

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021475.D
 Acq On : 11 Mar 2025 10:12
 Operator : SY/MD
 Sample : VY0311SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBL01

Quant Time: Mar 12 01:23:02 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	266206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	468026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157191	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150026	53.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.634	113	155103	50.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.109	98	564540	48.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.408	95	168454	42.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.020%

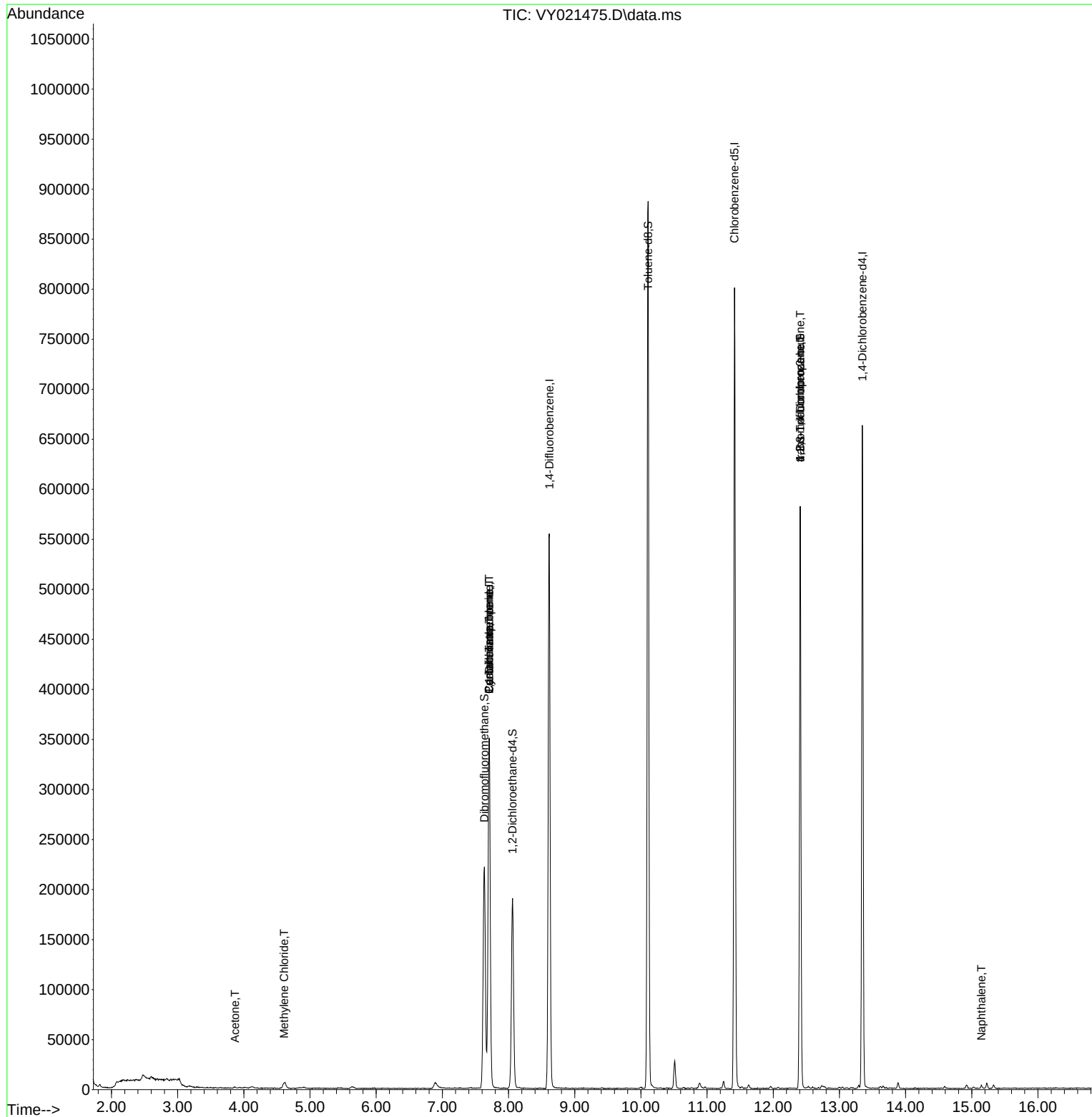
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.842	59	782	Below Cal	#	79
16) Acetone	3.866	43	1531	2.495	ug/l	94
20) Methylene Chloride	4.610	84	3964	1.231	ug/l	95
31) Cyclohexane	7.707	56	6103	1.158	ug/l	# 1
36) 1,1-Dichloropropene	7.707	75	21768	4.520	ug/l	# 51
38) Carbon Tetrachloride	7.707	117	26536	4.791	ug/l	# 18
76) 1,2,3-Trichloropropane	12.408	75	89861	56.731	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	89861	128.967	ug/l	# 9
95) Naphthalene	15.145	128	2311	1.991	ug/l	# 92

