

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011328.D
 Acq On : 07 Nov 2022 12:11
 Operator : KP/MD
 Sample : N5435-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PTS-SOIL-PILE-1103

Quant Time: Nov 08 03:28:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

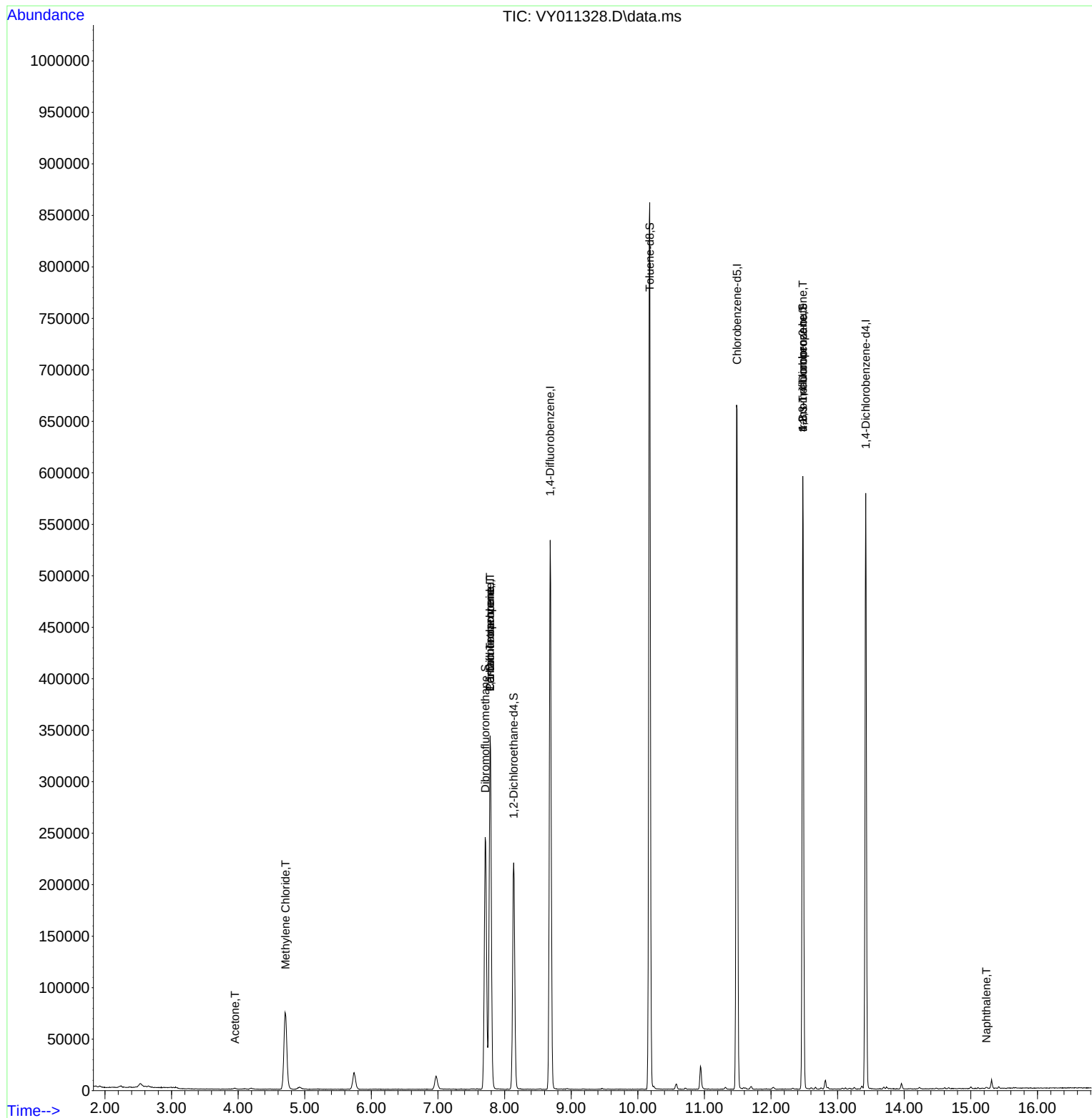
Internal Standards						
1) Pentafluorobenzene	7.783	168	275841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	394737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169715	57.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.060%	
35) Dibromofluoromethane	7.710	113	177674	58.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.480%	
50) Toluene-d8	10.179	98	588055	50.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.477	95	186583	45.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	143	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	2501	Below Cal	#	77
16) Acetone	3.954	43	1709	1.919	ug/l #	84
20) Methylene Chloride	4.710	84	61954	13.322	ug/l #	81
36) 1,1-Dichloropropene	7.783	75	19490	3.946	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26487	5.169	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	89399	47.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	89399	102.432	ug/l #	7
95) Naphthalene	15.233	128	1524	4.174	ug/l #	85

