

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012461.D
 Acq On : 02 Feb 2023 17:24
 Operator : KP/MD
 Sample : 01403-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NPWAYNE-SOIL-0201

Quant Time: Feb 03 03:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

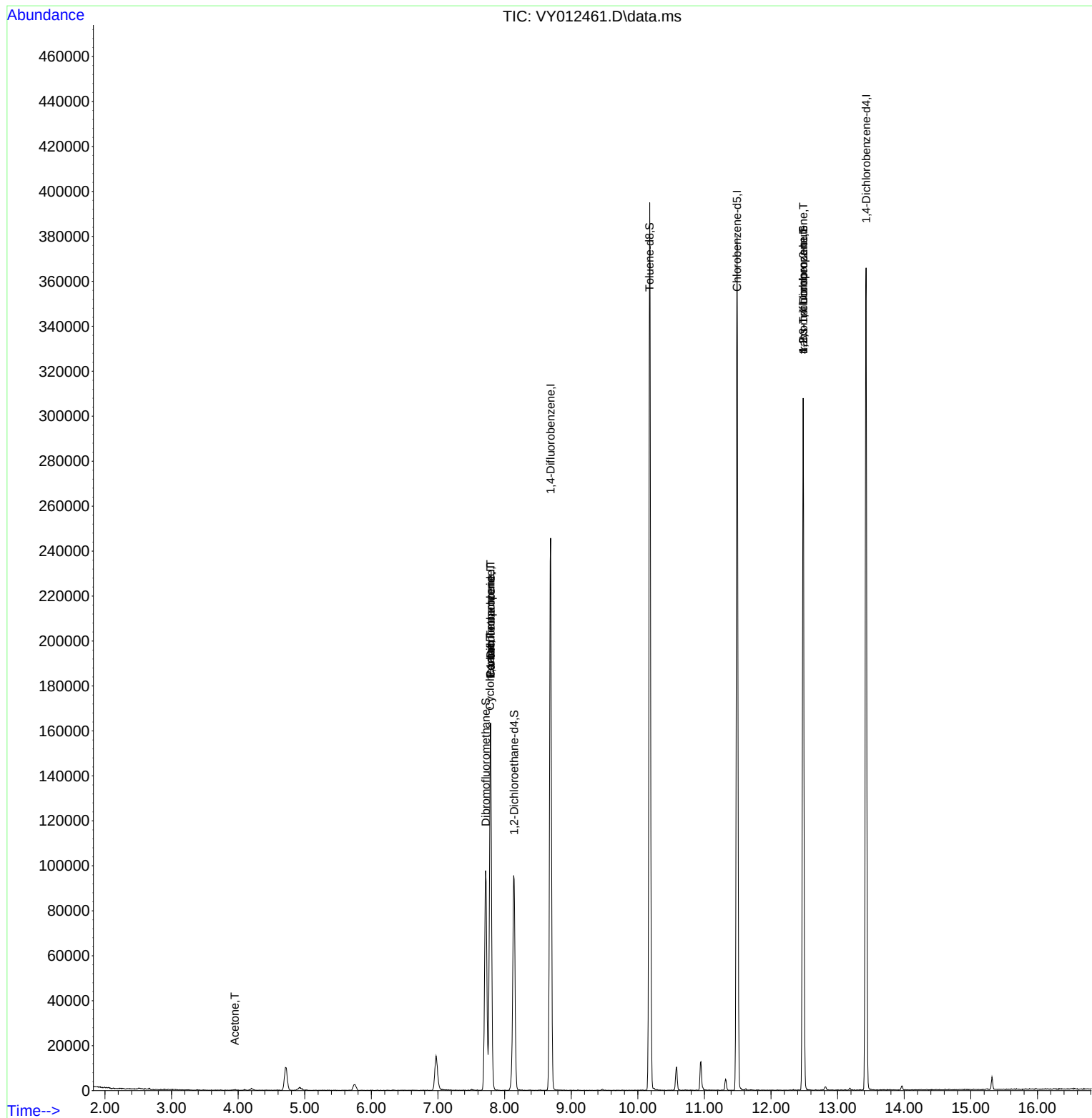
Internal Standards						
1) Pentafluorobenzene	7.789	168	126701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	216916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80178	78.593	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.180%			
35) Dibromofluoromethane	7.716	113	66947	58.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.600%			
50) Toluene-d8	10.179	98	260720	66.998	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 134.000%			
62) 4-Bromofluorobenzene	12.483	95	88049	54.390	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.780%			
Target Compounds						
11) Tert butyl alcohol	4.924	59	1506	Below Cal	#	74
16) Acetone	3.948	43	559	1.584	ug/l #	40
20) Methylene Chloride	4.716	84	8294	Below Cal	#	88
31) Cyclohexane	7.783	56	2229	1.207	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8549	4.380	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12453	4.940	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	46422	50.926	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46422	104.930	ug/l #	13

