

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021605.D
 Acq On : 21 Mar 2025 17:22
 Operator : SY/MD
 Sample : Q1610-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

Quant Time: Mar 21 23:12:53 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)

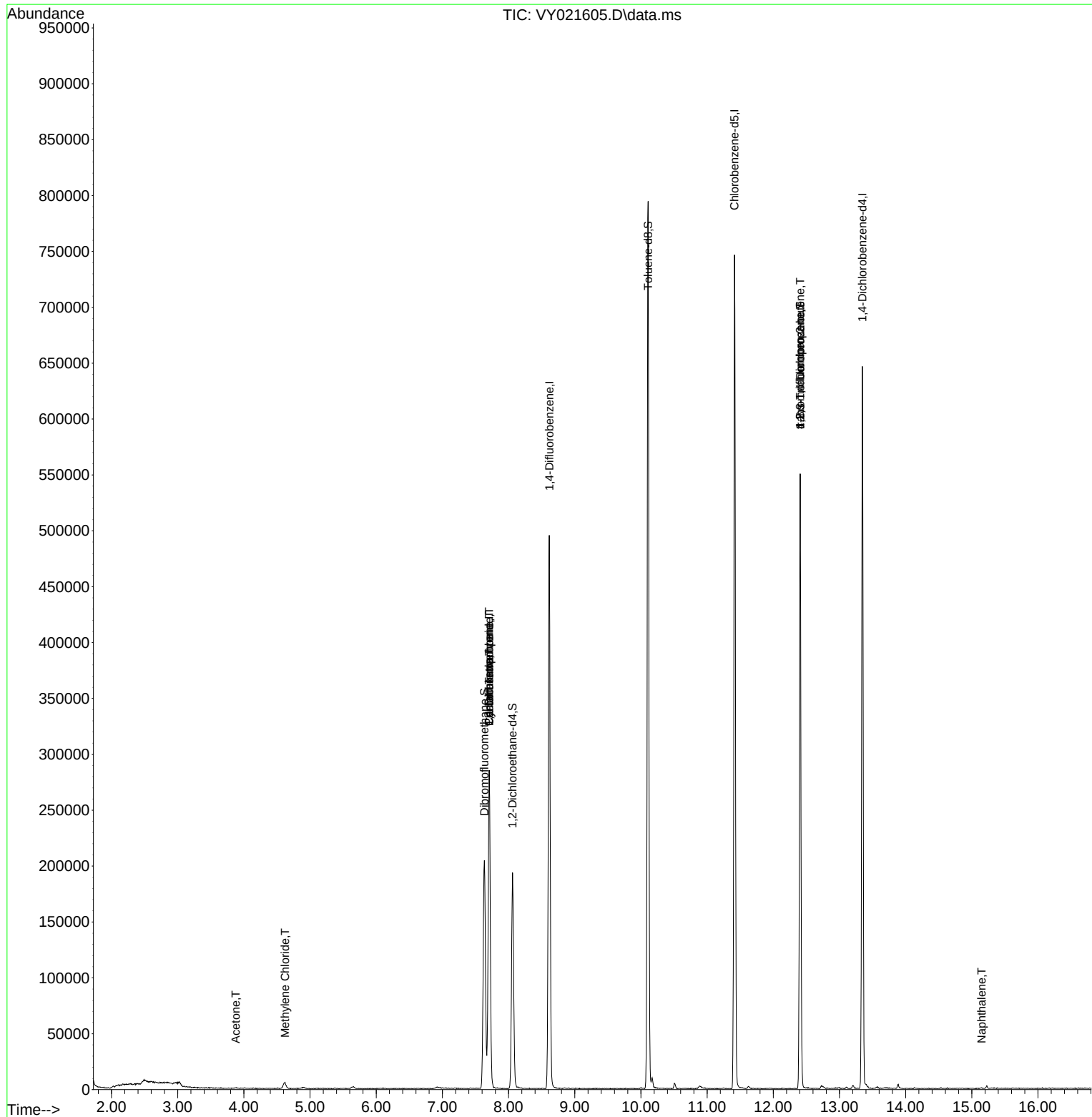
Internal Standards						
1) Pentafluorobenzene	7.707	168	202874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	401017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	376483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150210	70.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.100%	
35) Dibromofluoromethane	7.634	113	143954	54.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.109	98	497927	49.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.407	95	156632	46.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	417	Below Cal		95
16) Acetone	3.878	43	786	1.681	ug/l #	84
20) Methylene Chloride	4.622	84	3744	1.525	ug/l	94
31) Cyclohexane	7.707	56	4722	1.176	ug/l #	3
36) 1,1-Dichloropropene	7.707	75	17188	4.166	ug/l #	50
38) Carbon Tetrachloride	7.707	117	21128	4.452	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	85022	54.891	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	85022	124.784	ug/l #	9
95) Naphthalene	15.151	128	563	1.584	ug/l #	73