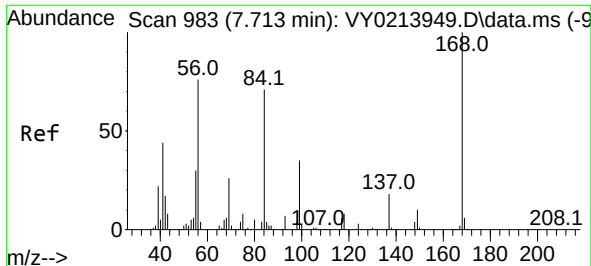
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021475.D
Acq On : 11 Mar 2025 10:12
Operator : SY/MD
Sample : VY0311SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Quant Time: Mar 12 01:23:02 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

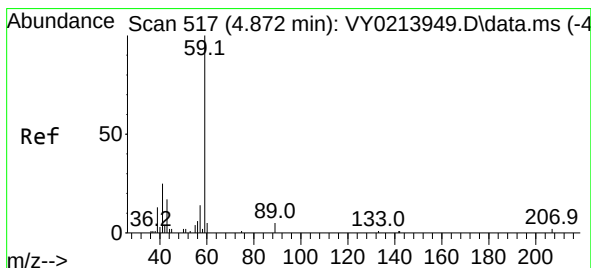
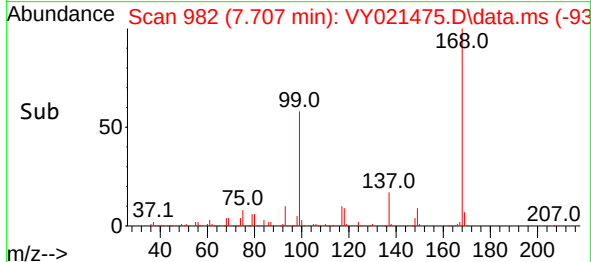
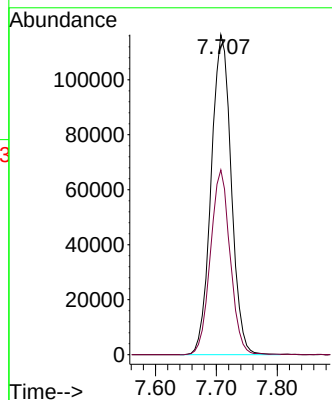
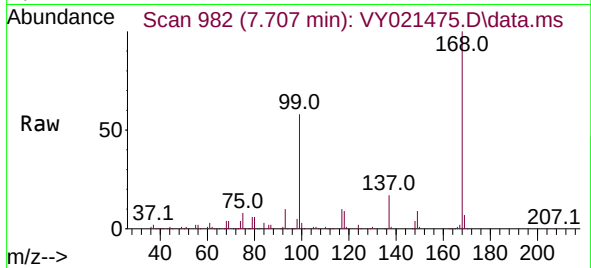




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

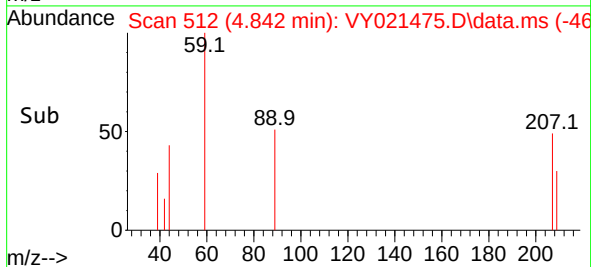
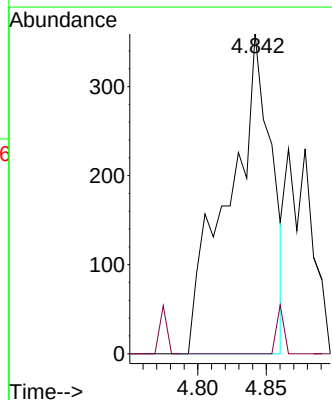
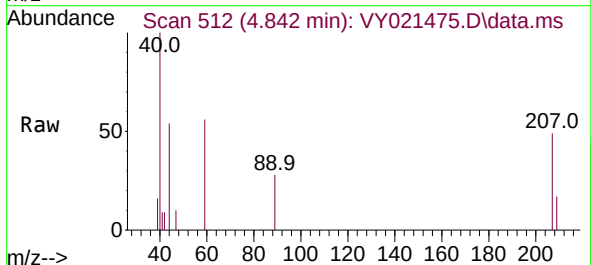
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

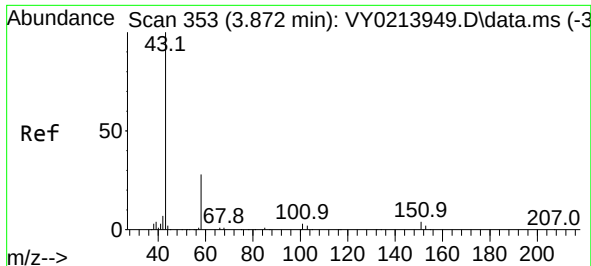
Tgt Ion:168 Resp: 266206
Ion Ratio Lower Upper
168 100
99 57.7 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion: 59 Resp: 782
Ion Ratio Lower Upper
59 100
57 2.6 8.2 12.4#