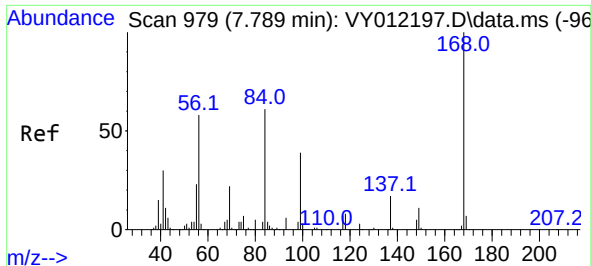
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
NPWAYNE-SOIL-0201

Quant Time: Feb 03 03:13:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
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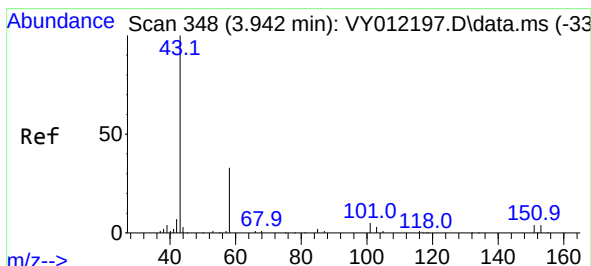
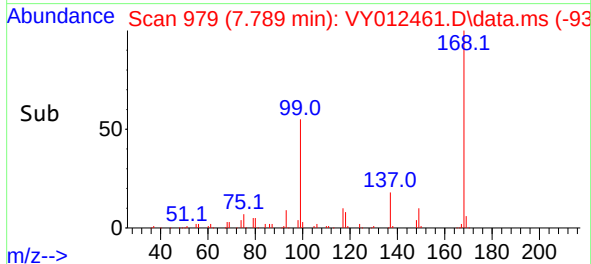
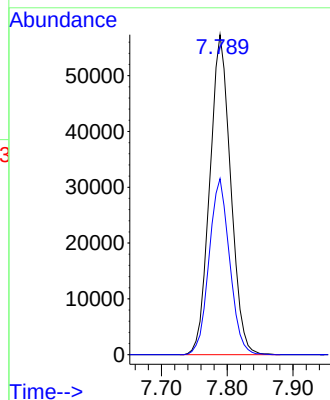
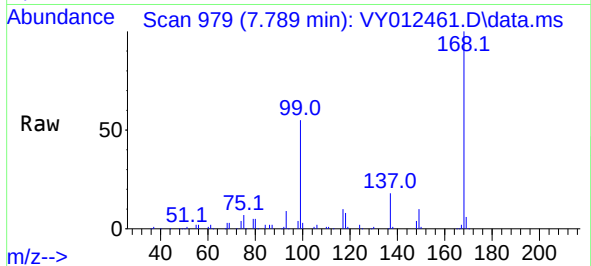




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

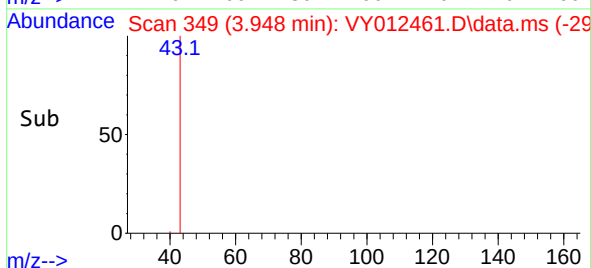
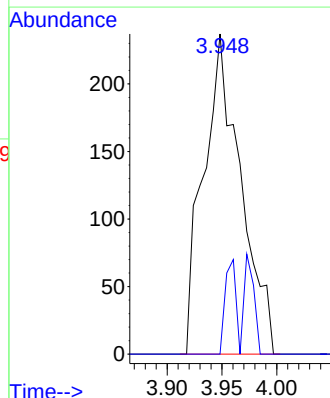
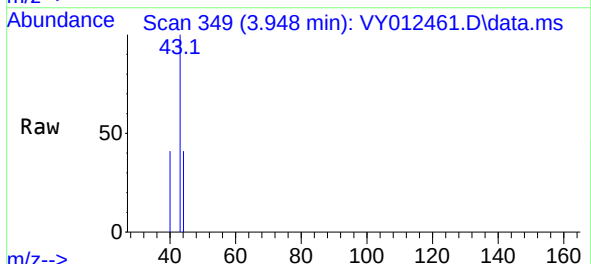
Instrument :
MSVOA_Y
ClientSampleId :
NPWAYNE-SOIL-0201