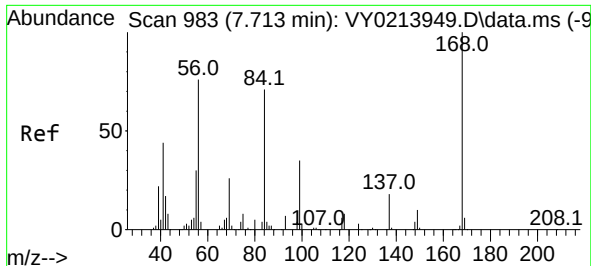
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
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Sample : Q1610-02
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

Quant Time: Mar 21 23:12:53 2025
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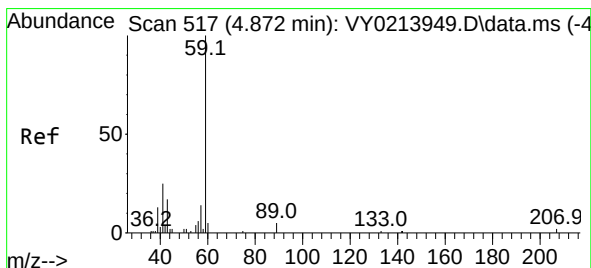
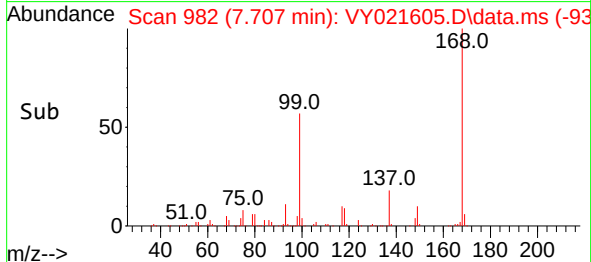
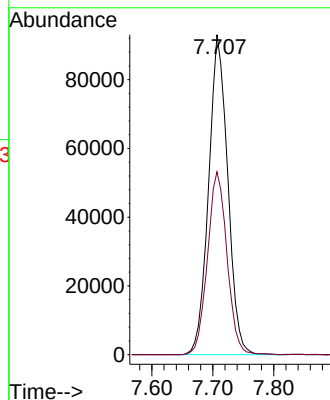
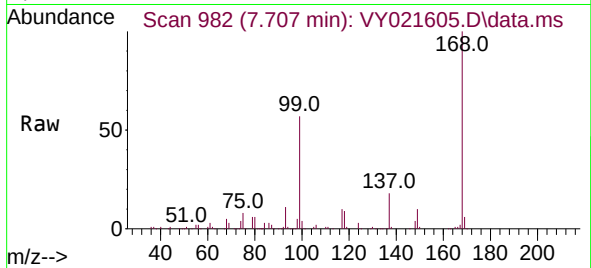




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

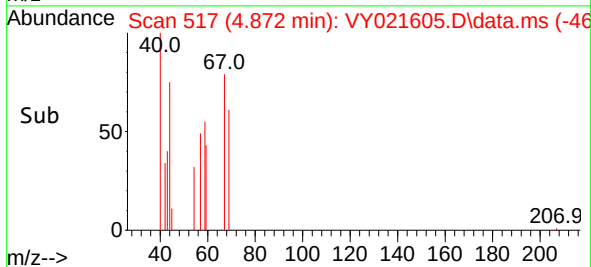
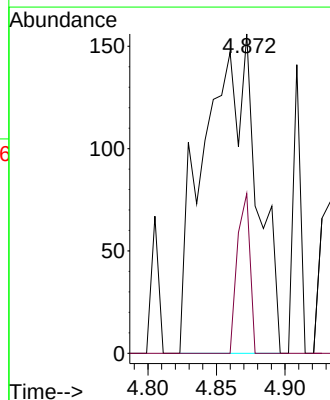
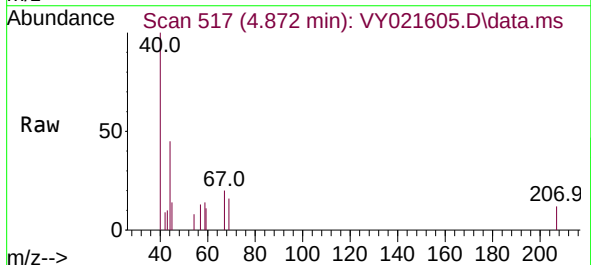
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

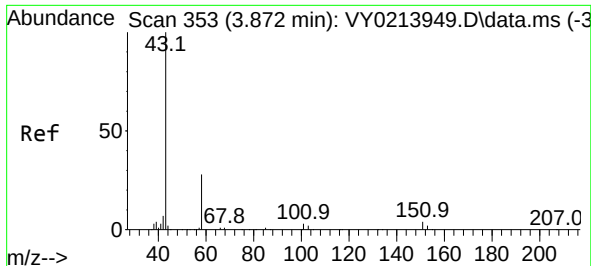
Tgt Ion:168 Resp: 202874
Ion Ratio Lower Upper
168 100
99 57.1 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 12.0 8.2 12.4

