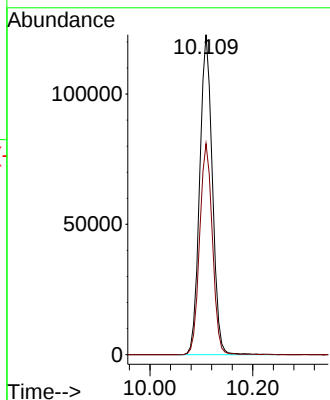
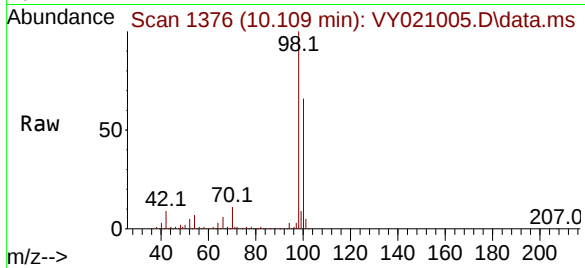




#50
Toluene-d8
Concen: 40.482 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

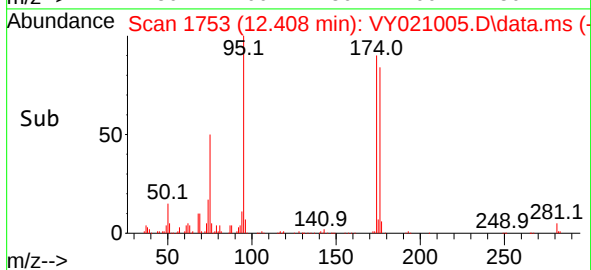
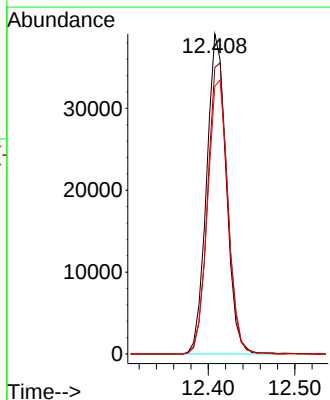
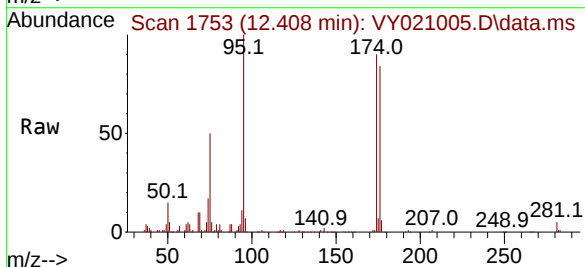
Instrument :
MSVOA_Y
ClientSampleId :

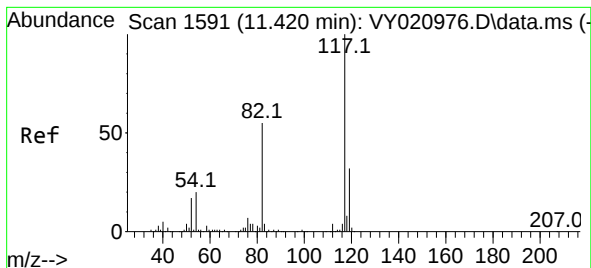
Tgt Ion: 98 Resp: 209447
Ion Ratio Lower Upper
98 100
100 66.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 35.493 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

Tgt Ion: 95 Resp: 61619
Ion Ratio Lower Upper
95 100
174 92.7 0.0 181.2
176 89.1 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

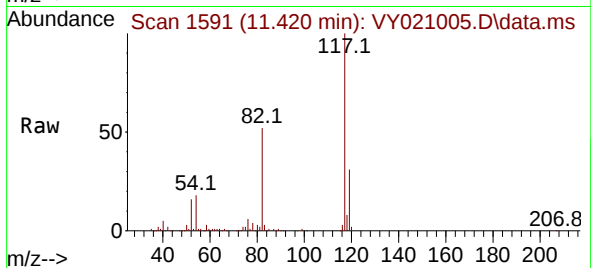
Lab File: VY021005.D

Acq: 31 Jan 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :



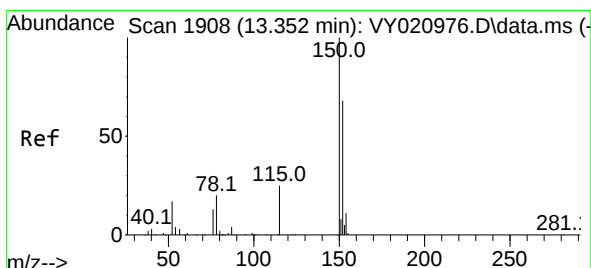
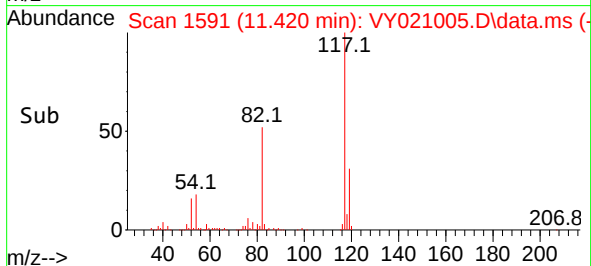
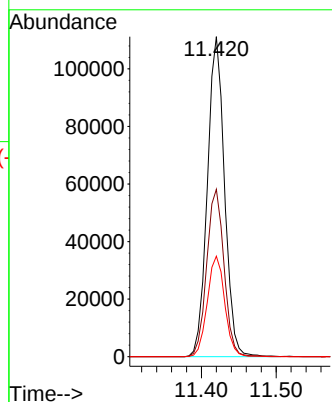
Tgt Ion:117 Resp: 177532