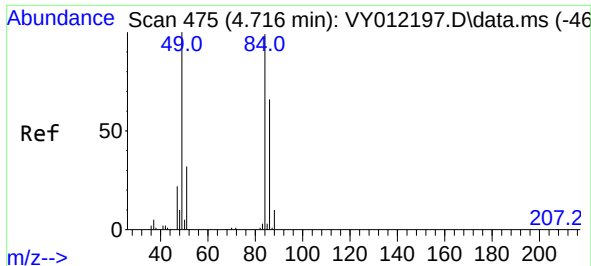
Tgt Ion:168 Resp: 126701
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#16
Acetone
Concen: 1.584 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

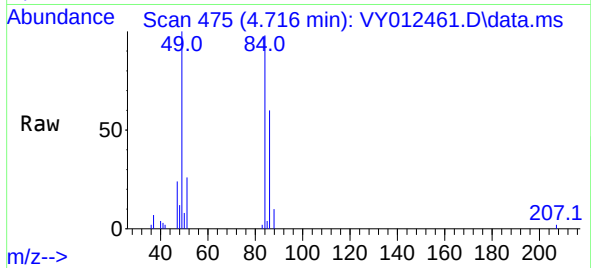
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#





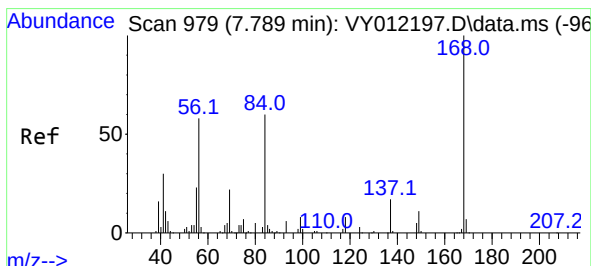
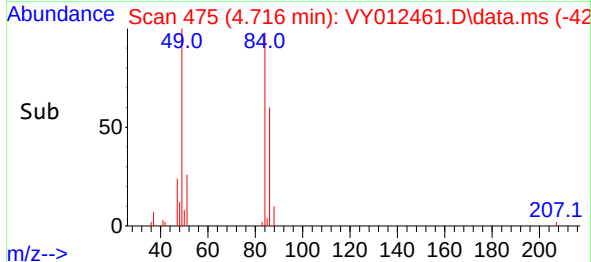
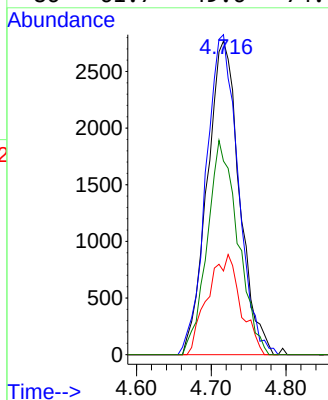
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 84 Resp: 8294

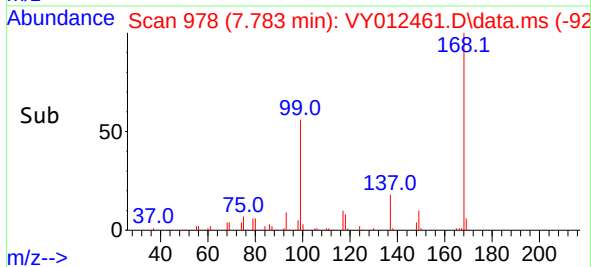
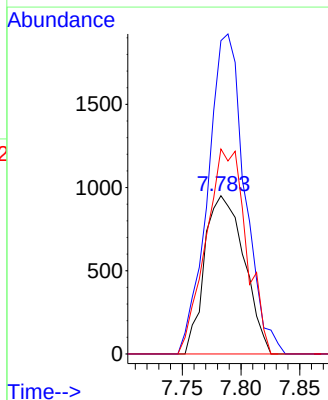
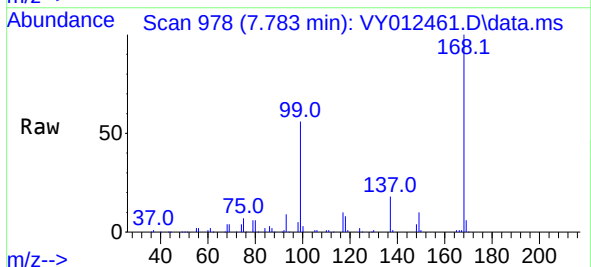
Ion	Ratio	Lower	Upper
84	100		
49	102.1	95.4	143.2
51	26.7	29.9	44.9#
86	61.7	49.6	74.4