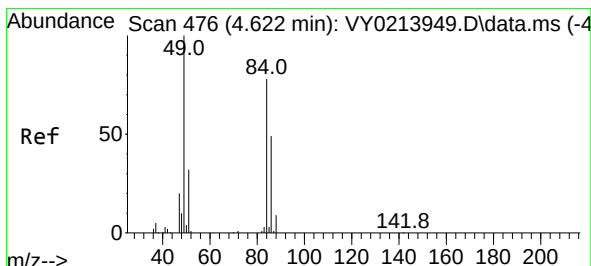
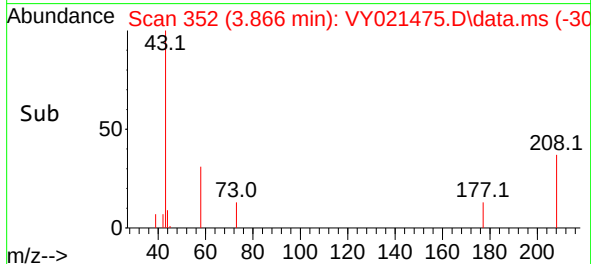
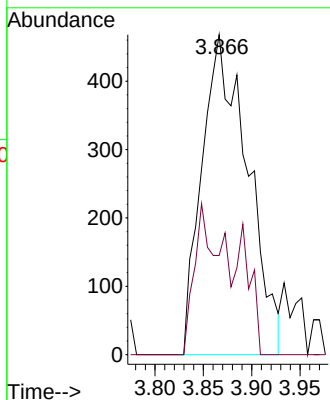
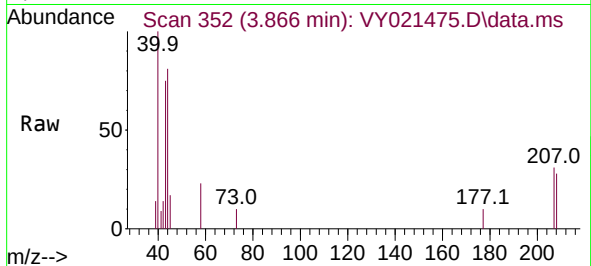




#16
Acetone
Concen: 2.495 ug/l
RT: 3.866 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

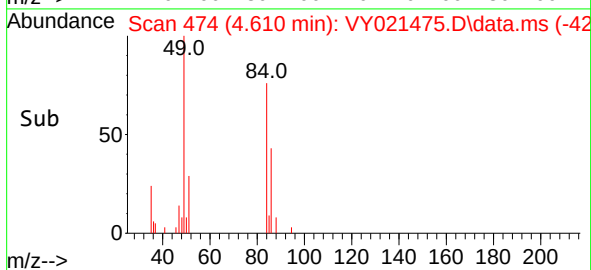
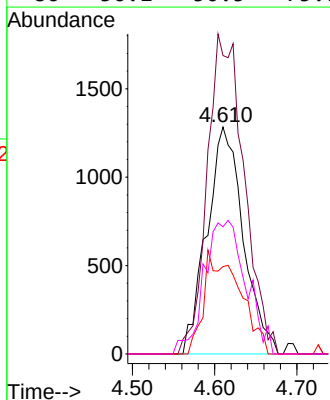
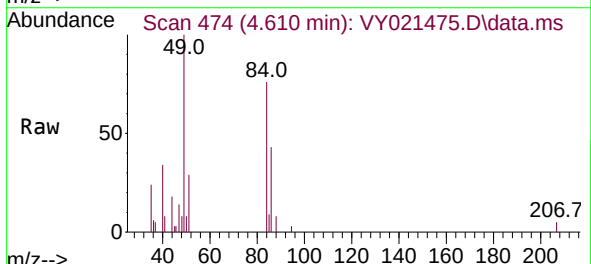
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

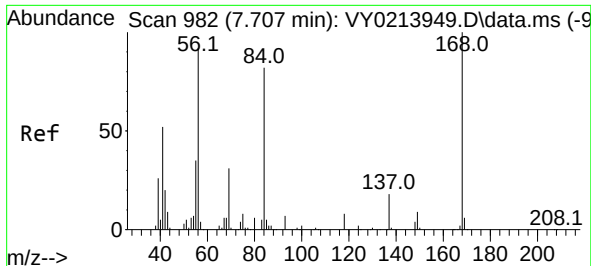
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 31.0 22.1 33.1



#20
Methylene Chloride
Concen: 1.231 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion: 84 Resp: 3964
Ion Ratio Lower Upper
84 100
49 131.6 102.0 153.0
51 38.5 33.0 49.6
86 56.1 50.5 75.7