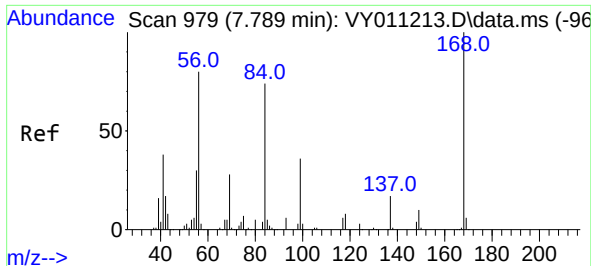
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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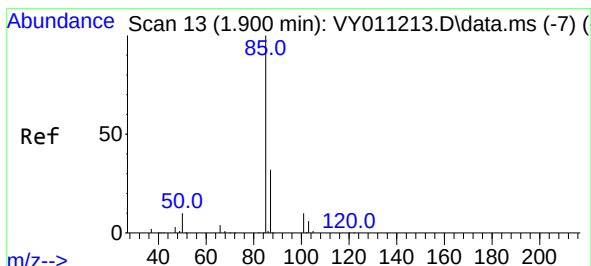
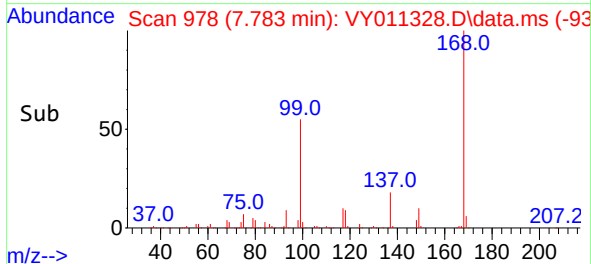
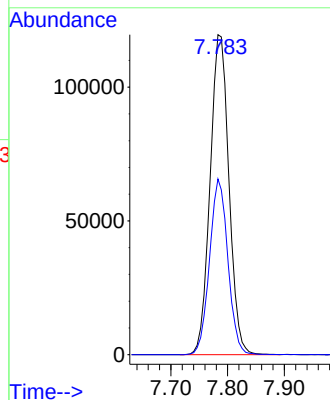
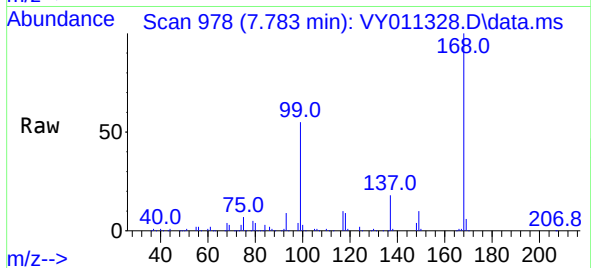




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

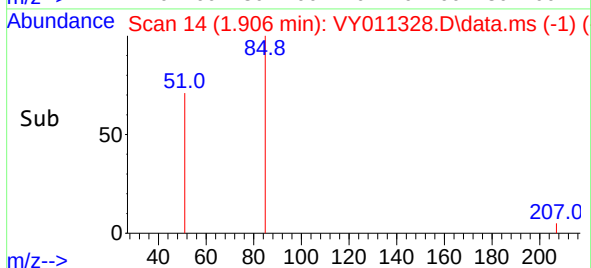
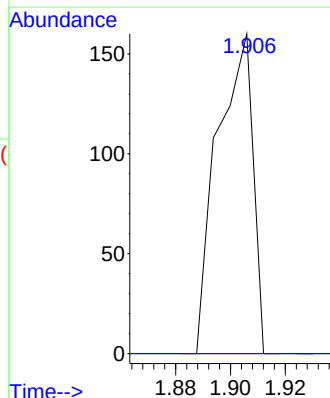
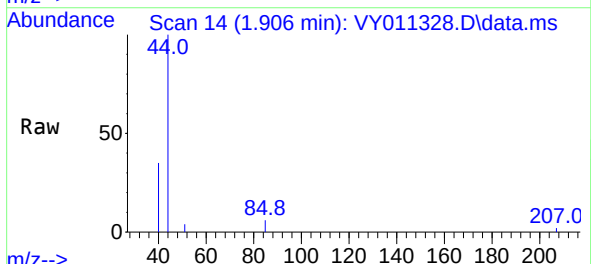
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MSVOA_Y
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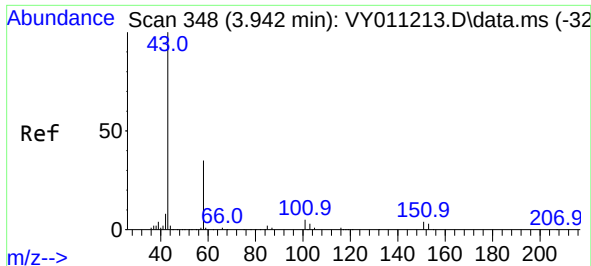
Tgt Ion:168 Resp: 275841
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