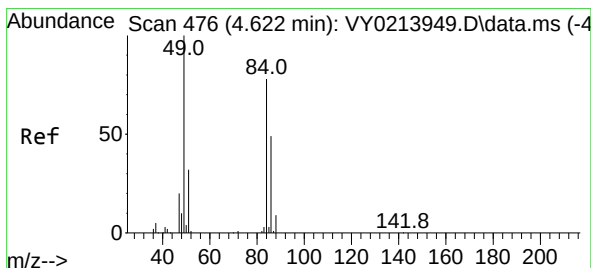
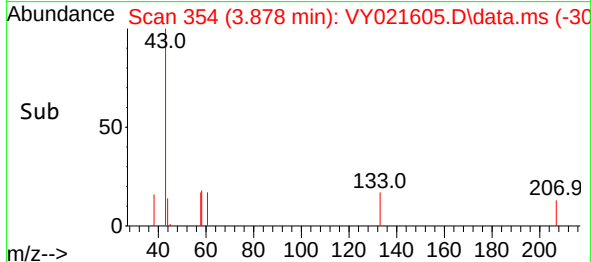
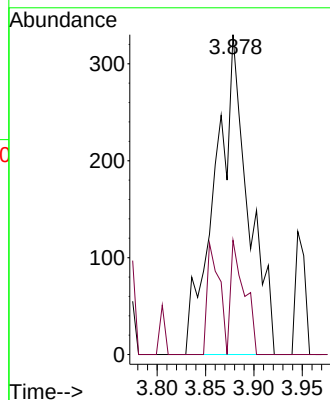
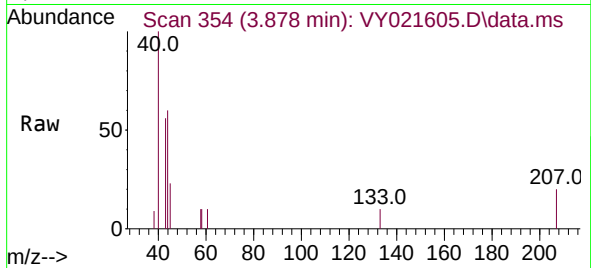




#16
Acetone
Concen: 1.681 ug/l
RT: 3.878 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

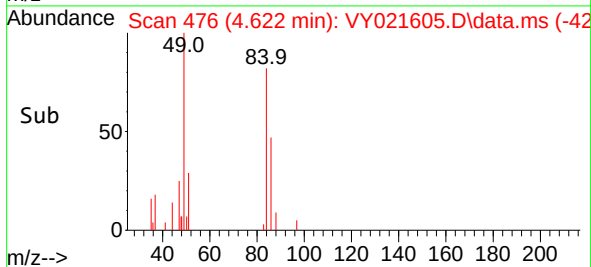
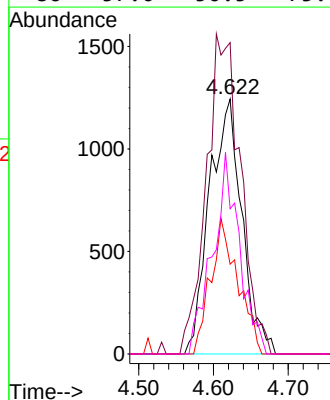
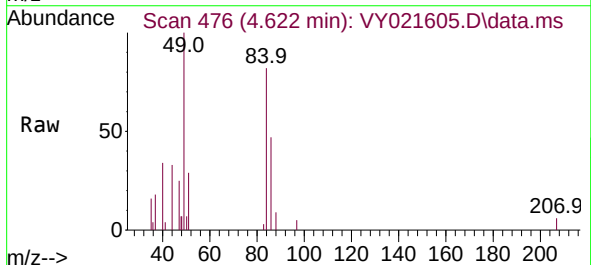
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MSVOA_Y
ClientSampleId :
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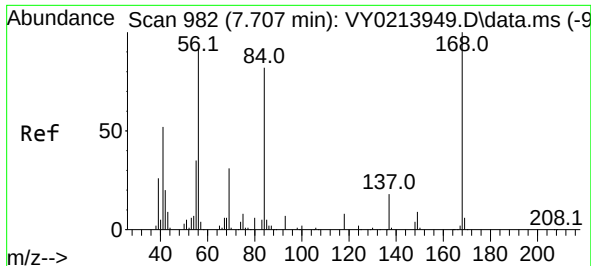
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 35.8 22.1 33.1#



#20
Methylene Chloride
Concen: 1.525 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 84 Resp: 3744
Ion Ratio Lower Upper
84 100
49 122.2 102.0 153.0
51 35.2 33.0 49.6
86 57.0 50.5 75.7

