

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020532.D
 Acq On : 06 Dec 2024 13:33
 Operator : SY/MD
 Sample : P5112-01
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:24:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

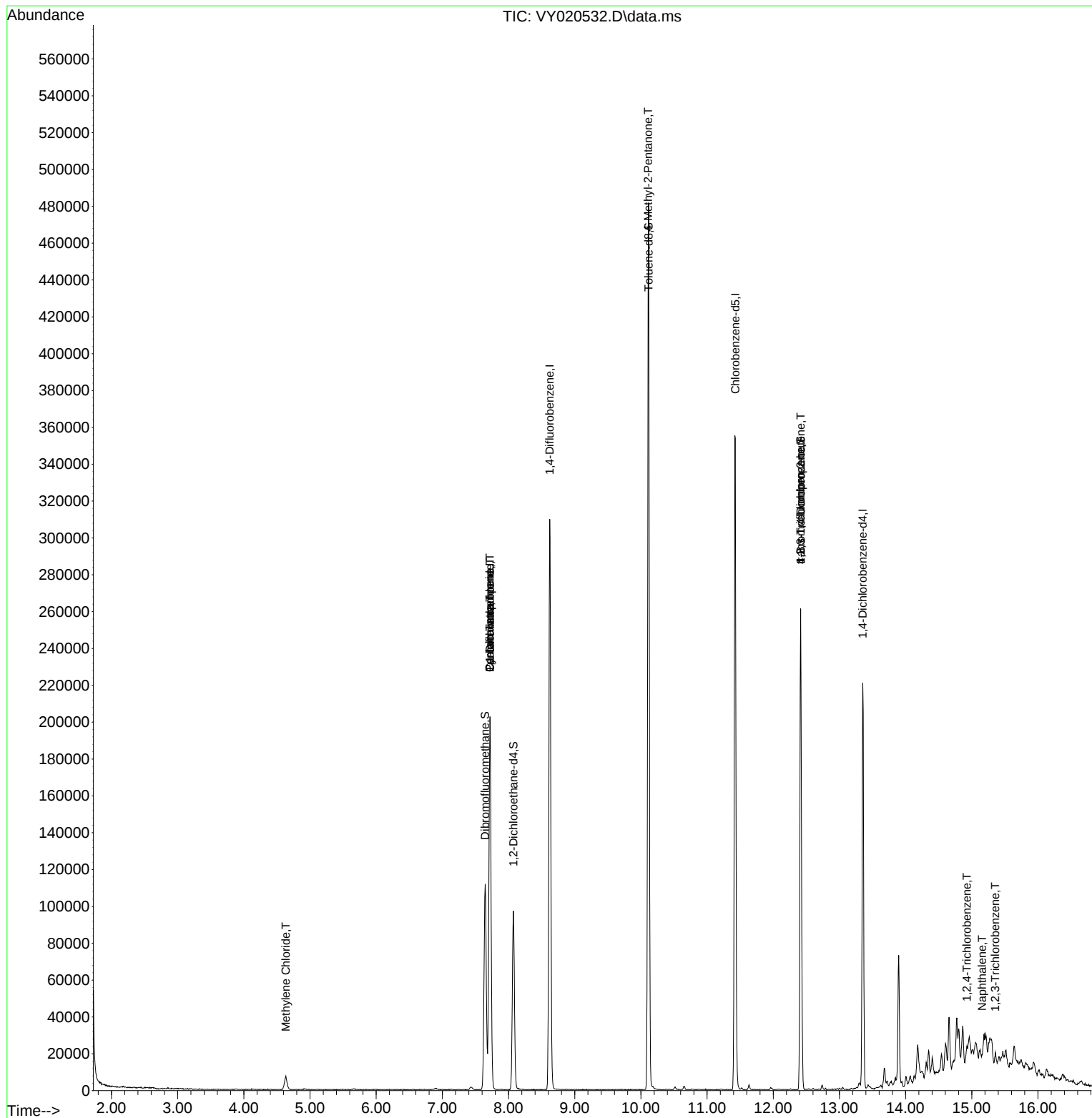
Internal Standards						
1) Pentafluorobenzene	7.719	168	150239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	255398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	189172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	54408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	78795	51.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.140%	
35) Dibromofluoromethane	7.646	113	79914	49.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.400%	
50) Toluene-d8	10.115	98	305761	49.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.414	95	71693	33.481	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 66.960%	
Target Compounds						
20) Methylene Chloride	4.635	84	5056	3.128	ug/l	Qvalue 91
31) Cyclohexane	7.719	56	3484	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	12649	4.659	ug/l #	51
38) Carbon Tetrachloride	7.719	117	16203	5.000	ug/l #	15
51) 4-Methyl-2-Pentanone	10.109	43	1400	1.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	39262	70.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	39262	145.350	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.925	180	1015	1.012	ug/l #	41
95) Naphthalene	15.157	128	2820	1.738	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.352	180	1374	1.698	ug/l #	46

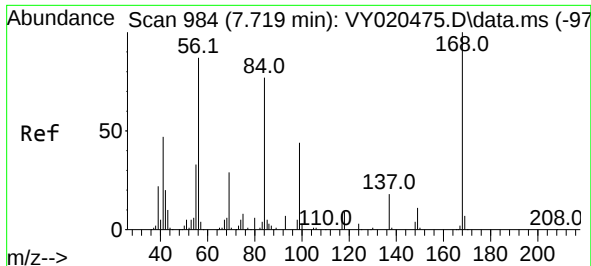
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
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Quant Time: Dec 07 03:24:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