Tgt Ion: 85 Resp: 143
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

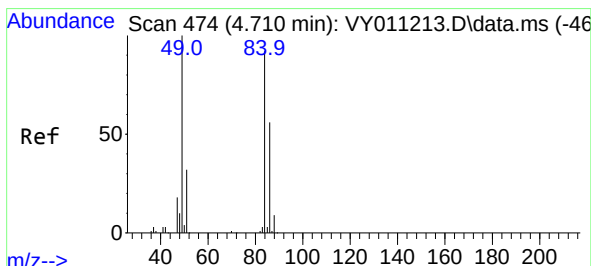
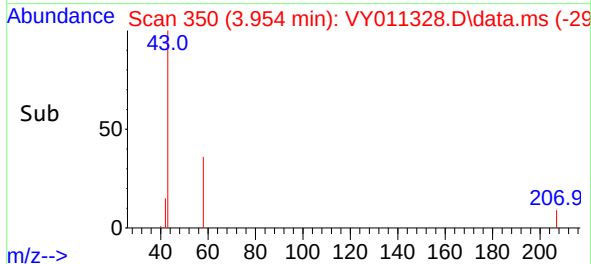
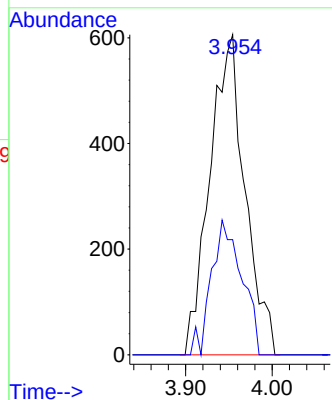
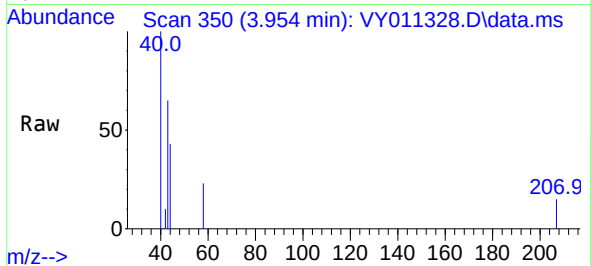




#16
Acetone
Concen: 1.919 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

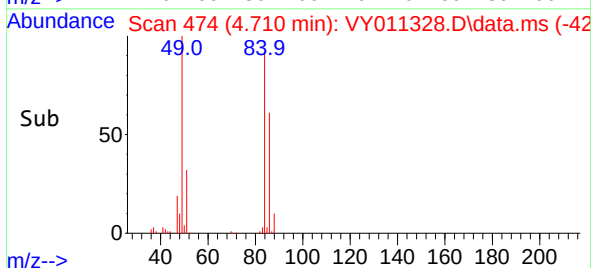
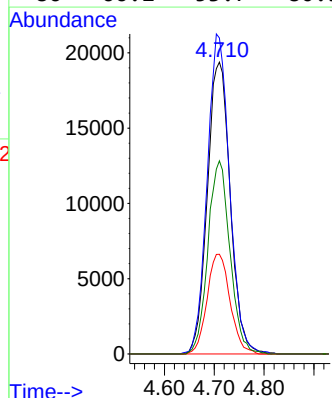
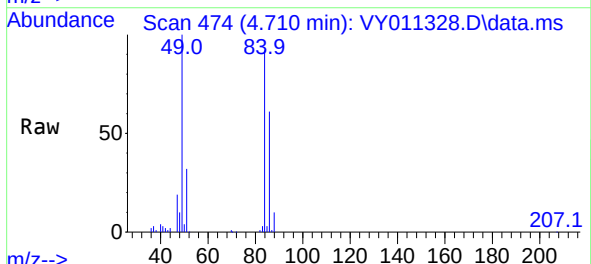
Instrument :
MSVOA_Y
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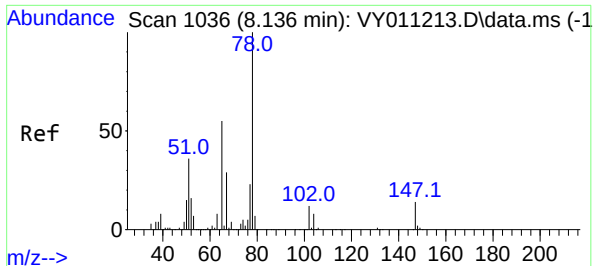
Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#



#20
Methylene Chloride
Concen: 13.322 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

Tgt Ion: 84 Resp: 61954
Ion Ratio Lower Upper
84 100
49 108.3 114.4 171.6#
51 34.2 35.3 52.9#
86 66.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.528 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011328.D

Acq: 07 Nov 2022 12:11

Instrument :

MSVOA_Y

ClientSampleId :