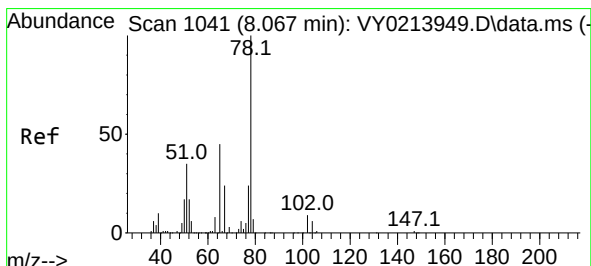
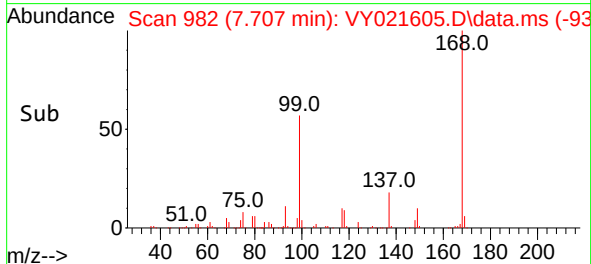
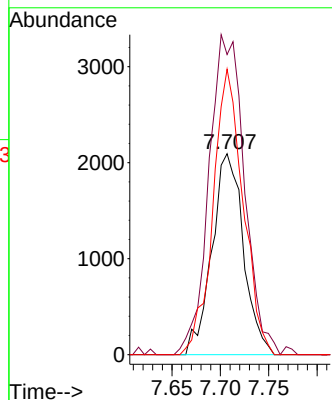
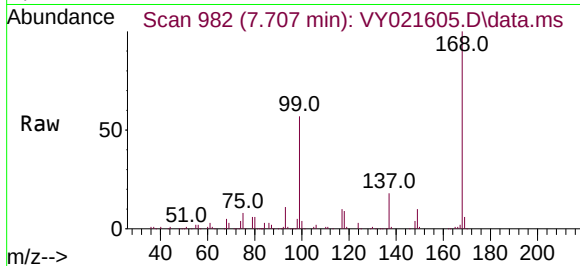




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

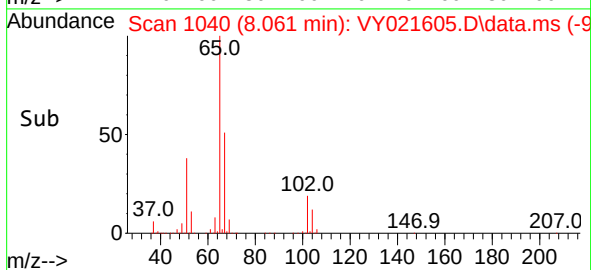
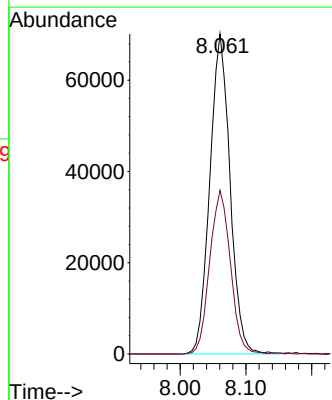
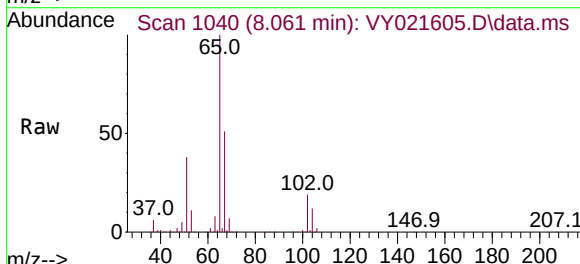
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

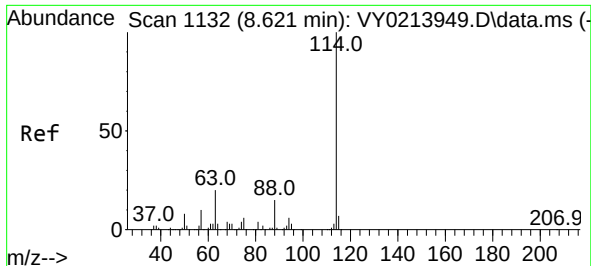
Tgt Ion: 56 Resp: 4722
Ion Ratio Lower Upper
56 100
69 149.4 27.0 40.4#
84 142.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 70.052 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 65 Resp: 150210
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.8

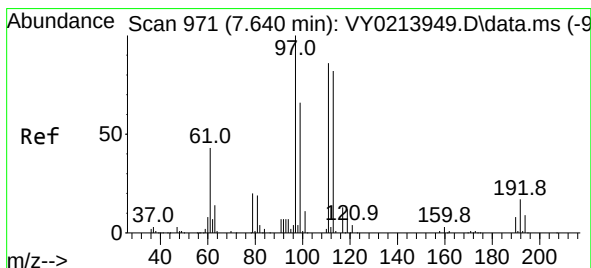
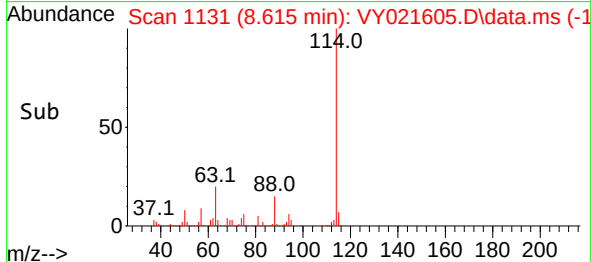
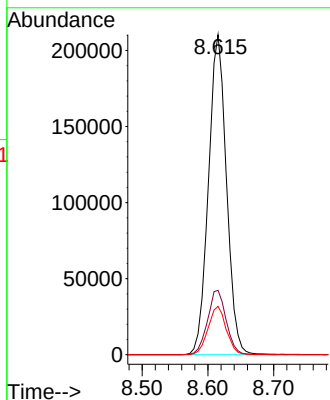
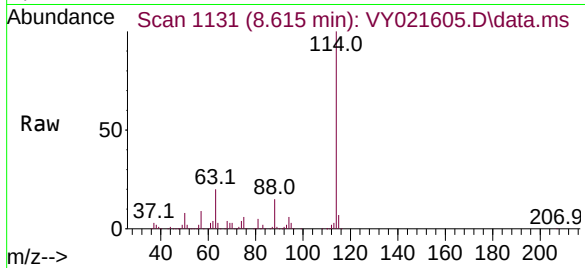