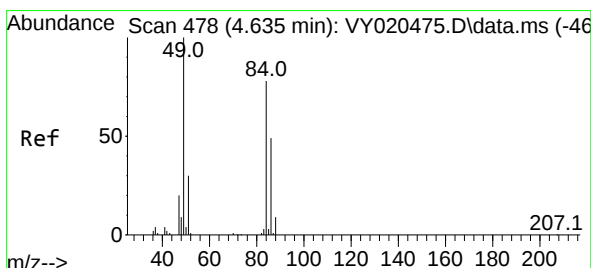
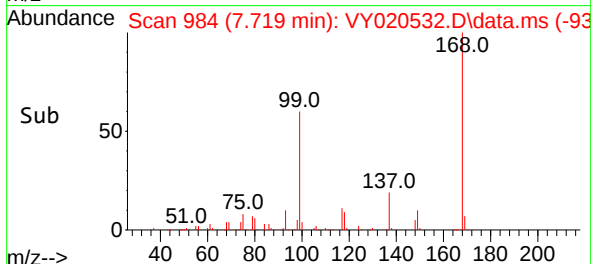
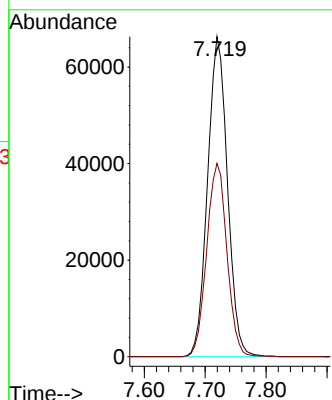
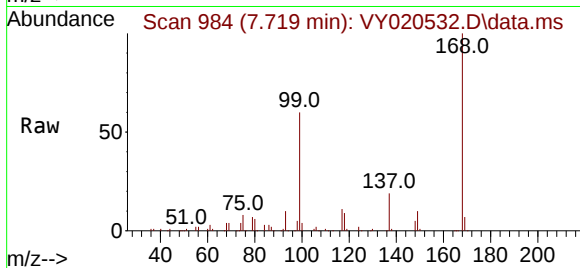




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

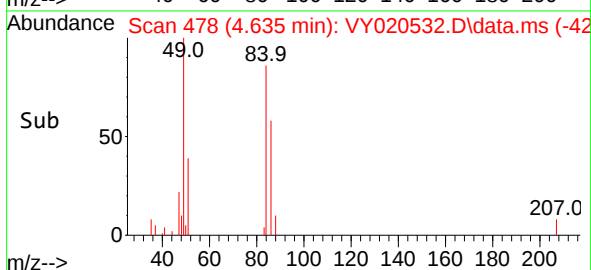
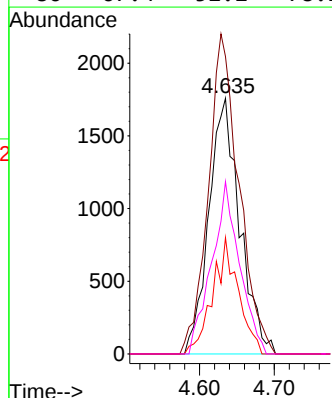
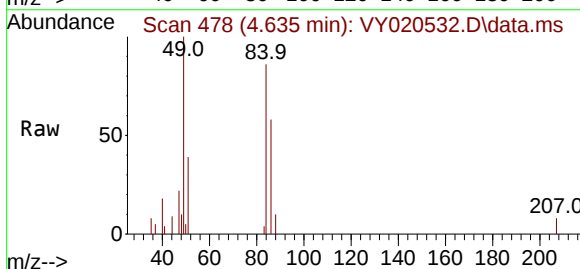
Instrument :
MSVOA_Y
ClientSampleId :

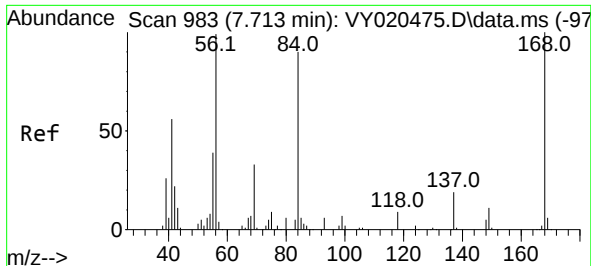
Tgt Ion:168 Resp: 150239
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#20
Methylene Chloride
Concen: 3.128 ug/l
RT: 4.635 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

Tgt Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
49 116.3 104.7 157.1
51 45.5 33.4 50.0
86 67.4 52.2 78.2

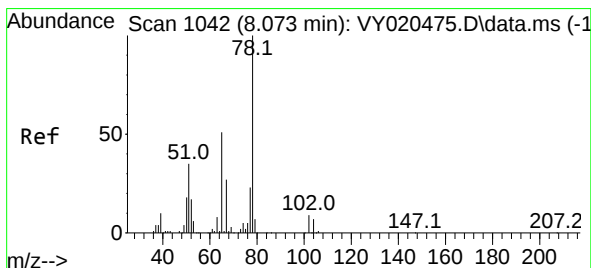
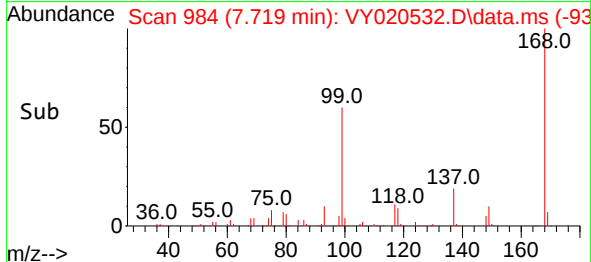
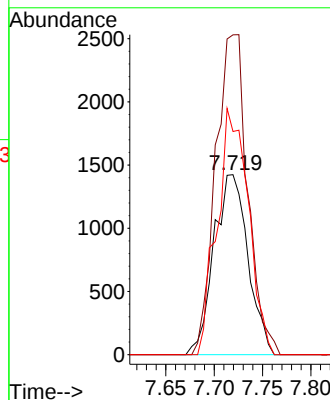
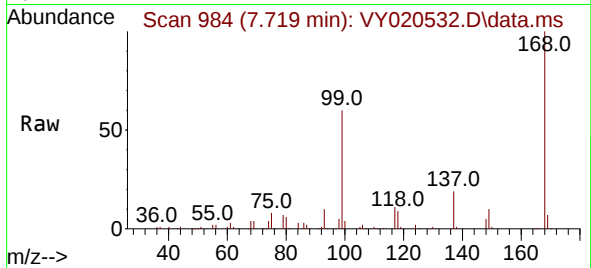