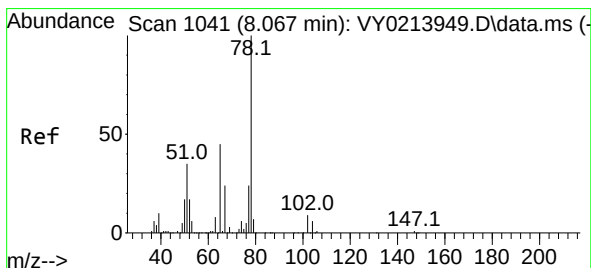
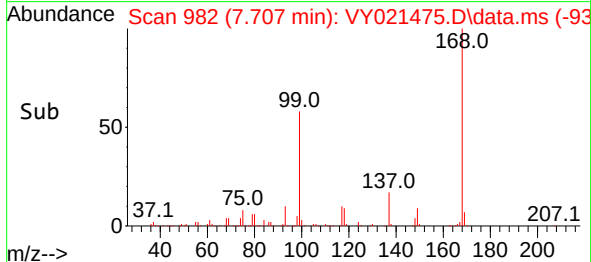
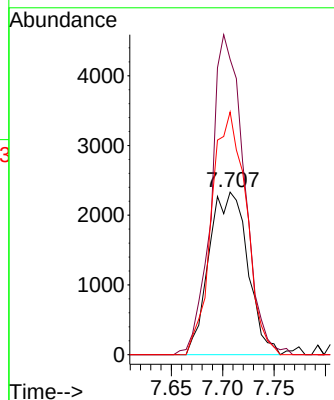
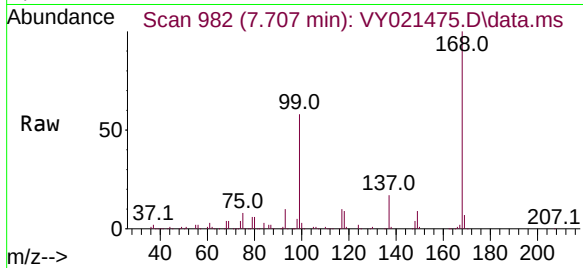




#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

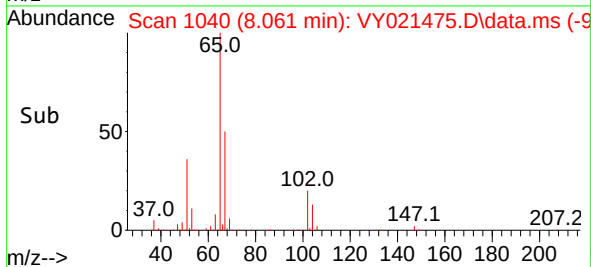
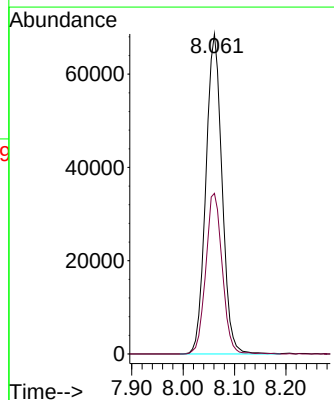
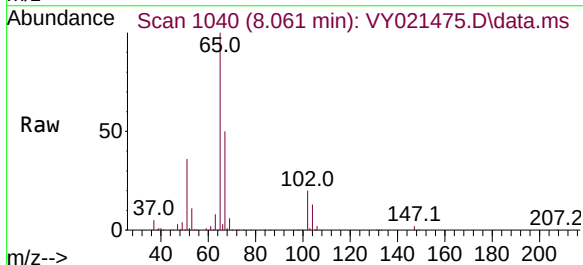
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

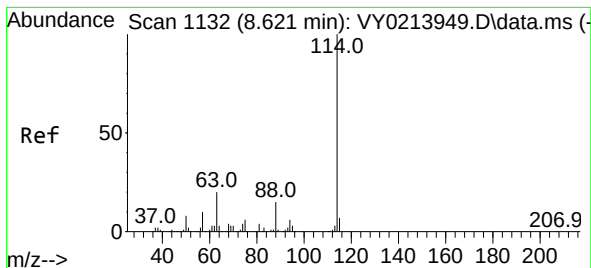
Tgt Ion: 56 Resp: 6103
Ion Ratio Lower Upper
56 100
69 179.2 27.0 40.4#
84 149.3 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 53.321 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion: 65 Resp: 150026
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# 1132

Delta R.T. -0.006 min

Lab File: VY021475.D

Acq: 11 Mar 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBL01

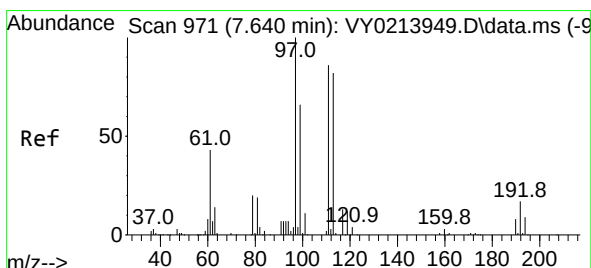
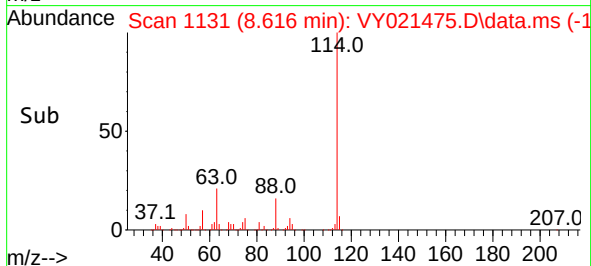
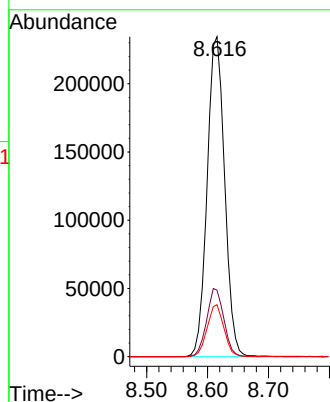
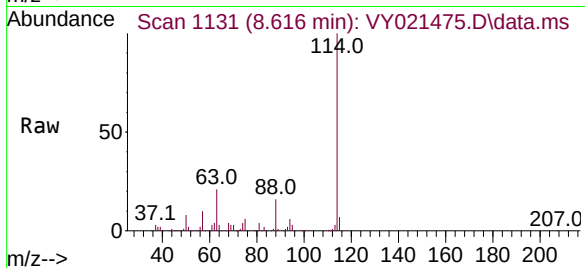
Tgt Ion:114 Resp: 468026

