

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011265.D
 Acq On : 02 Nov 2022 16:12
 Operator : KP/MD
 Sample : N5398-09
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-6-103122

Quant Time: Nov 03 05:17:31 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	7.789	168	247853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90663	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148859	56.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.320%
35) Dibromofluoromethane	7.716	113	159915	60.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.480%
50) Toluene-d8	10.179	98	517803	50.238	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.477	95	132292	36.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.940%

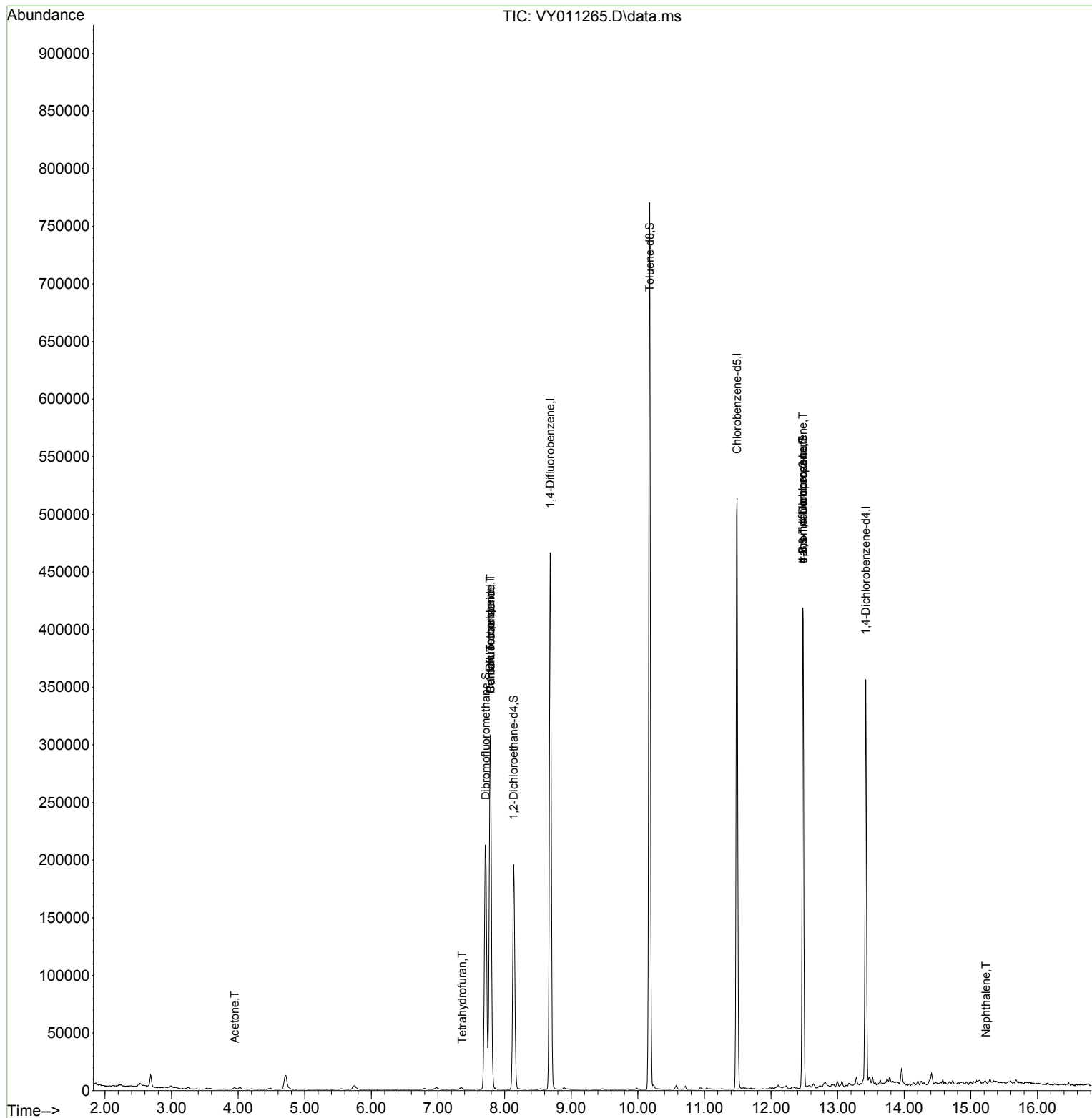
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	288	Below Cal	#	77
16) Acetone	3.948	43	2566	3.207	ug/l #	83
20) Methylene Chloride	4.704	84	9655	Below Cal	#	79
29) Tetrahydrofuran	7.362	42	1386	2.115	ug/l #	38
36) 1,1-Dichloropropene	7.783	75	18075	4.169	ug/l #	50
38) Carbon Tetrachloride	7.789	117	24312	5.406	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	64519	58.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64519	125.100	ug/l #	7
95) Naphthalene	15.227	128	512	4.086	ug/l #	87