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

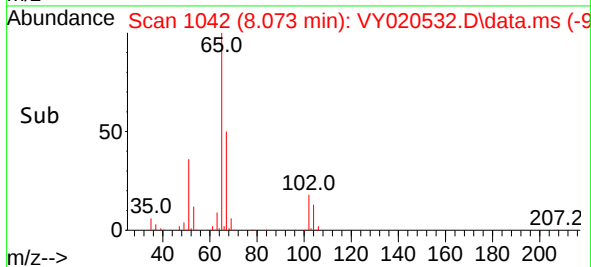
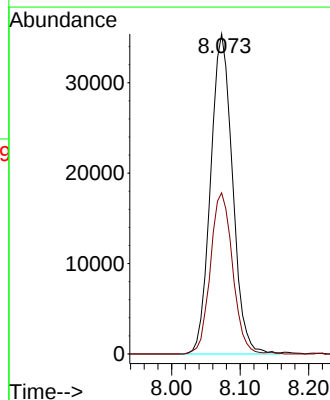
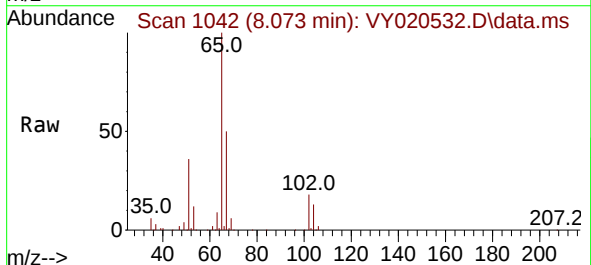
Instrument :
MSVOA_Y
ClientSampleId :

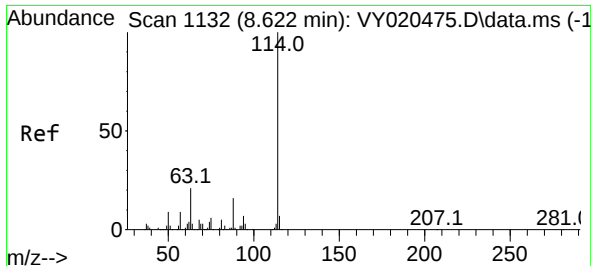
Tgt Ion: 56 Resp: 3484
Ion Ratio Lower Upper
56 100
69 177.7 25.3 37.9#
84 124.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.569 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

Tgt Ion: 65 Resp: 78795
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

Instrument :

MSVOA_Y

ClientSampleId :

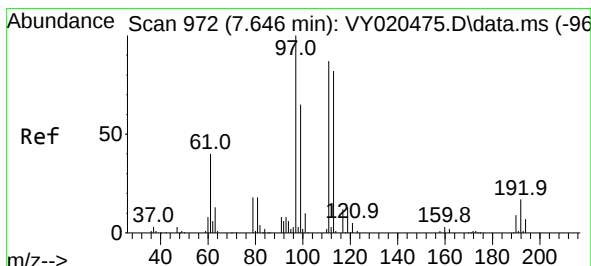
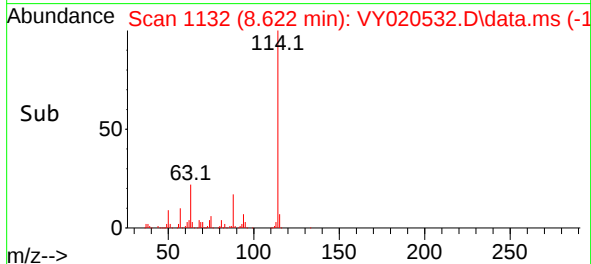
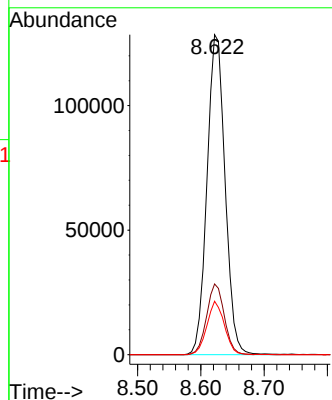
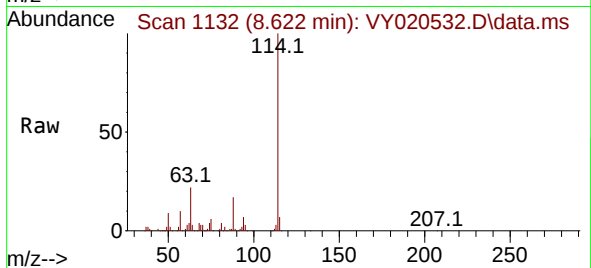
Tgt Ion:114 Resp: 255398