Ion Ratio Lower Upper

117 100

82 52.3 44.2 66.2

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021005.D

Acq: 31 Jan 2025 13:17

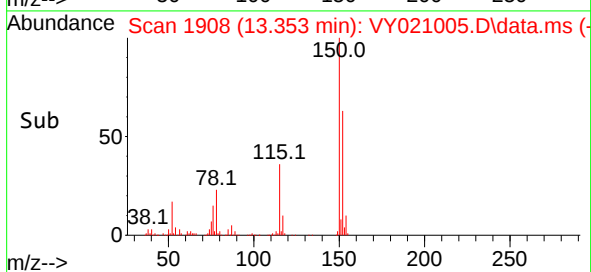
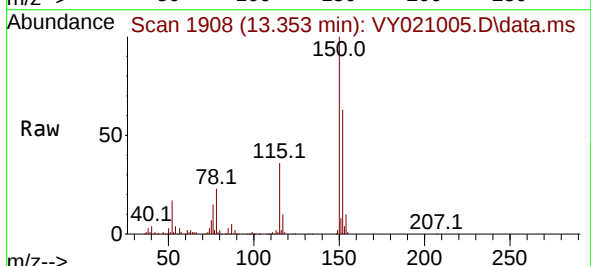
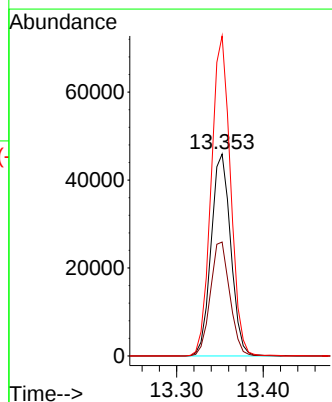
Tgt Ion:152 Resp: 72218

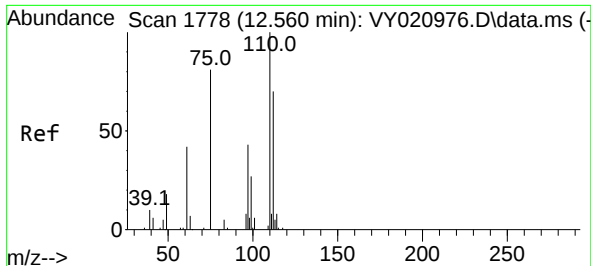
Ion Ratio Lower Upper

152 100

115 56.1 28.4 85.2

150 155.9 0.0 342.8

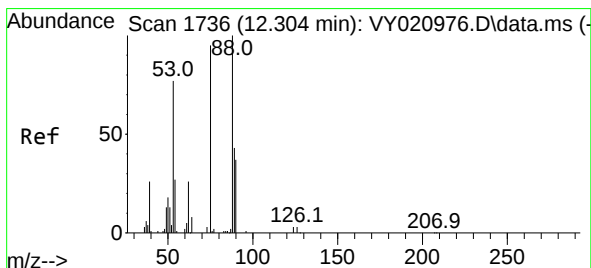
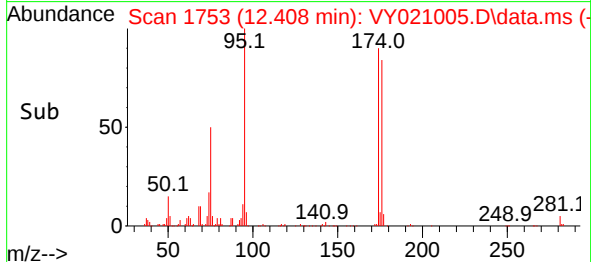
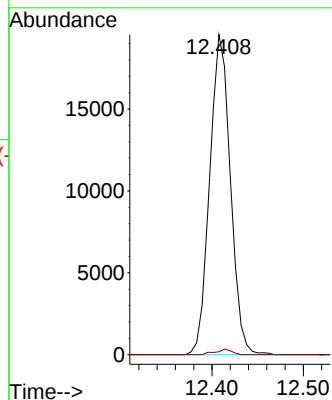
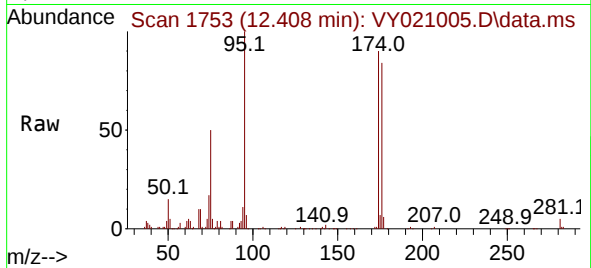