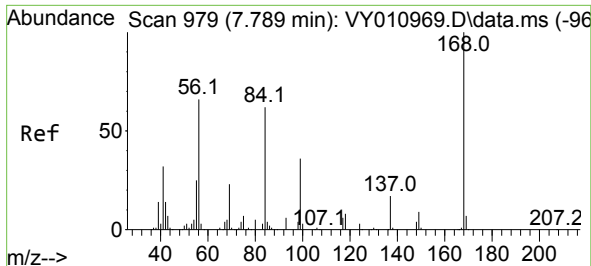
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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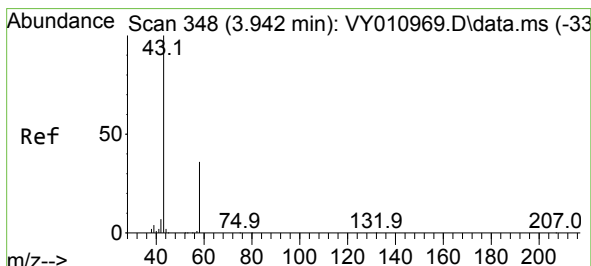
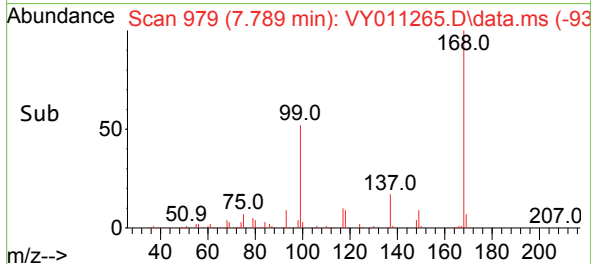
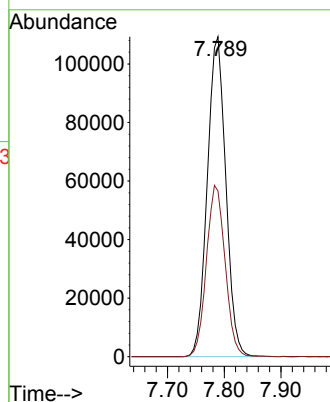
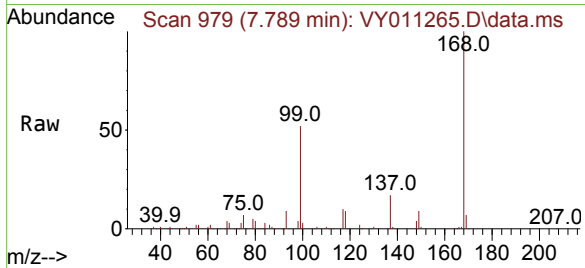