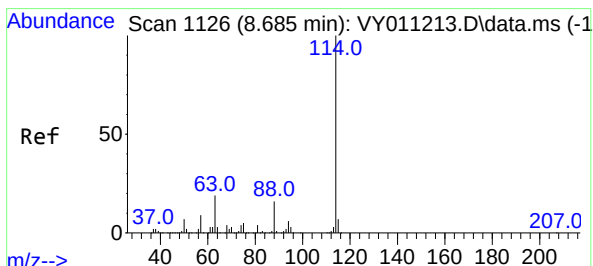
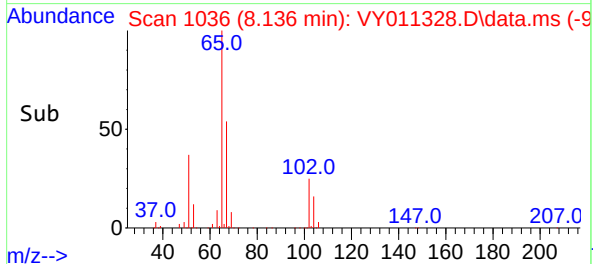
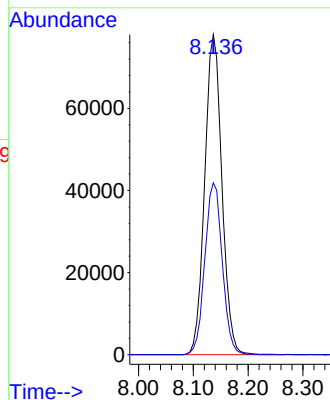
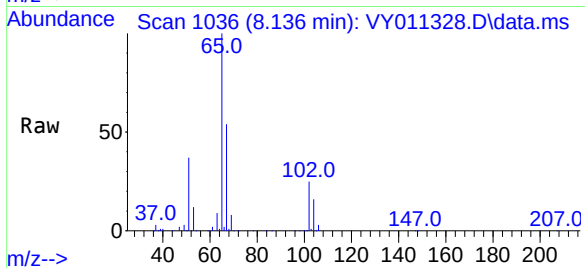
PTS-SOIL-PILE-1103

Tgt Ion: 65 Resp: 169715

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011328.D

Acq: 07 Nov 2022 12:11

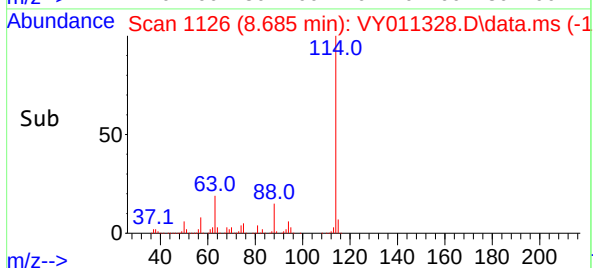
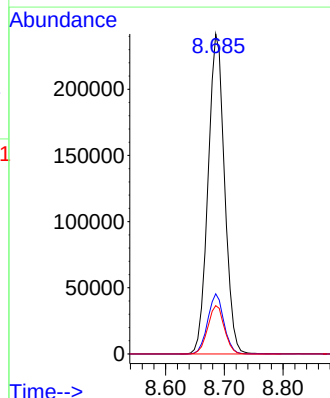
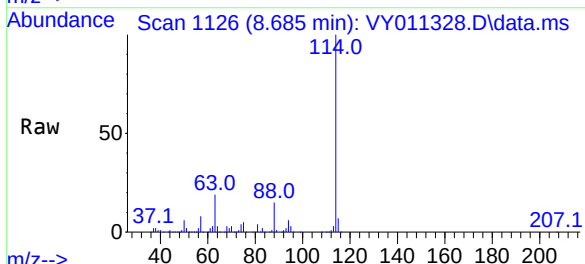
Tgt Ion: 114 Resp: 470742

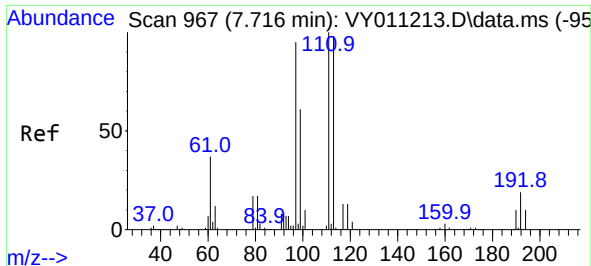
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.1 0.0 31.8