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 16.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.417 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021475.D

Acq: 11 Mar 2025 10:12

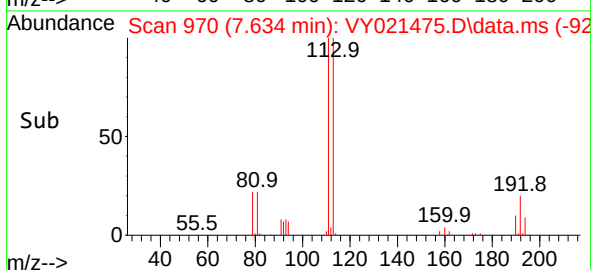
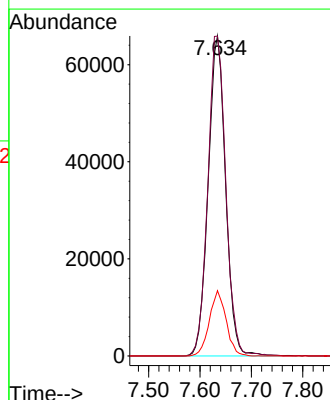
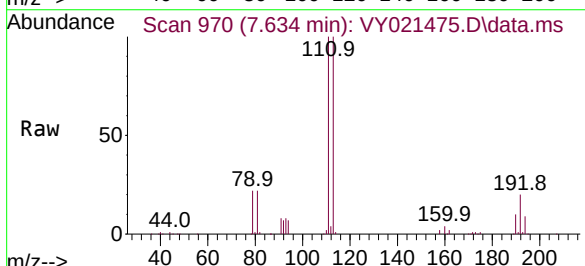
Tgt Ion:113 Resp: 155103

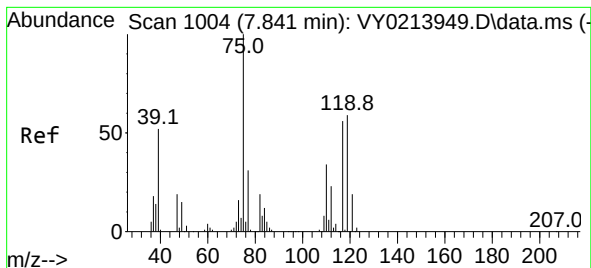
Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 19.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.520 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021475.D

Acq: 11 Mar 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBL01

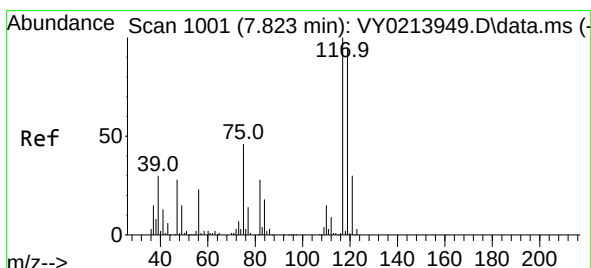
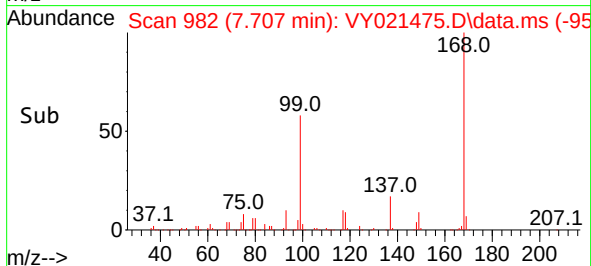
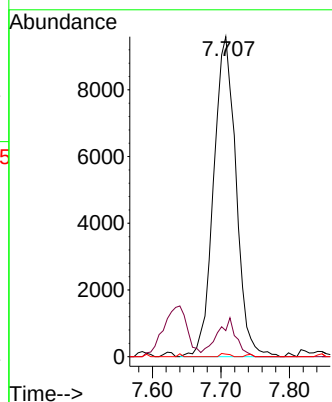
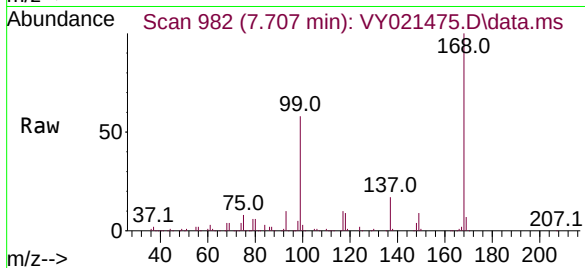
Tgt Ion: 75 Resp: 21768

Ion Ratio Lower Upper

75 100

110 10.3 17.3 51.7#

77 0.4 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.791 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021475.D