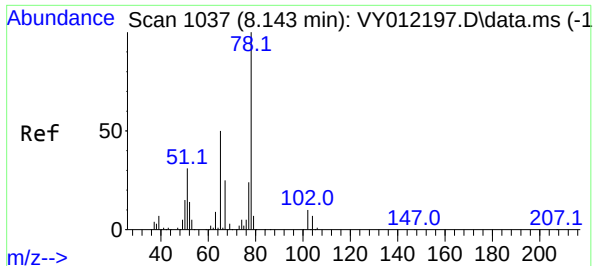


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

Tgt Ion: 56 Resp: 2229

Ion	Ratio	Lower	Upper
56	100		
69	198.0	29.2	43.8#
84	129.5	72.6	108.8#

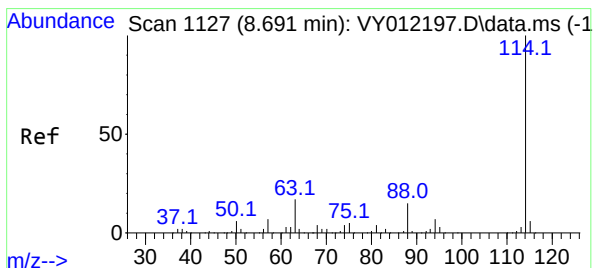
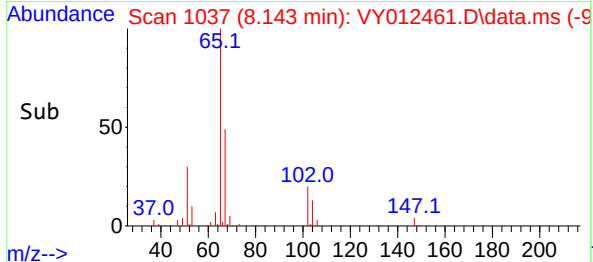
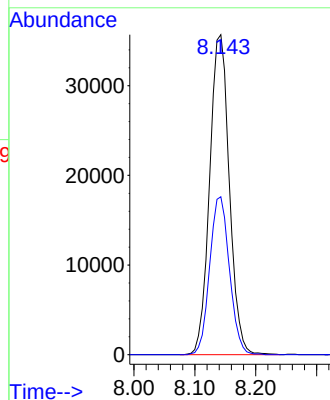
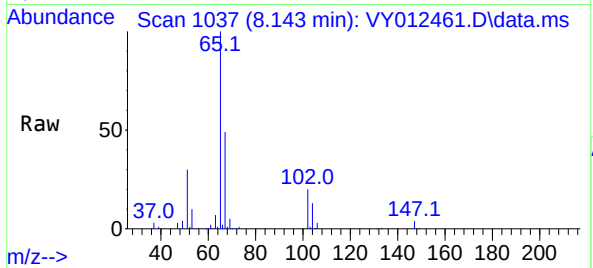




#33
1,2-Dichloroethane-d4
Concen: 78.593 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

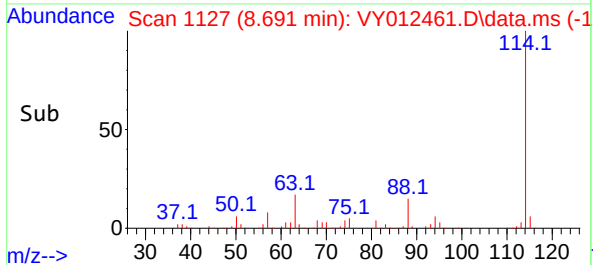
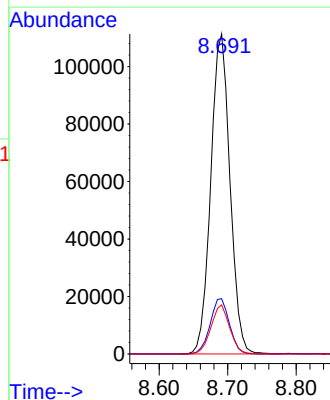
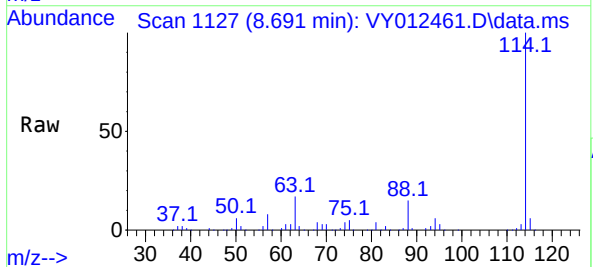
Instrument :
MSVOA_Y
ClientSampleId :
NPWAYNE-SOIL-0201

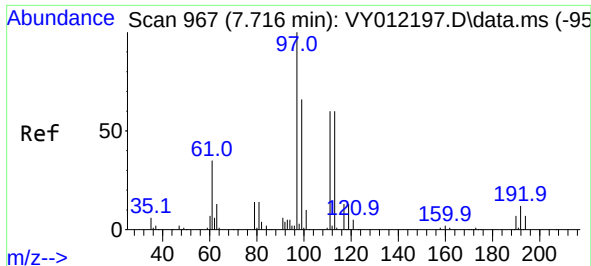
Tgt Ion: 65 Resp: 80178
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