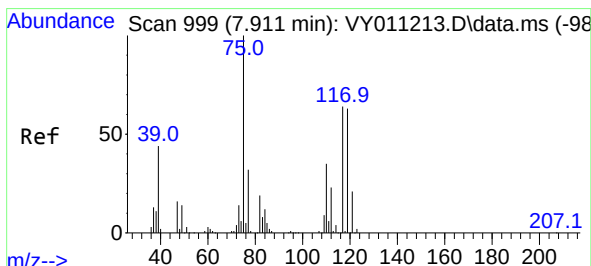
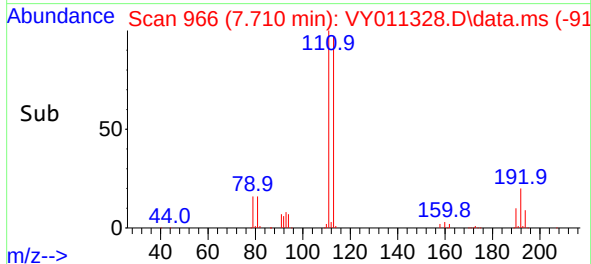
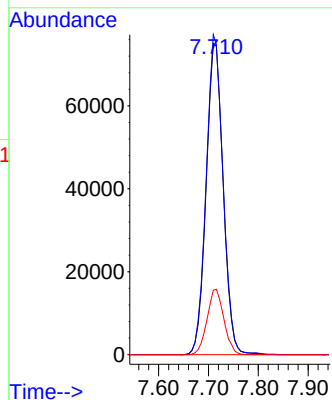
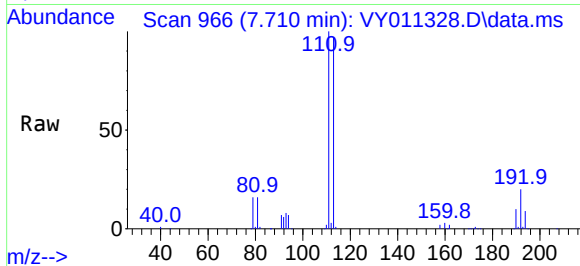




#35
Dibromofluoromethane
Concen: 58.745 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

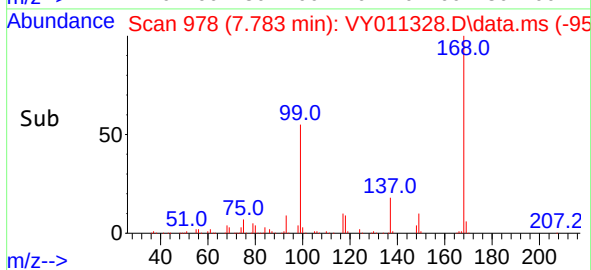
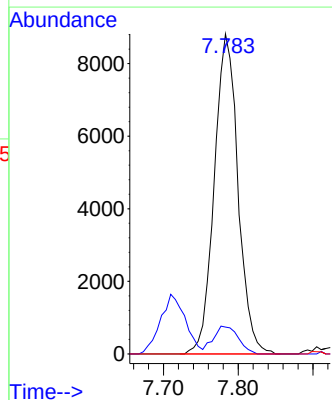
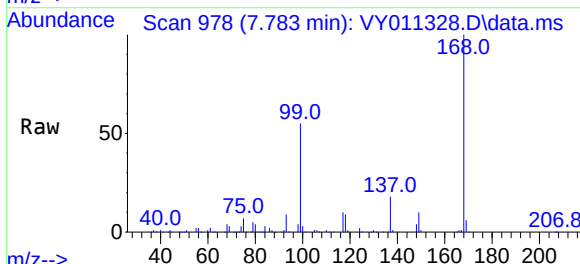
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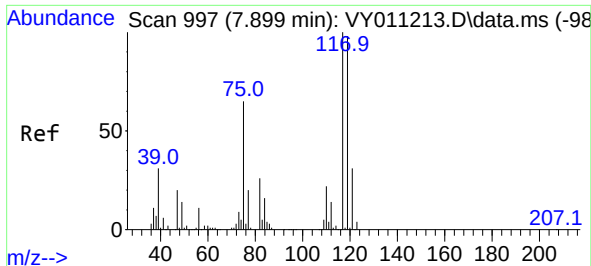
Tgt Ion:113 Resp: 177674
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.946 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

Tgt Ion: 75 Resp: 19490
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

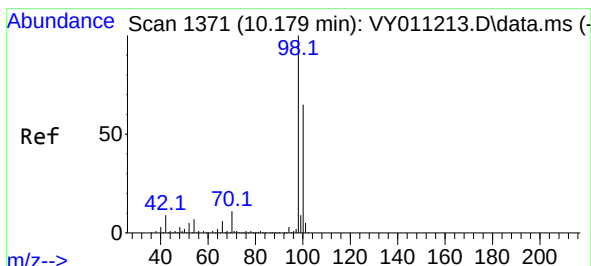
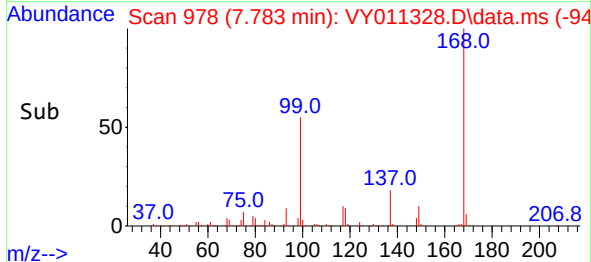
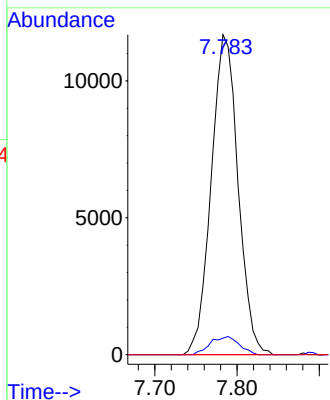
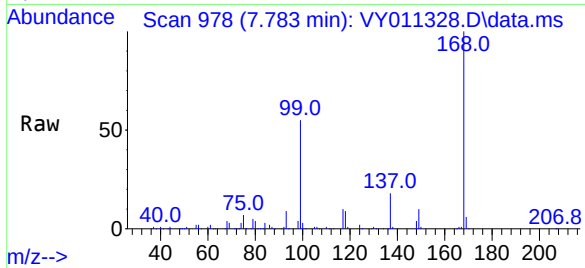