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

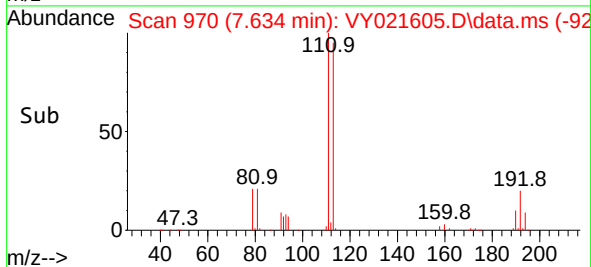
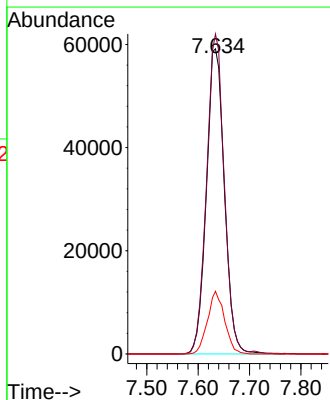
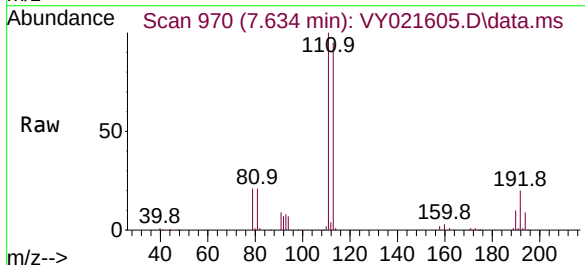
Instrument :
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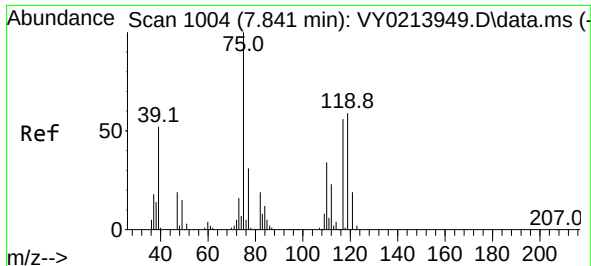
Tgt Ion:114 Resp: 401017
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.612 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion:113 Resp: 143954
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 19.5 15.9 23.9

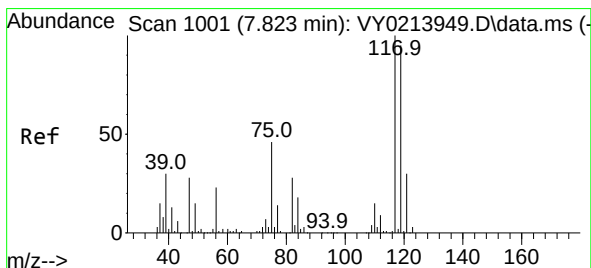
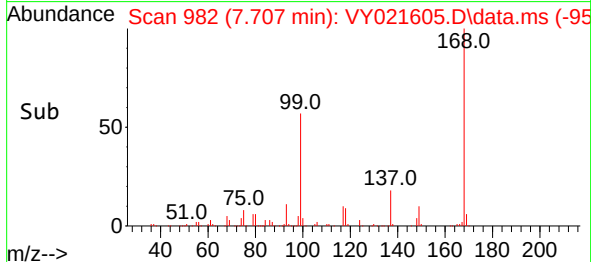
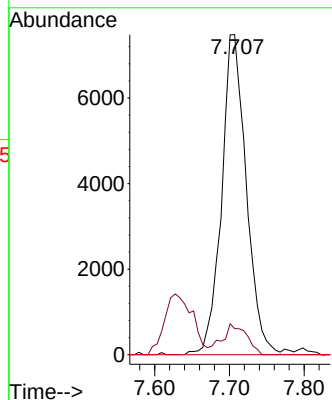
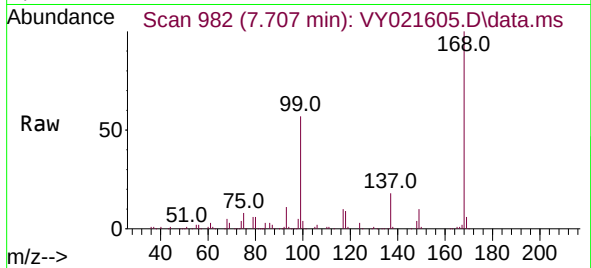




#36
1,1-Dichloropropene
Concen: 4.166 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