Tgt Ion:114 Resp: 216879
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 15.3 0.0 32.2

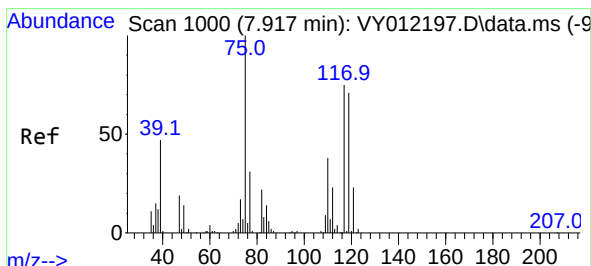
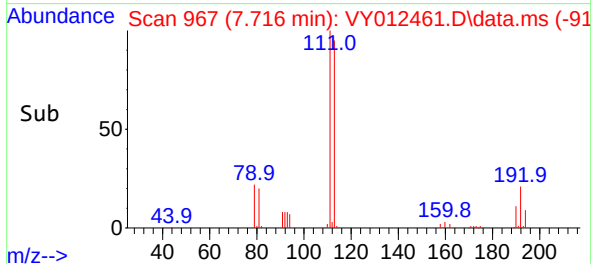
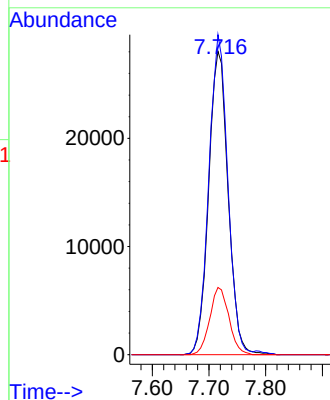
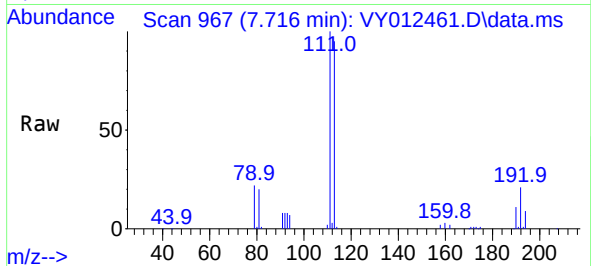




#35
Dibromofluoromethane
Concen: 58.297 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

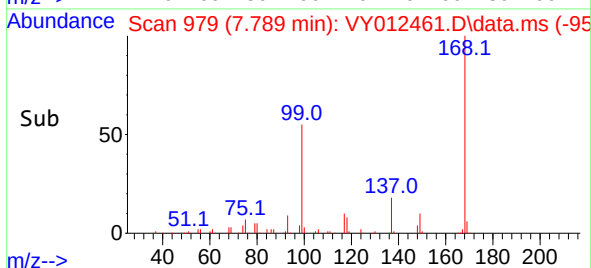
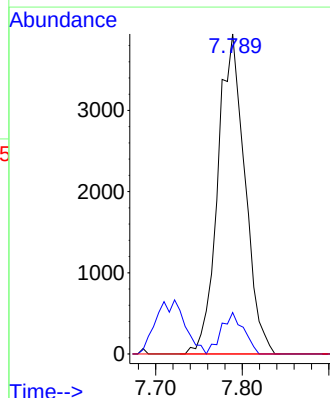
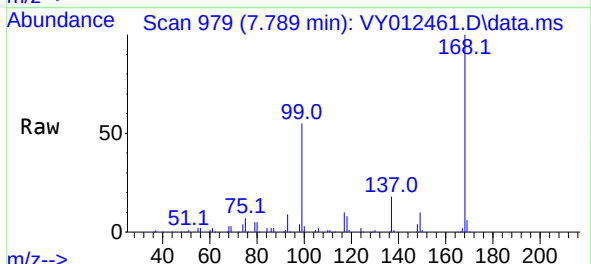
Instrument :
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ClientSampleId :
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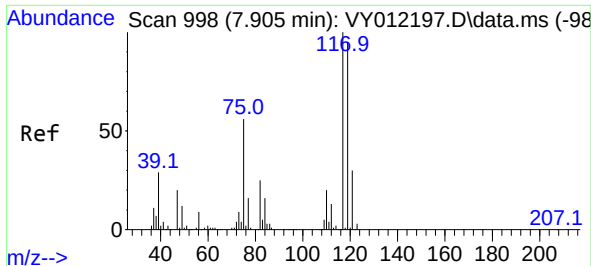
Tgt Ion:113 Resp: 66947
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 21.8 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