#76
1,2,3-Trichloropropane
Concen: 53.724 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

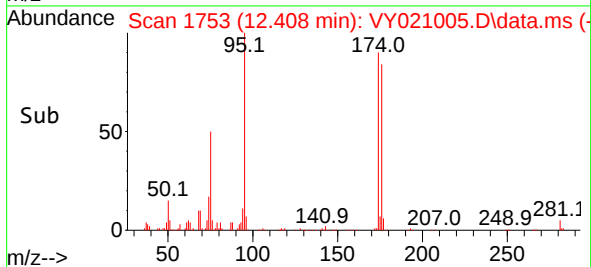
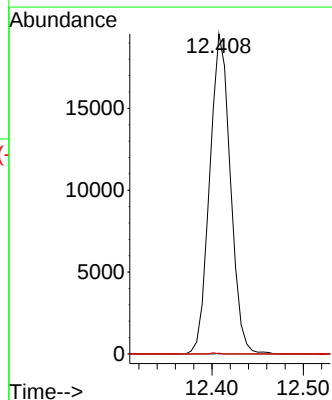
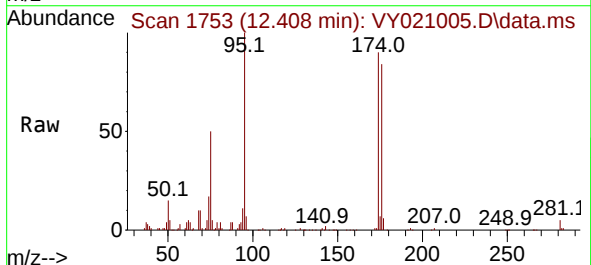
Instrument :
MSVOA_Y
ClientSampleId :

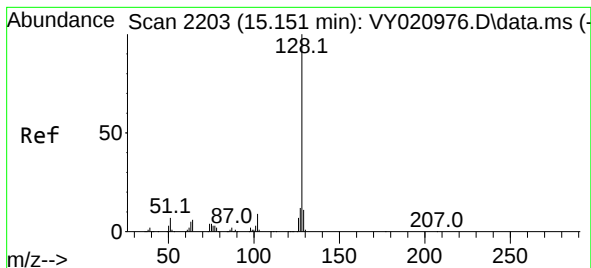
Tgt Ion: 75 Resp: 30714
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.522 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021005.D
Acq: 31 Jan 2025 13:17

Tgt Ion: 75 Resp: 30714
Ion Ratio Lower Upper
75 100
53 0.1 68.6 103.0#
89 0.1 38.1 57.1#





#95

Naphthalene

Concen: 4.253 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021005.D

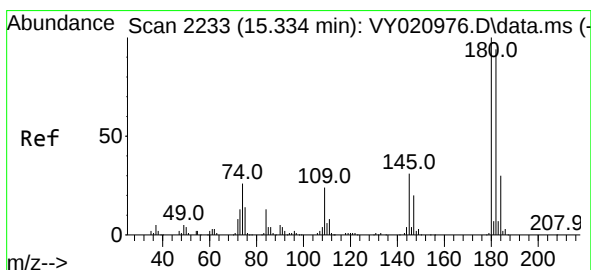
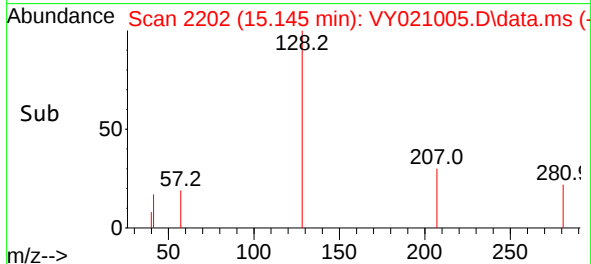
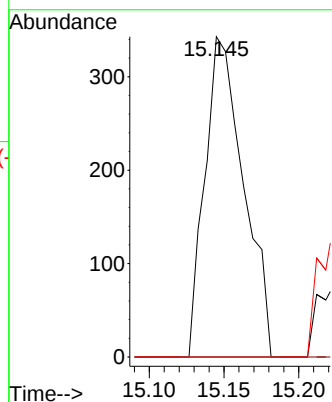
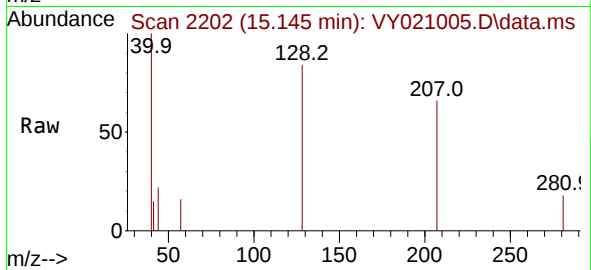
Acq: 31 Jan 2025 13:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	619
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.2 15.4#
129	0.0	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 4.585 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY021005.D

Acq: 31 Jan 2025 13:17

Tgt Ion:180	Resp:	117
Ion Ratio	Lower	Upper
180	100	
182	100.0	47.7 143.1
145	221.4	15.6 46.7#