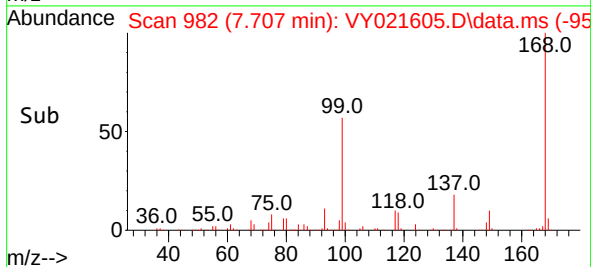
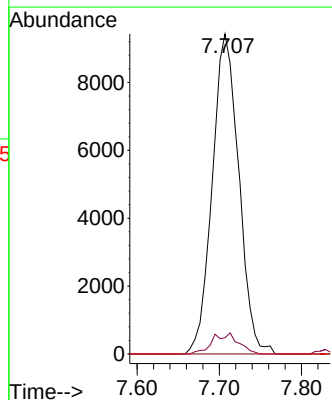
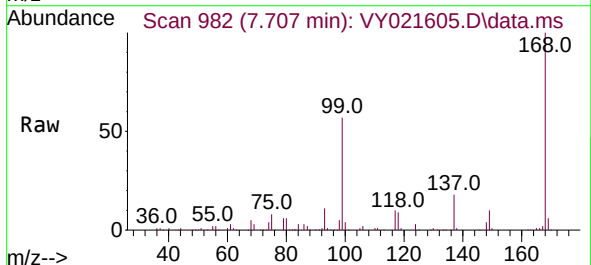
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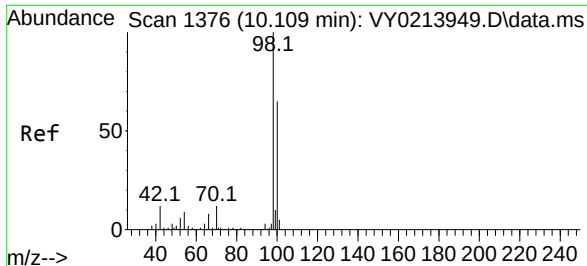
Tgt Ion: 75 Resp: 17188
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.452 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 117 Resp: 21128
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 23.9 35.9#

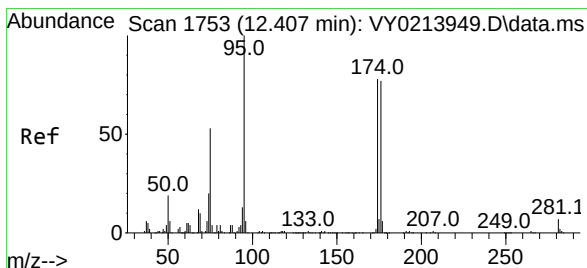
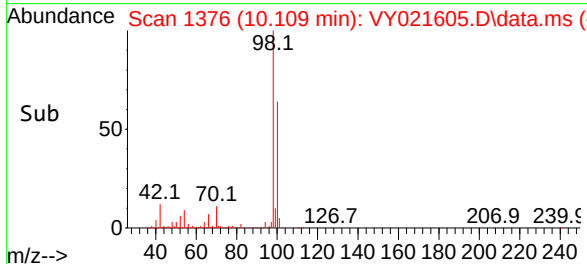
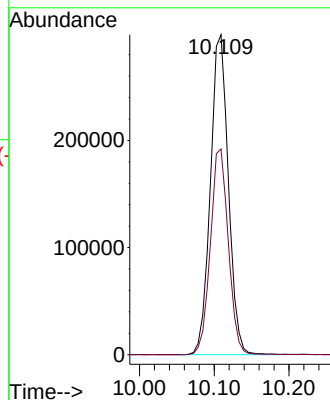
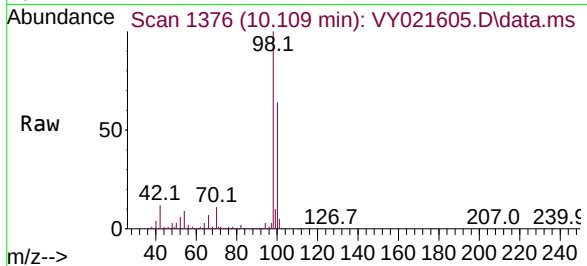




#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

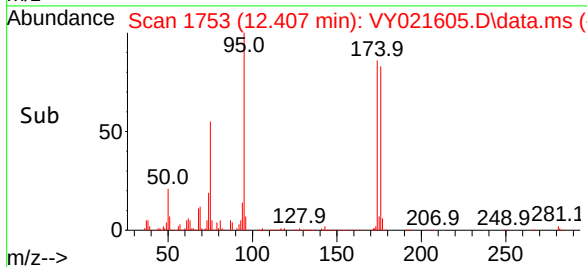
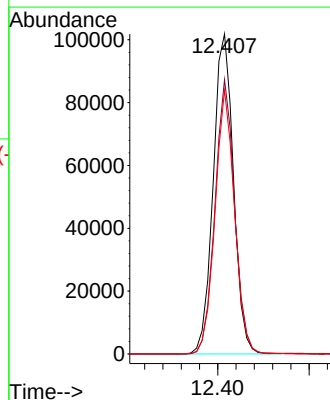
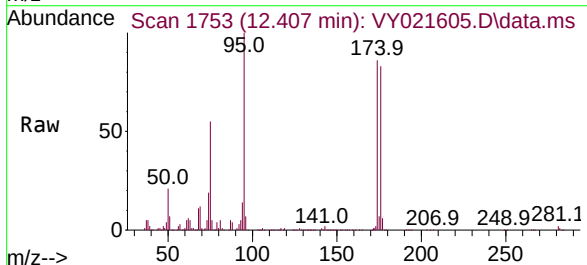
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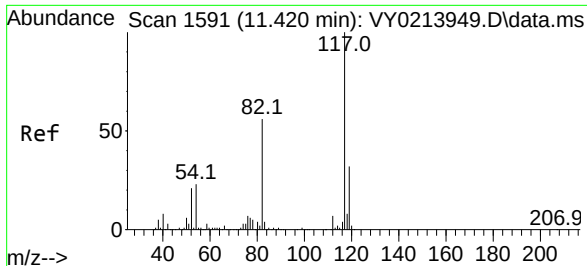
Tgt Ion: 98 Resp: 497927
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.137 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 95 Resp: 156632
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 79.4 0.0 160.0