Tgt Ion: 75 Resp: 8549
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#

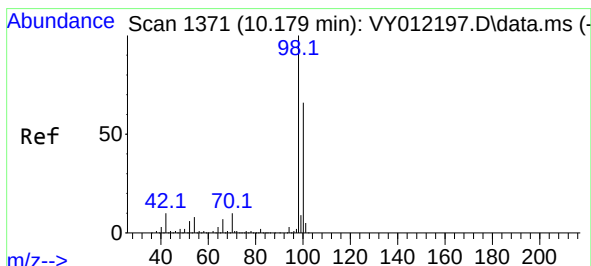
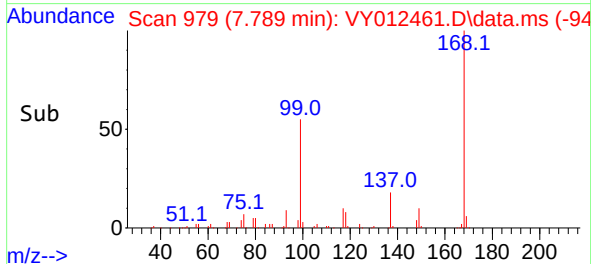
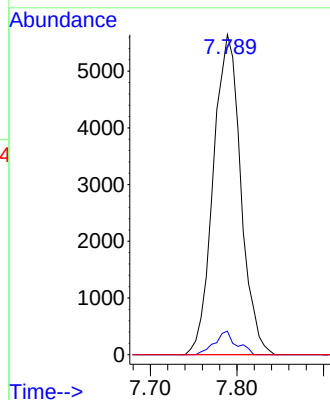
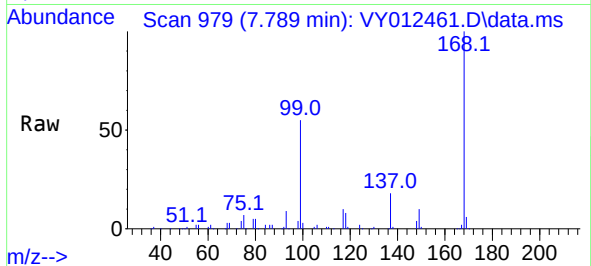




#38
Carbon Tetrachloride
Concen: 4.940 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

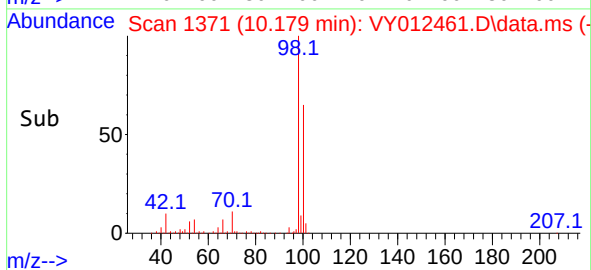
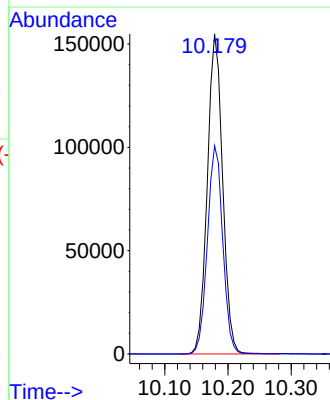
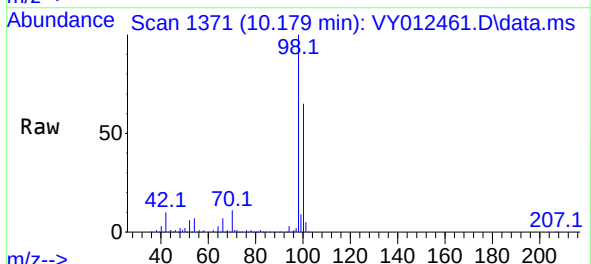
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ClientSampleId :
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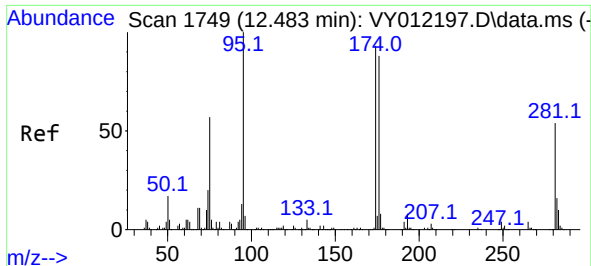
Tgt Ion:117 Resp: 12453
Ion Ratio Lower Upper
117 100
119 7.4 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.998 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