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.8

88 16.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.702 ug/l

RT: 7.646 min Scan# 972

Delta R.T. -0.000 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

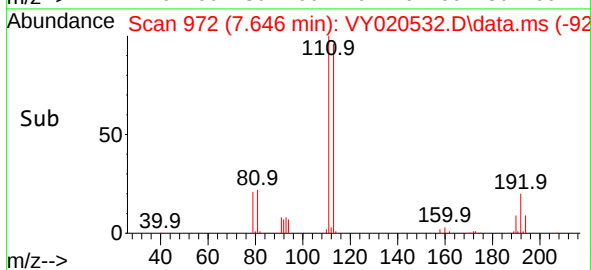
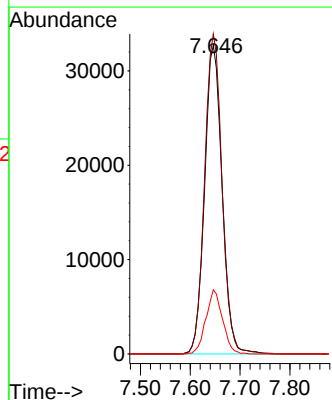
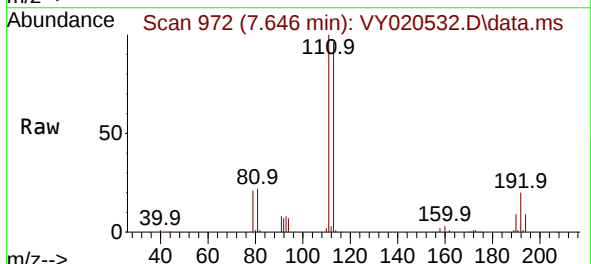
Tgt Ion:113 Resp: 79914

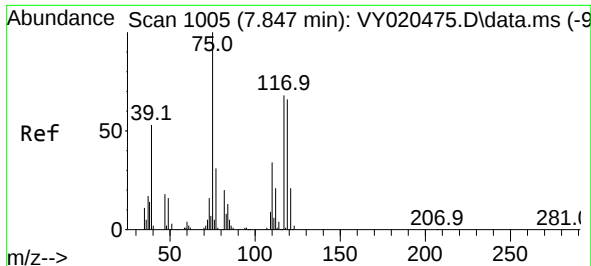
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.8 15.1 22.7

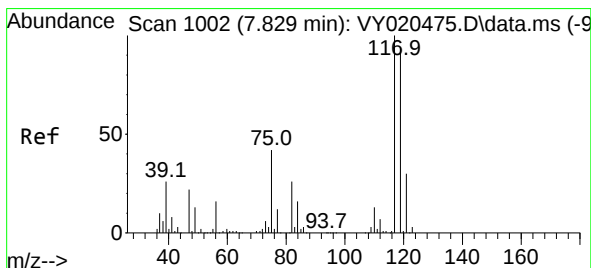
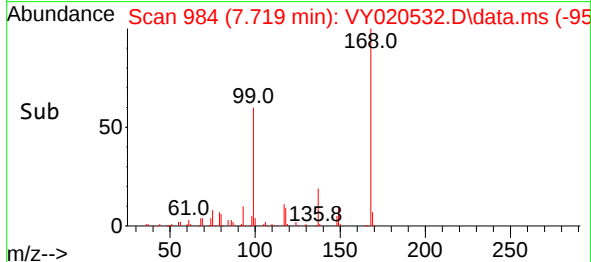
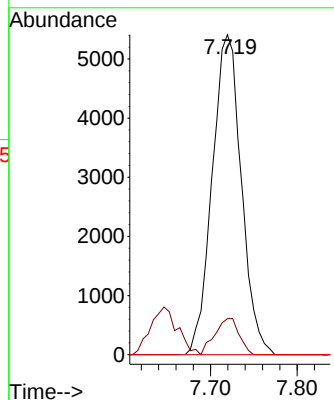
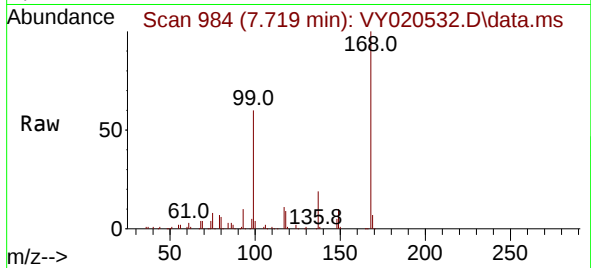




#36
1,1-Dichloropropene
Concen: 4.659 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.128 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

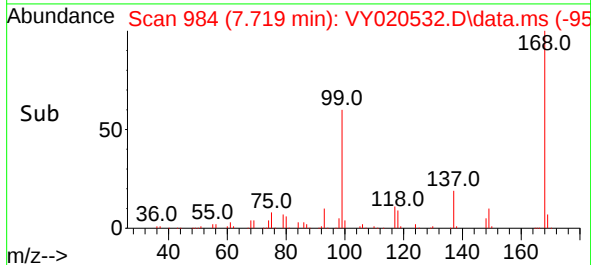
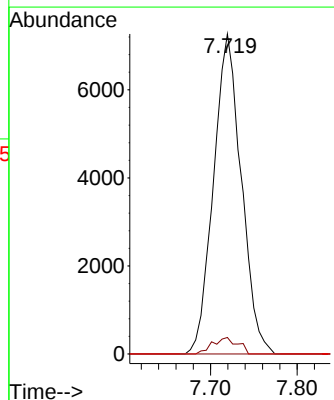
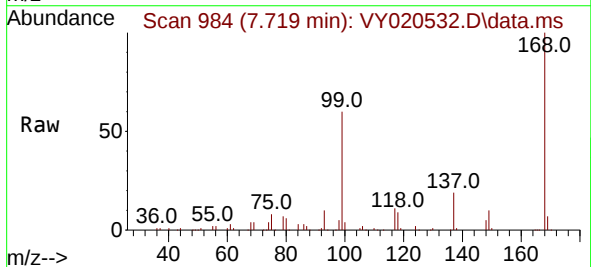
Instrument :
MSVOA_Y
ClientSampleId :