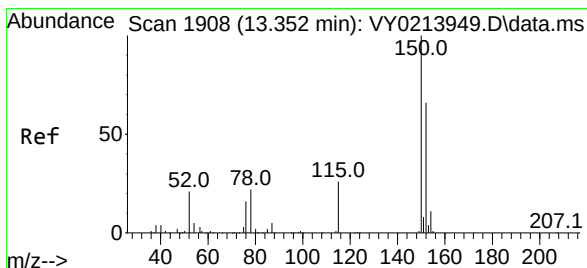
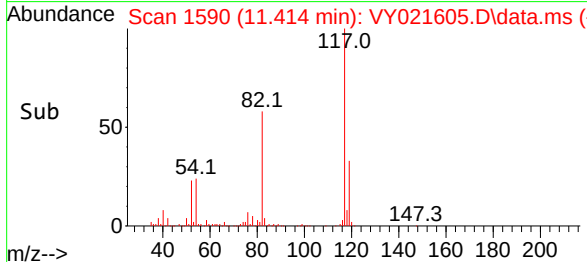
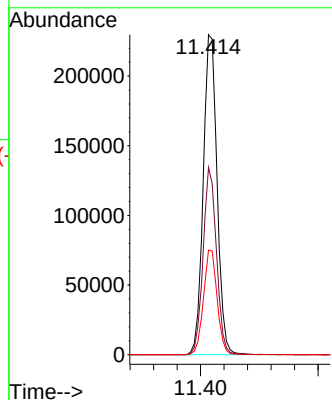
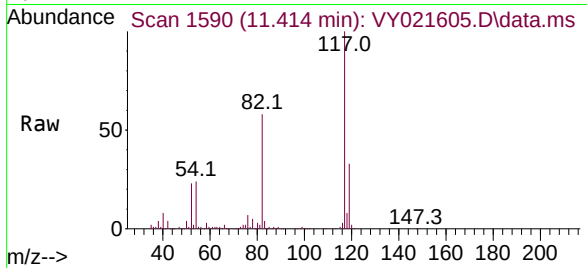




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

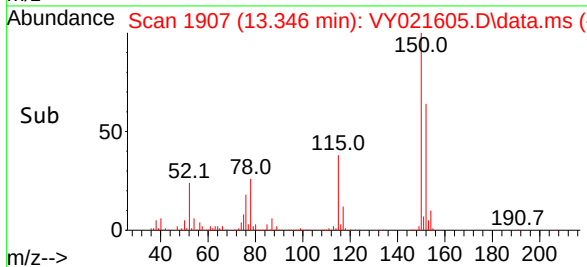
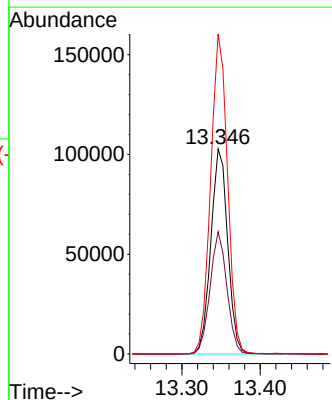
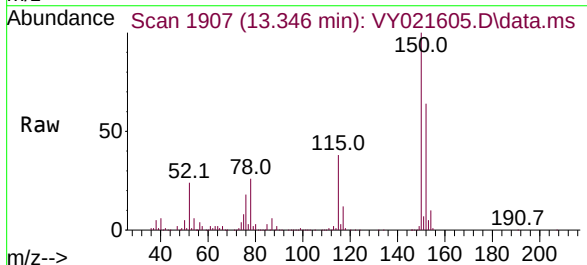
Instrument :
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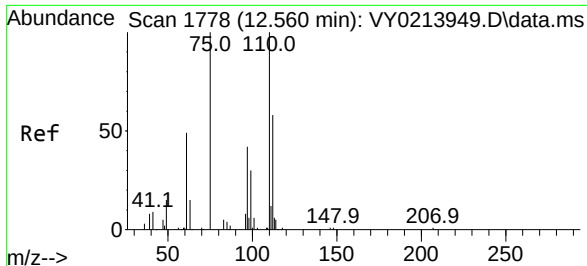
Tgt Ion:117 Resp: 376483
Ion Ratio Lower Upper
117 100
82 58.5 44.6 67.0
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion:152 Resp: 153712
Ion Ratio Lower Upper
152 100
115 59.4 29.0 87.0
150 156.0 0.0 347.2