Tgt Ion: 98 Resp: 260720
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

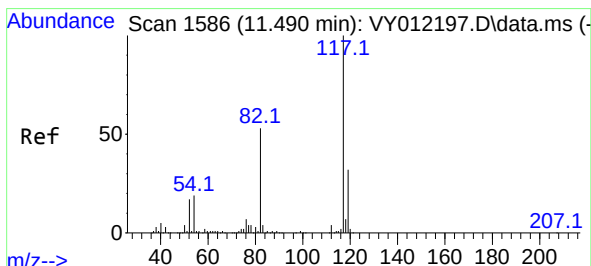
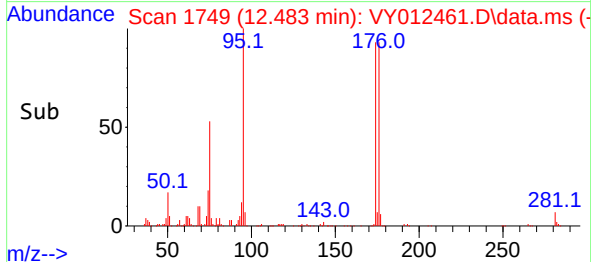
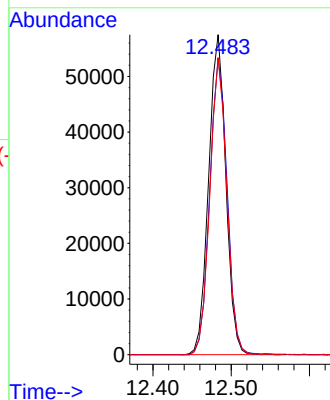
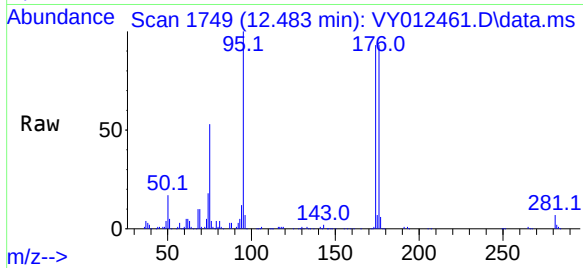




#62
4-Bromofluorobenzene
Concen: 54.390 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

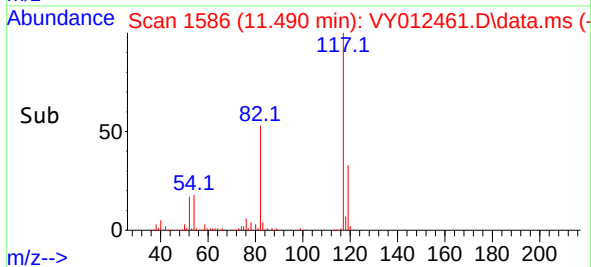
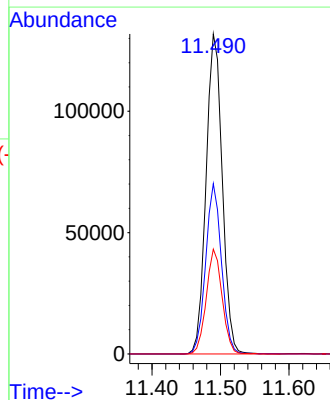
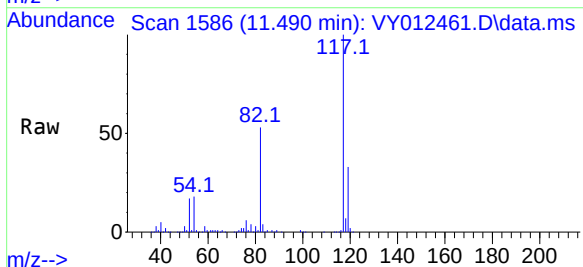
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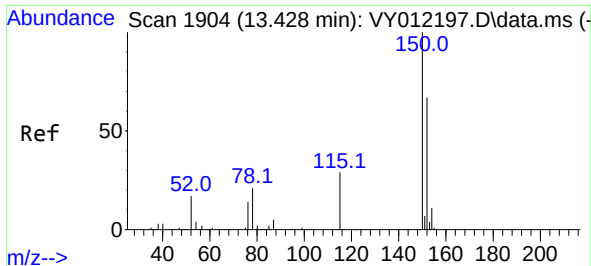
Tgt Ion: 95 Resp: 88049
Ion Ratio Lower Upper
95 100
174 93.1 0.0 172.0
176 91.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

Tgt Ion: 117 Resp: 216916
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 32.8 25.4 38.2