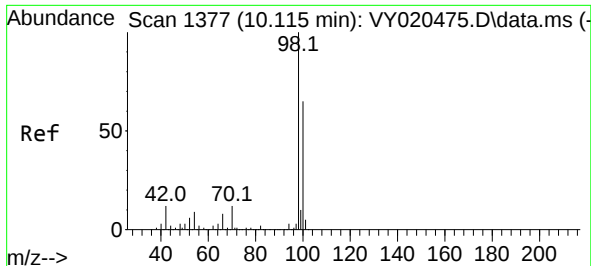
Tgt Ion: 75 Resp: 12649
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

Tgt Ion: 117 Resp: 16203
Ion Ratio Lower Upper
117 100
119 5.2 77.8 116.6#
121 0.0 24.6 37.0#

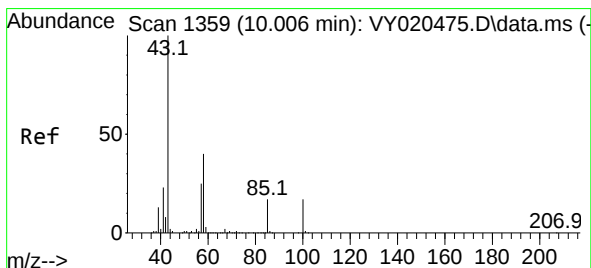
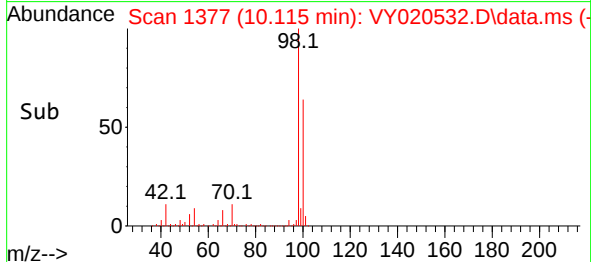
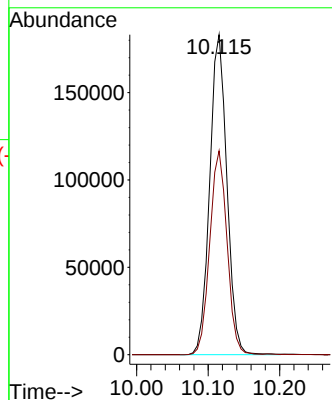
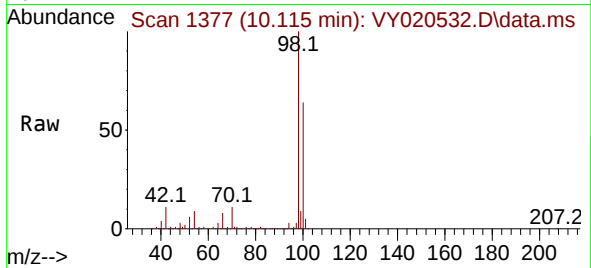




#50
Toluene-d8
Concen: 49.941 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

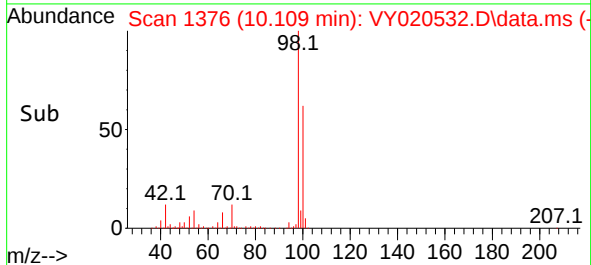
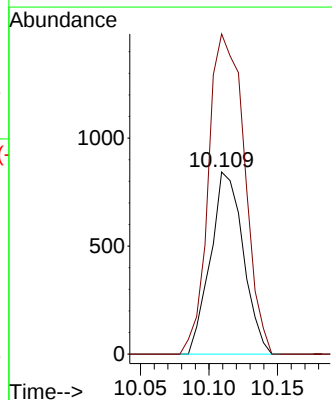
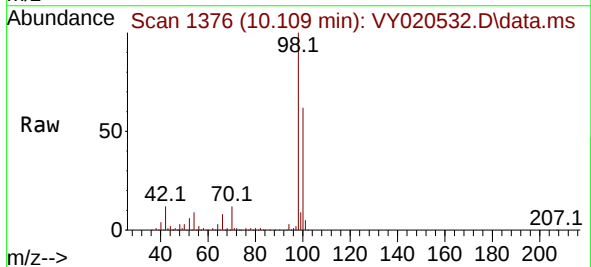
Instrument :
MSVOA_Y
ClientSampleId :