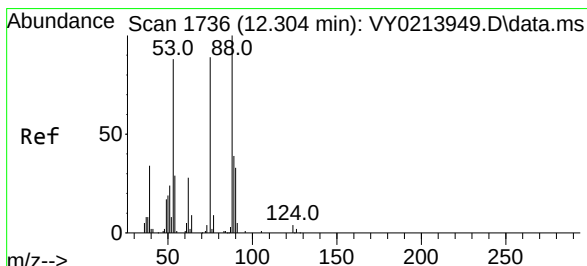
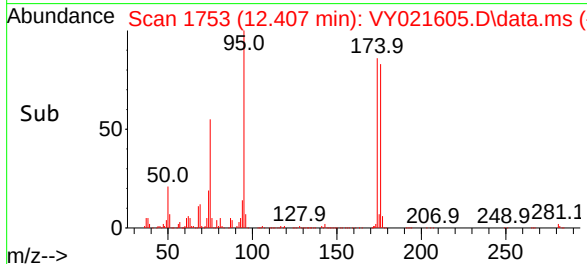
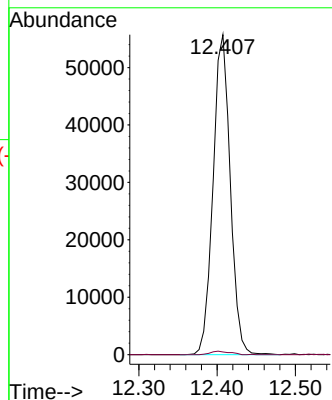
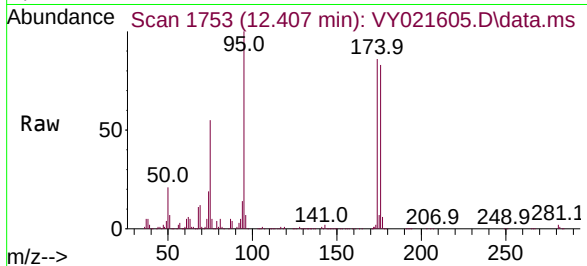




#76
1,2,3-Trichloropropane
Concen: 54.891 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

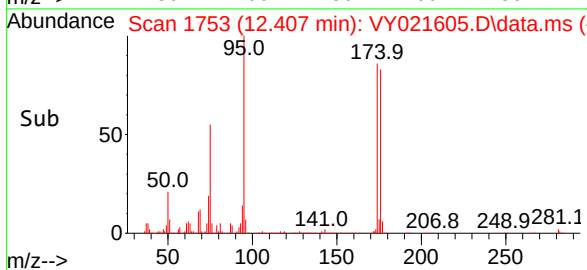
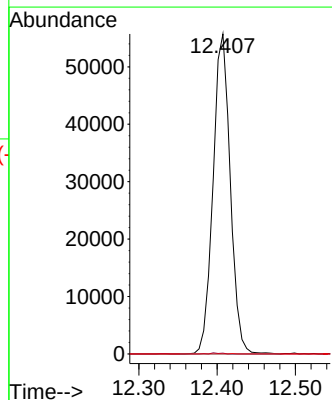
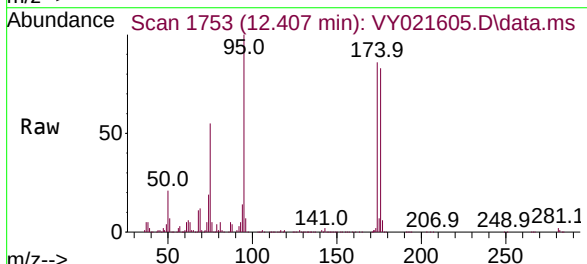
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

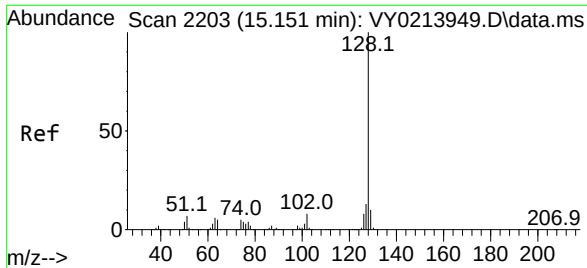
Tgt Ion: 75 Resp: 85022
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.784 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 75 Resp: 85022
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.4#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 1.584 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY021605.D

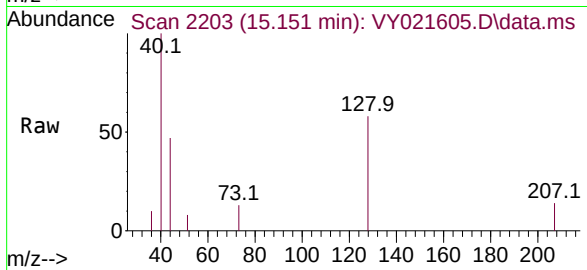
Acq: 21 Mar 2025 17:22

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE



Tgt Ion:128 Resp: 563

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 3.6 8.6 13.0#