Acq: 11 Mar 2025 10:12

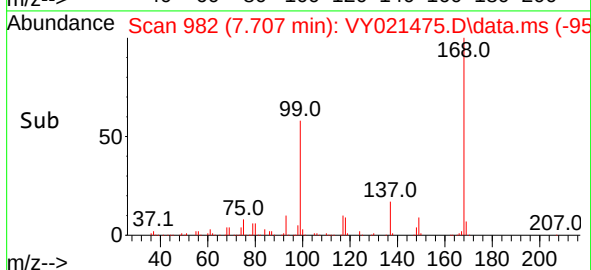
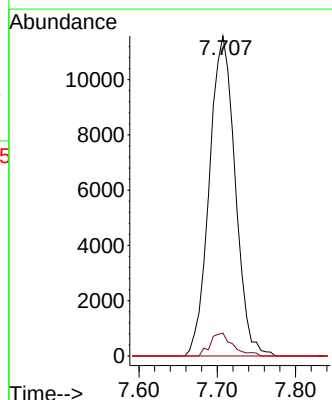
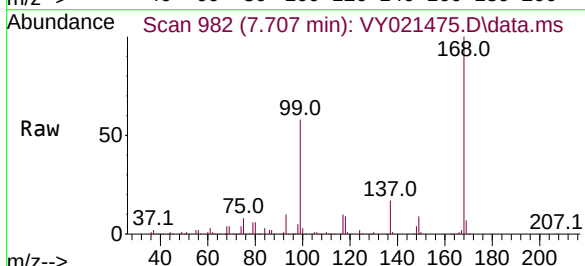
Tgt Ion: 117 Resp: 26536

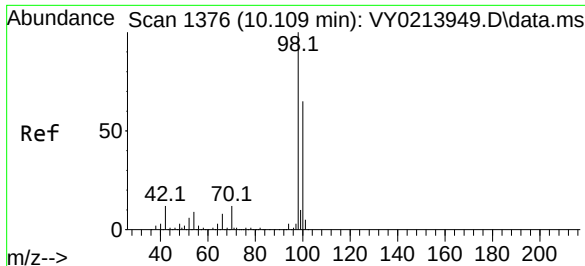
Ion Ratio Lower Upper

117 100

119 7.1 75.8 113.8#

121 0.0 23.9 35.9#

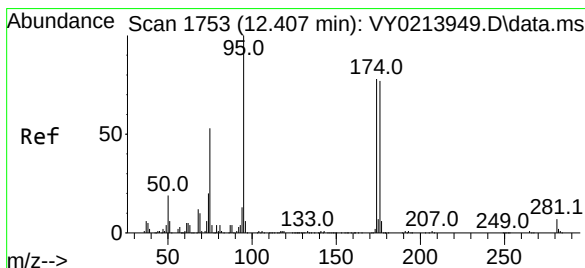
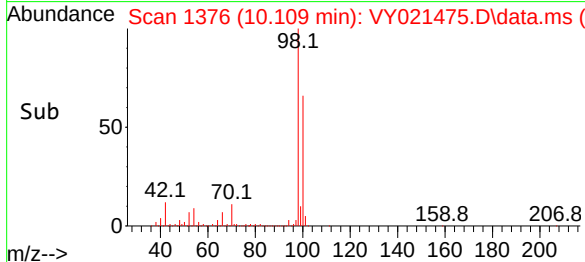
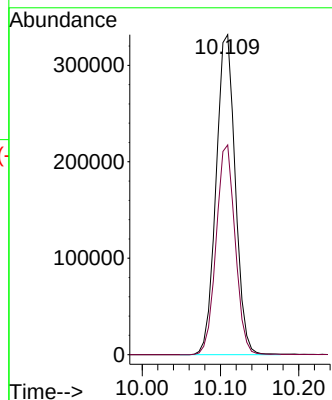
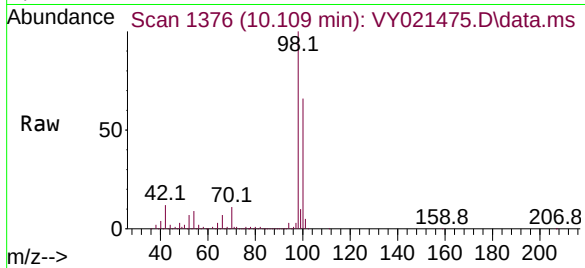




#50
Toluene-d8
Concen: 48.466 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

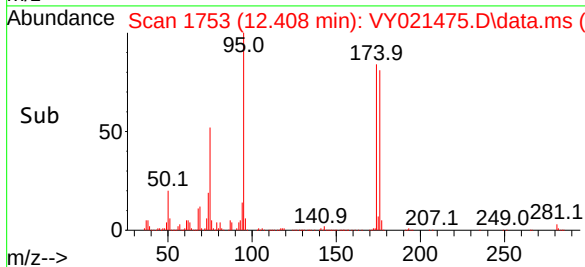
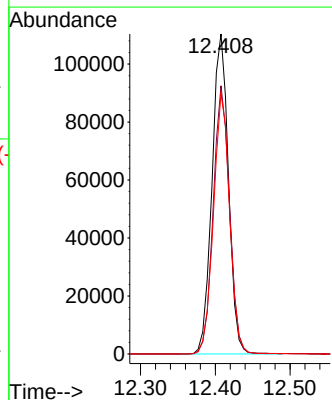
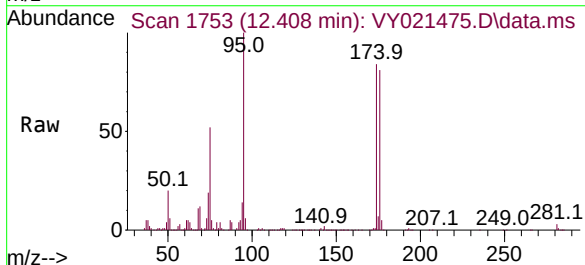
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