#38
Carbon Tetrachloride
Concen: 5.169 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

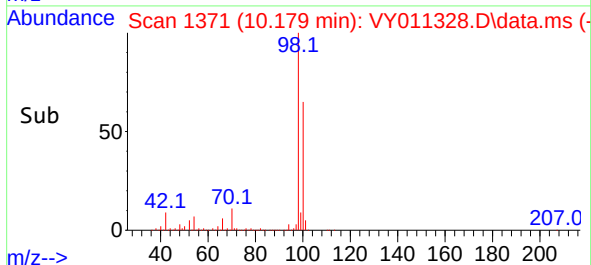
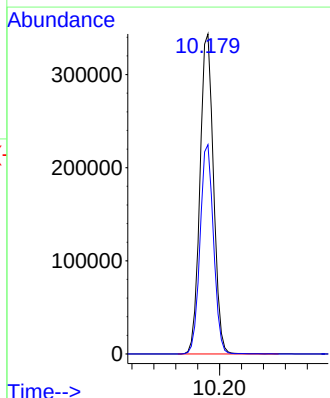
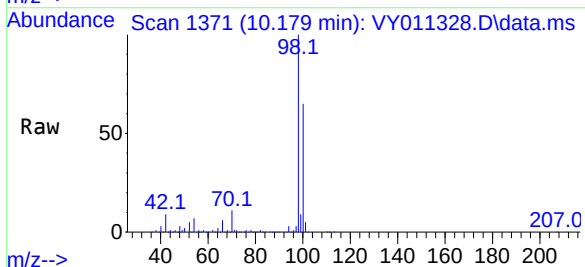
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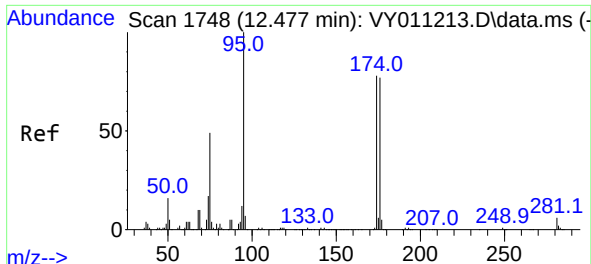
Tgt Ion:117 Resp: 26487
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.078 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

Tgt Ion: 98 Resp: 588055
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

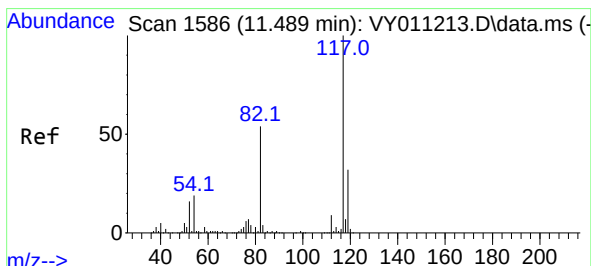
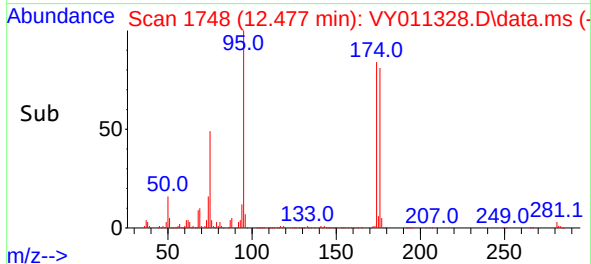
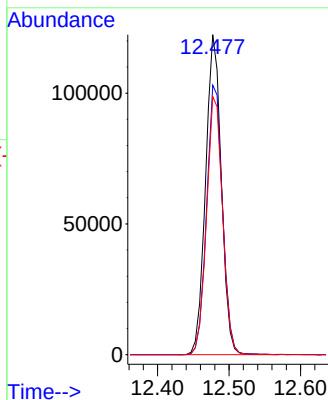
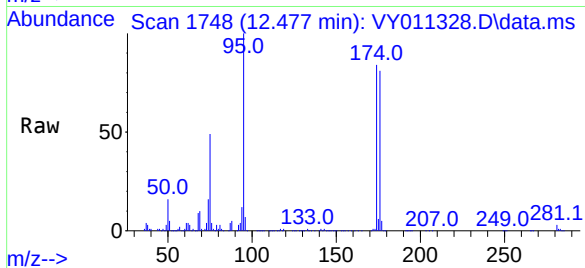