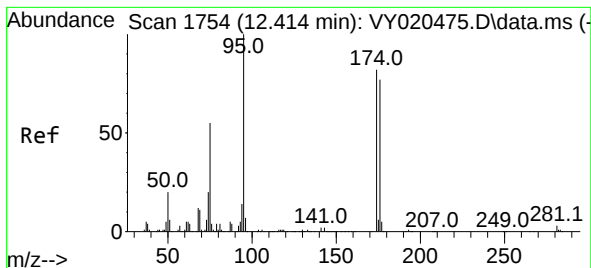
Tgt Ion: 98 Resp: 305761
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.305 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.104 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 192.7 30.9 46.3#

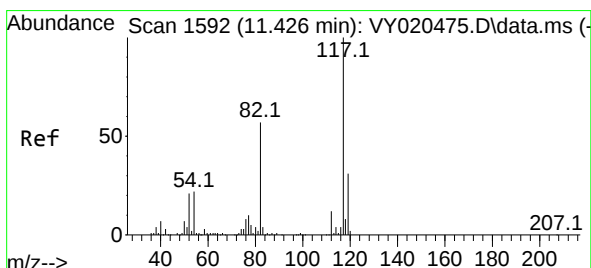
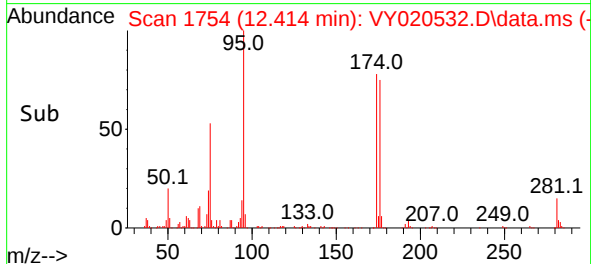
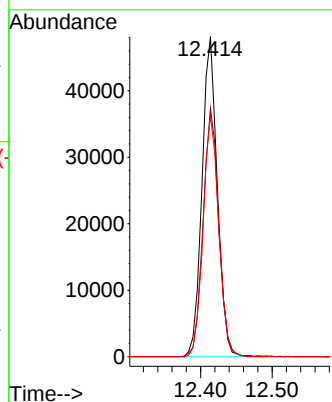
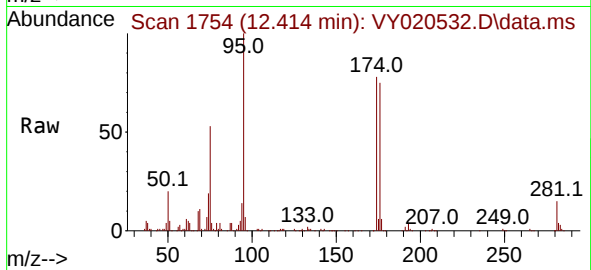




#62
4-Bromofluorobenzene
Concen: 33.481 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

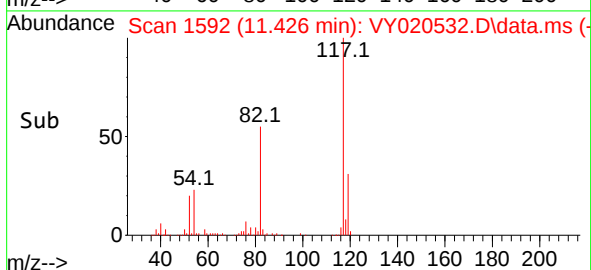
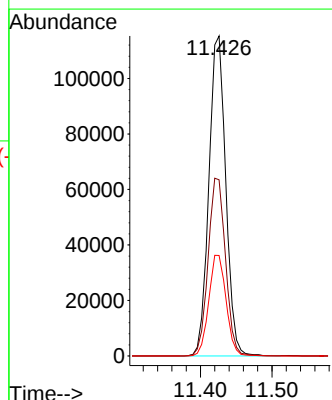
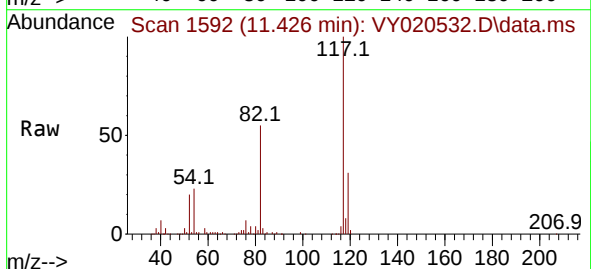
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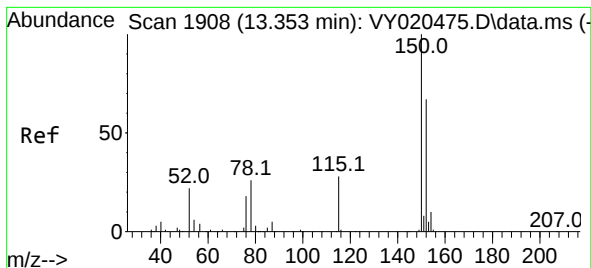
Tgt Ion: 95 Resp: 71693
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.8
176 76.8 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. -0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

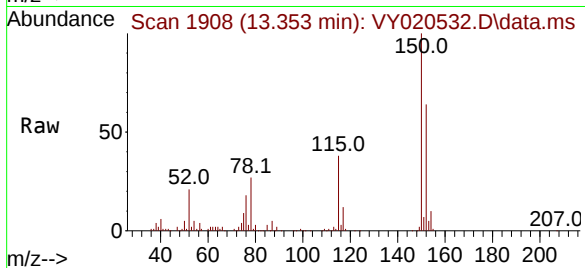
Tgt Ion: 117 Resp: 189172
Ion Ratio Lower Upper
117 100
82 55.0 48.2 72.4
119 31.4 25.8 38.8