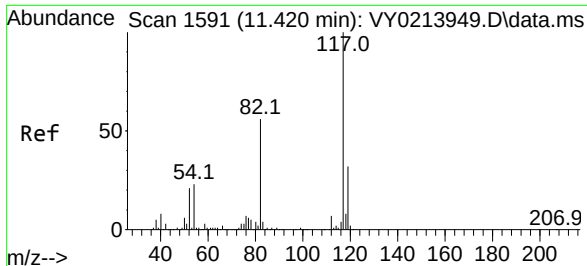
Tgt Ion: 98 Resp: 564540
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.515 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion: 95 Resp: 168454
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 80.3 0.0 160.0

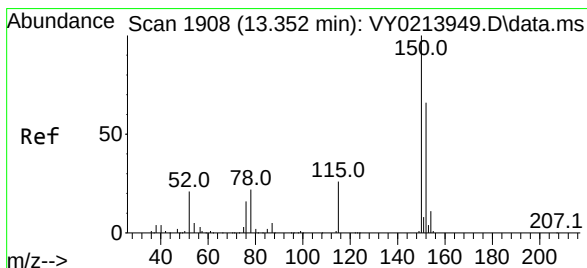
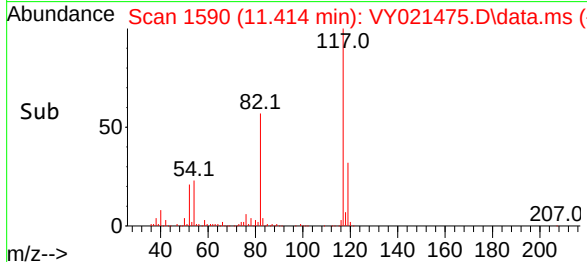
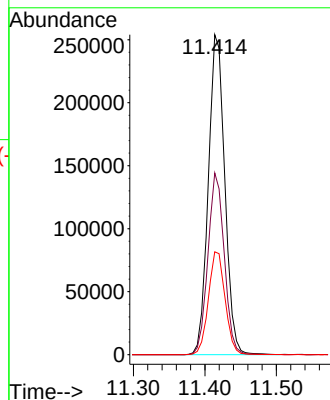
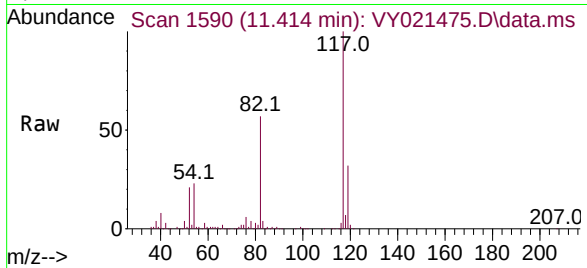




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

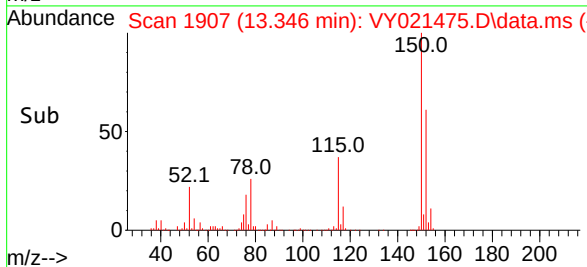
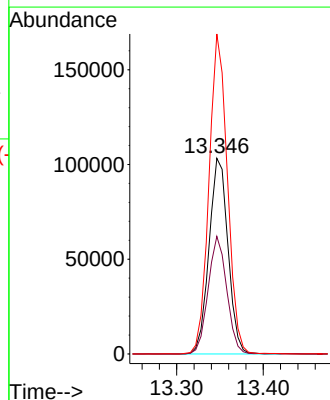
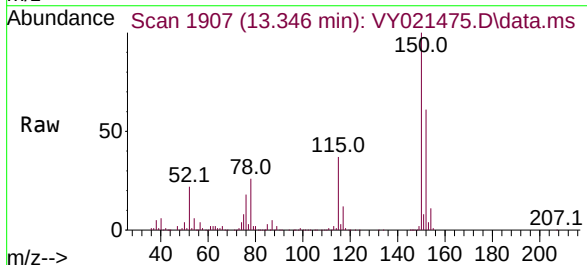
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

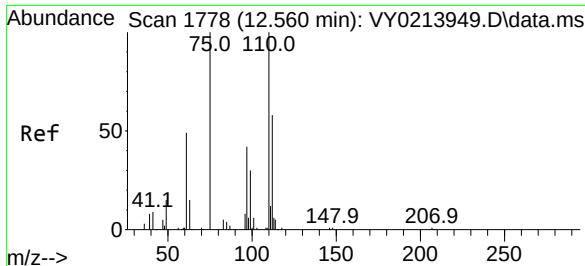
Tgt Ion:117 Resp: 406786
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion:152 Resp: 157191
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 158.4 0.0 347.2