#62
4-Bromofluorobenzene
Concen: 45.769 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

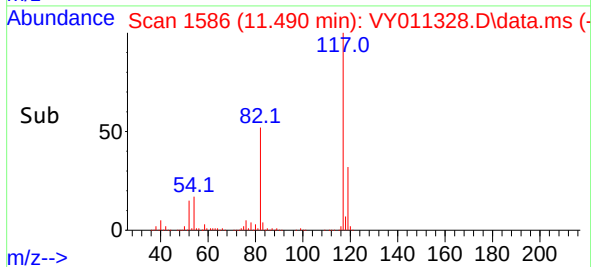
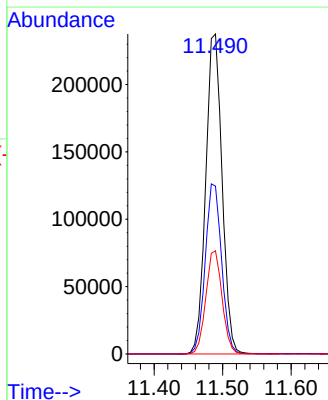
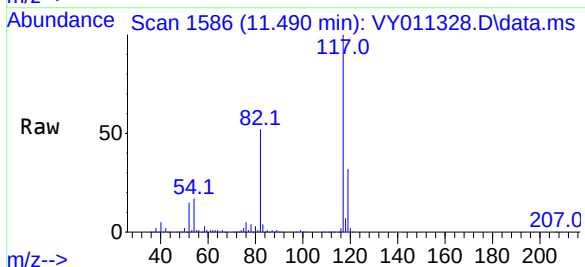
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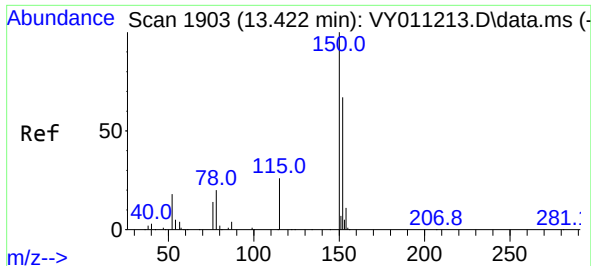
Tgt Ion: 95 Resp: 186583
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

Tgt Ion:117 Resp: 394737
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.2 25.4 38.0

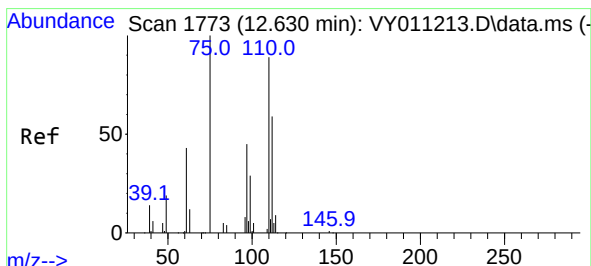
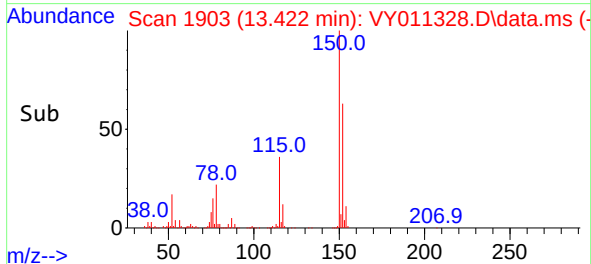
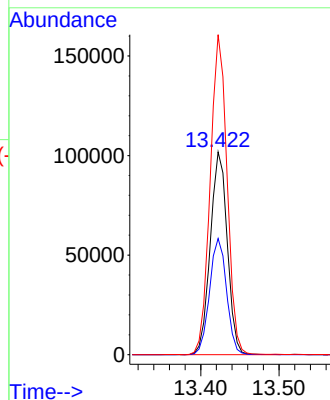
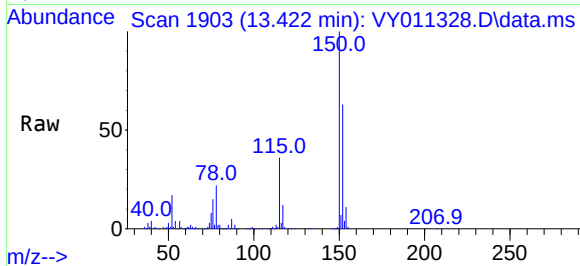