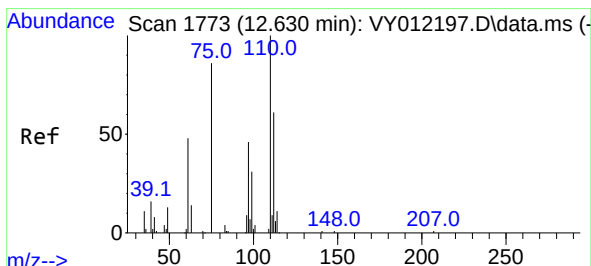
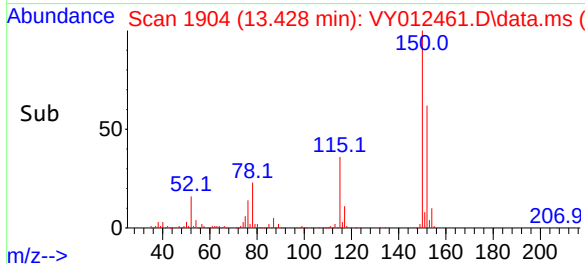
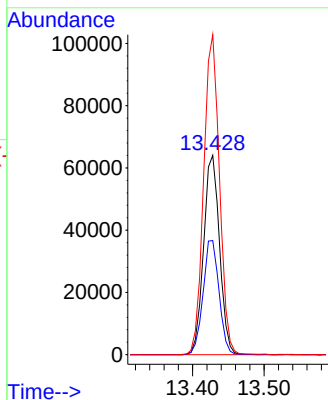
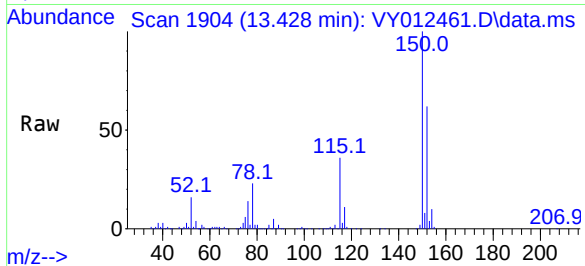




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

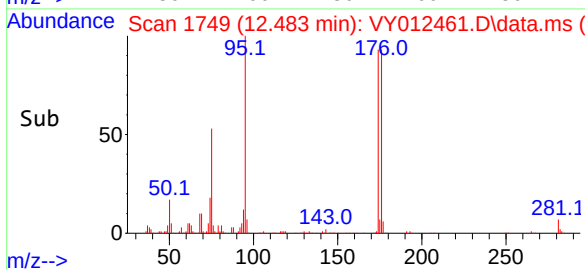
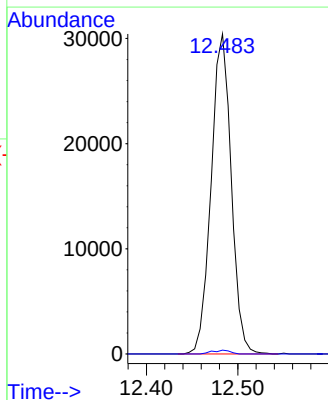
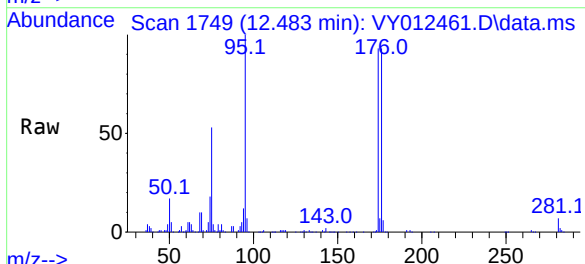
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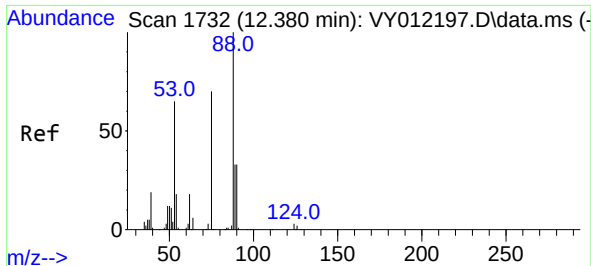
Tgt Ion:152 Resp: 99132
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 159.1 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.926 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

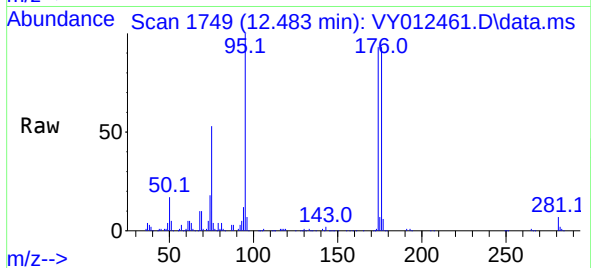
Tgt Ion: 75 Resp: 46422
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.930 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012461.D
Acq: 02 Feb 2023 17:24

Instrument :
MSVOA_Y
ClientSampleId :
NPWAYNE-SOIL-0201



Tgt Ion: 75 Resp: 46422
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