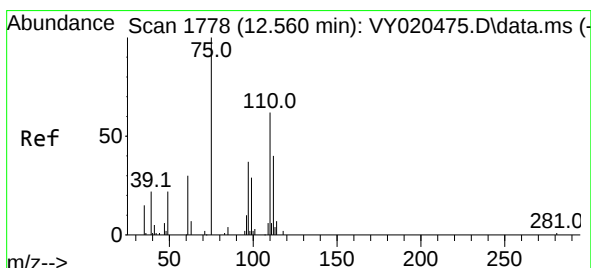
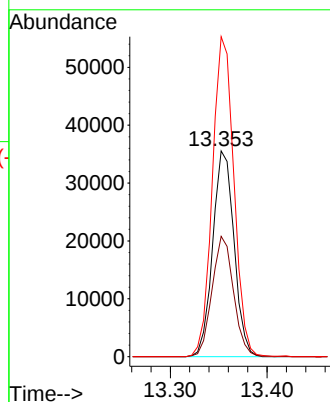
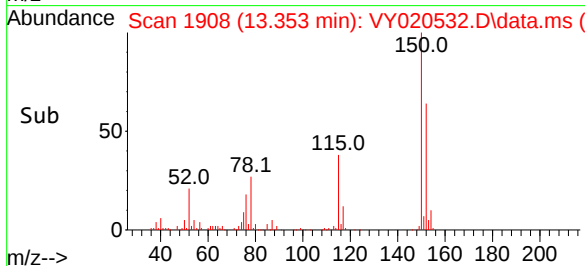


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

Instrument :
MSVOA_Y
ClientSampleId :

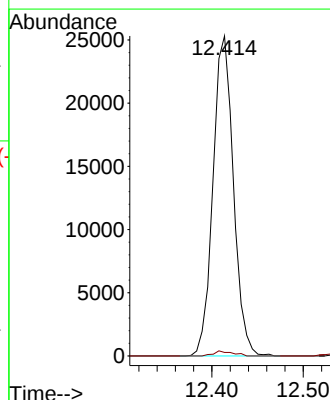
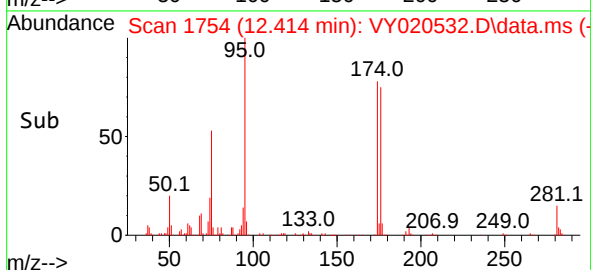
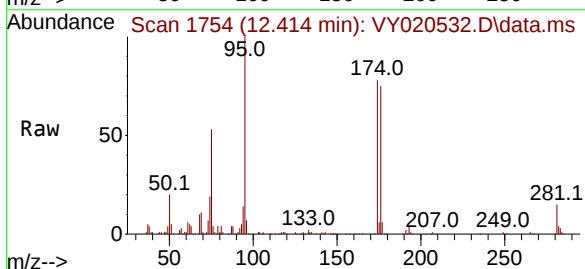


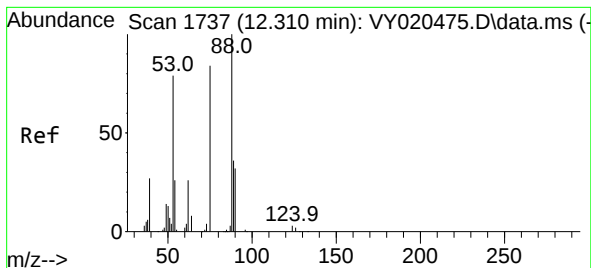
Tgt Ion:152 Resp: 54408
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 157.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 70.839 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

Tgt Ion: 75 Resp: 39262
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

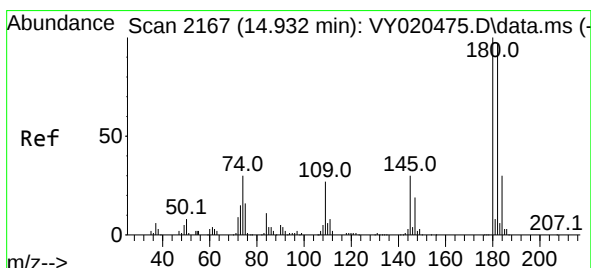
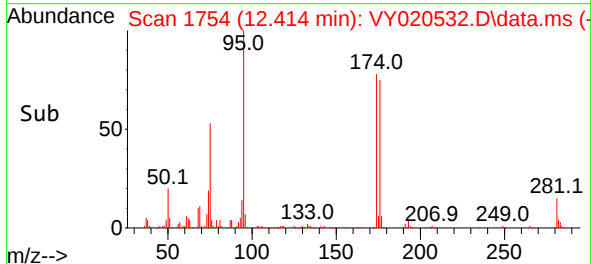
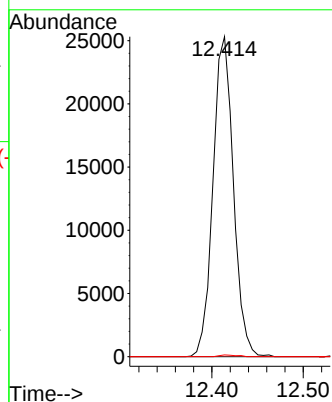
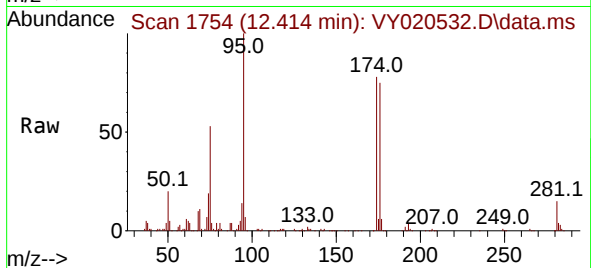