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011328.D
 Acq: 07 Nov 2022 12:11

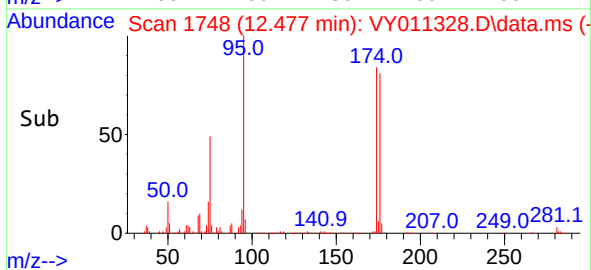
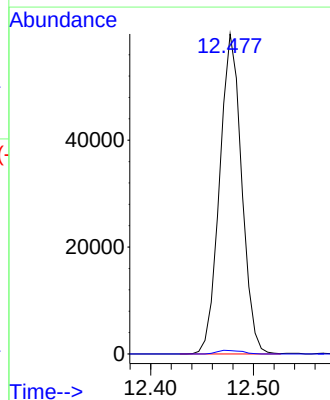
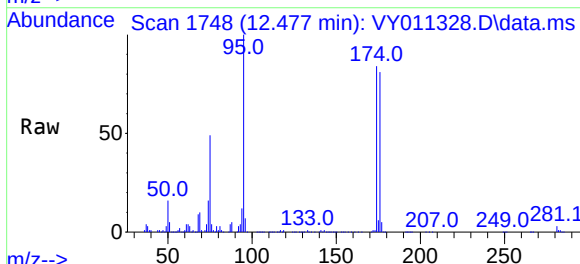
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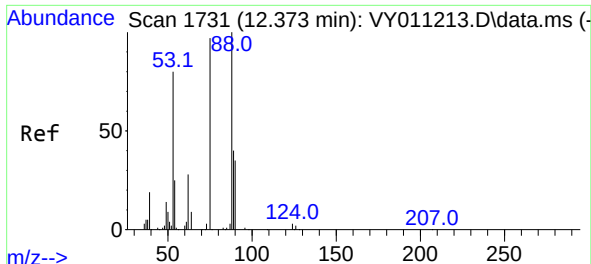
Tgt Ion:152 Resp: 153426
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.862 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011328.D
 Acq: 07 Nov 2022 12:11

Tgt Ion: 75 Resp: 89399
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

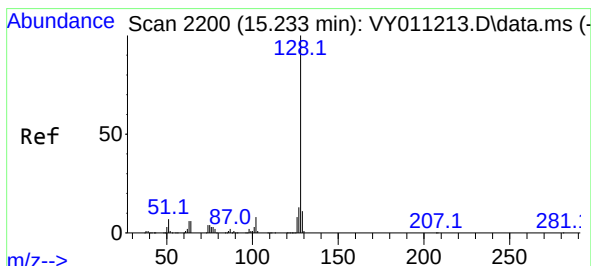
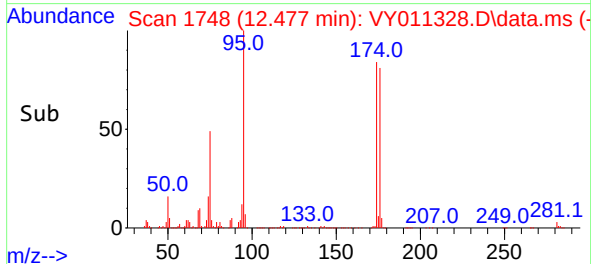
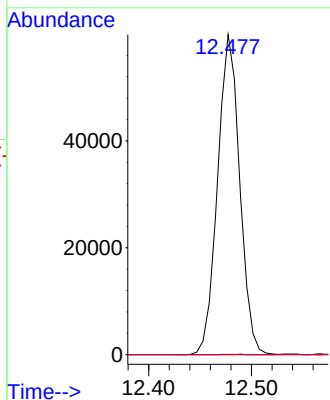
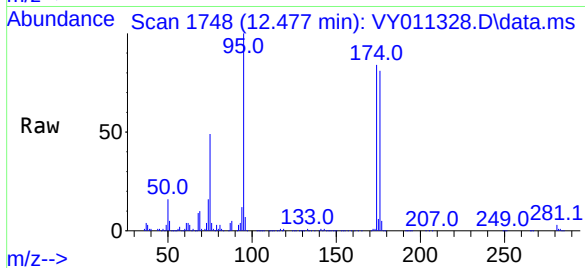




#81
trans-1,4-Dichloro-2-butene
Concen: 102.432 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

Instrument :
MSVOA_Y
ClientSampleId :
PTS-SOIL-PILE-1103

Tgt Ion: 75 Resp: 89399
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.174 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011328.D
Acq: 07 Nov 2022 12:11

Tgt Ion:128 Resp: 1524
Ion Ratio Lower Upper
128 100
127 9.4 11.0 16.4#
129 3.1 8.4 12.6#