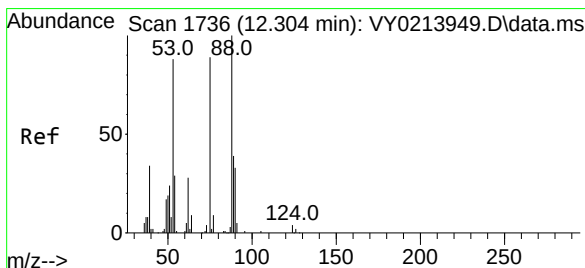
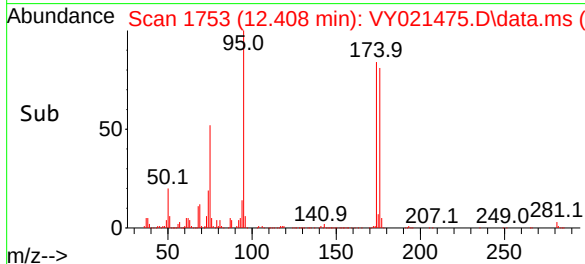
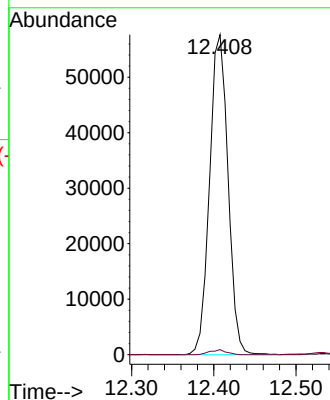
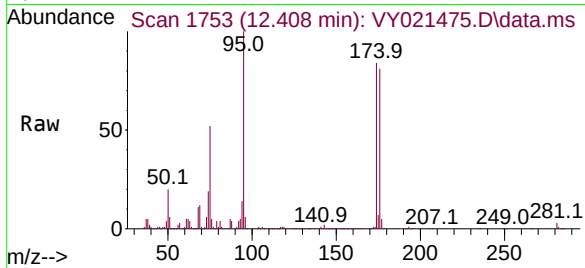




#76
1,2,3-Trichloropropane
Concen: 56.731 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

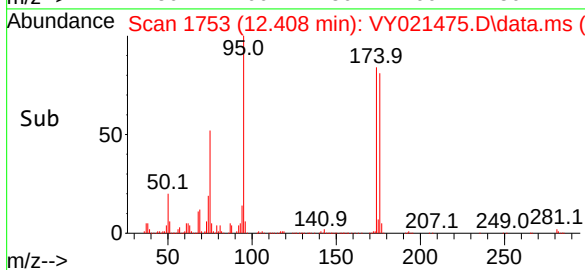
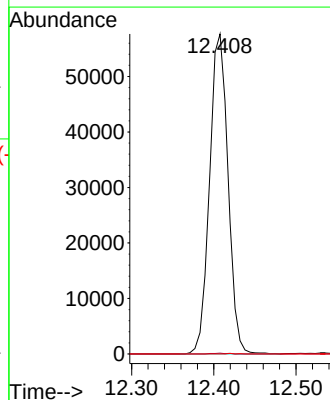
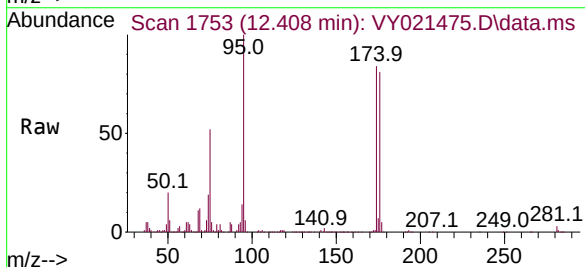
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

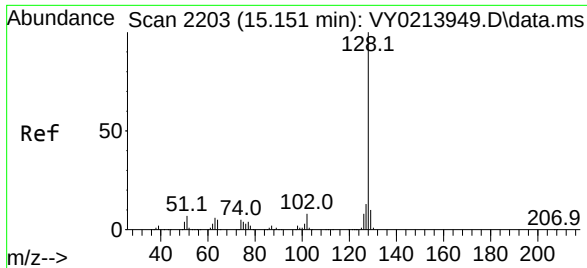
Tgt Ion: 75 Resp: 89861
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.967 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion: 75 Resp: 89861
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 1.991 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021475.D

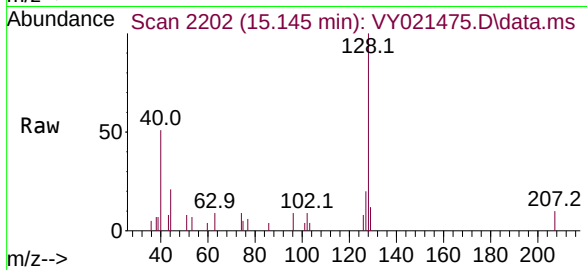
Acq: 11 Mar 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBL01



Tgt Ion:128 Resp: 2311

Ion Ratio Lower Upper

128 100

127 17.3 10.6 15.8#

129 12.6 8.6 13.0