#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.350 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020532.D
 Acq: 06 Dec 2024 13:33

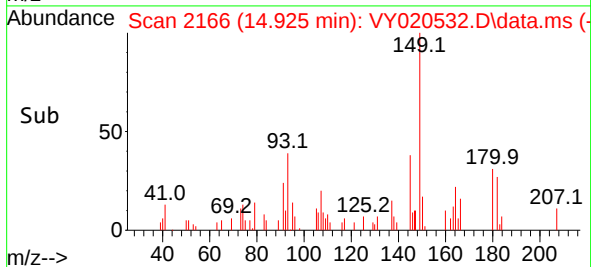
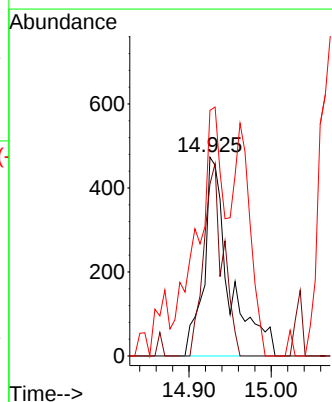
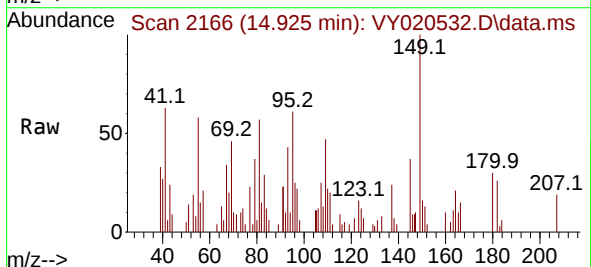
Instrument :
 MSVOA_Y
 ClientSampleId :

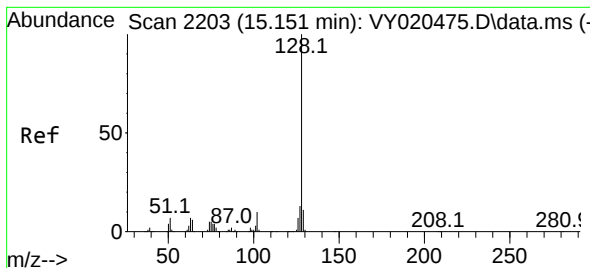
Tgt Ion: 75 Resp: 39262
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.4 35.1 52.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.012 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VY020532.D
 Acq: 06 Dec 2024 13:33

Tgt Ion:180 Resp: 1015
 Ion Ratio Lower Upper
 180 100
 182 73.5 47.6 142.8
 145 124.9 15.8 47.3#





#95

Naphthalene

Concen: 1.738 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

Instrument :

MSVOA_Y

ClientSampleId :

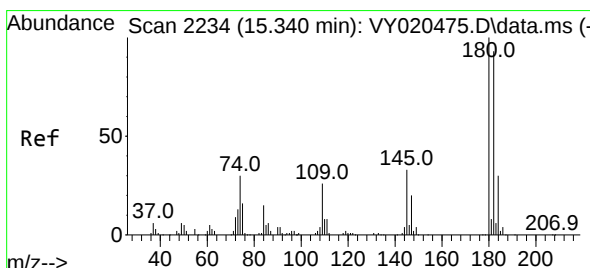
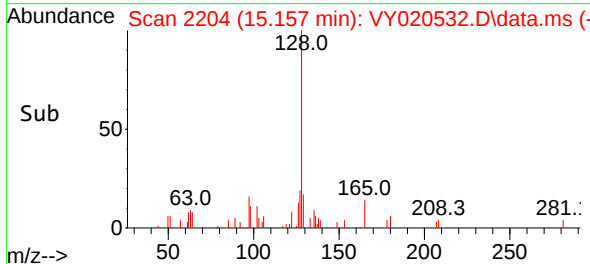
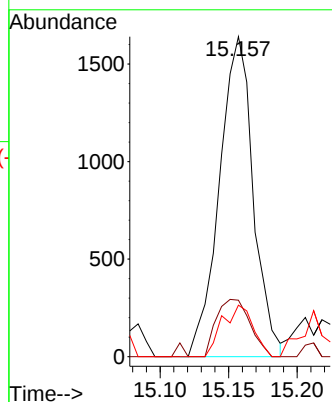
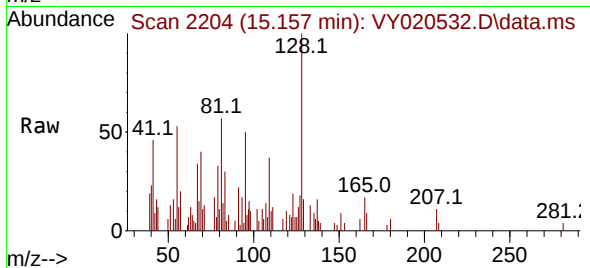
Tgt Ion:128 Resp: 2820

Ion Ratio Lower Upper

128 100

127 17.9 10.5 15.7#

129 14.7 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.698 ug/l

RT: 15.352 min Scan# 2236

Delta R.T. 0.012 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

Tgt Ion:180 Resp: 1374

Ion Ratio Lower Upper

180 100

182 53.2 47.4 142.3

145 82.7 16.9 50.6#