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

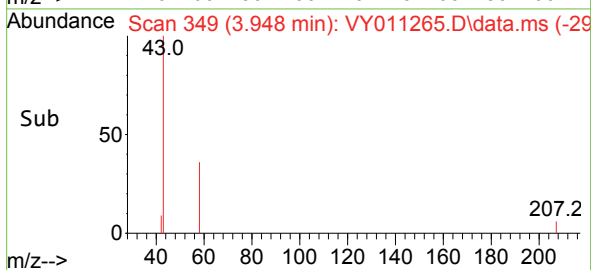
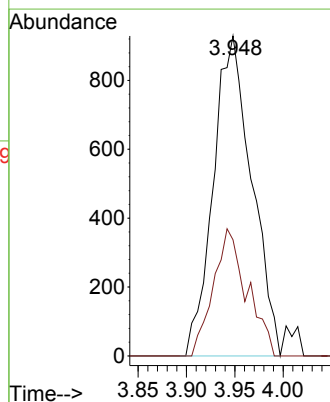
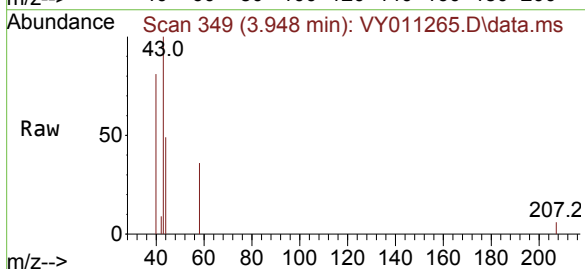
Instrument :
MSVOA_Y
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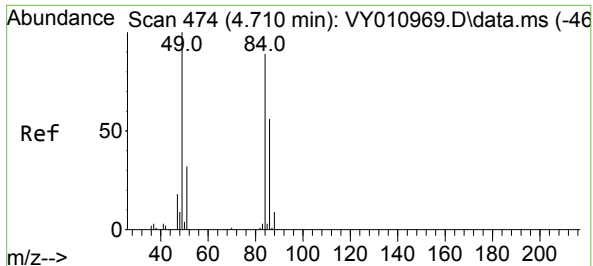
Tgt Ion:168 Resp: 247853
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 3.207 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#

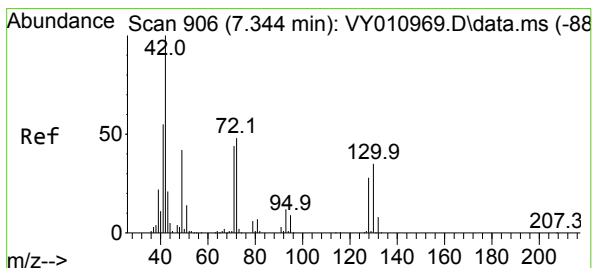
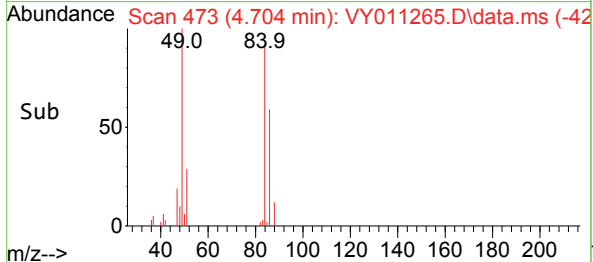
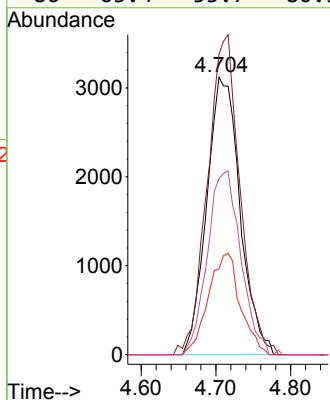
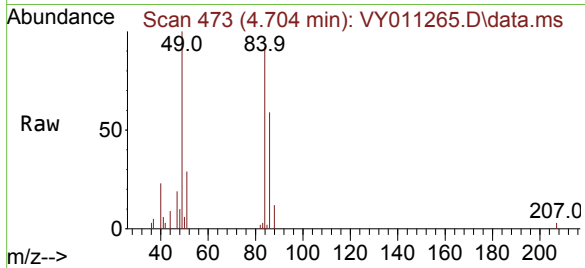




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

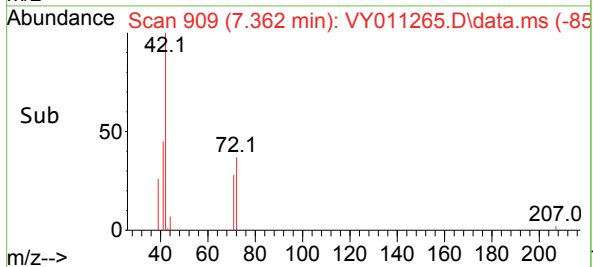
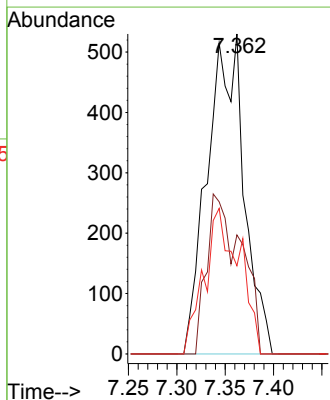
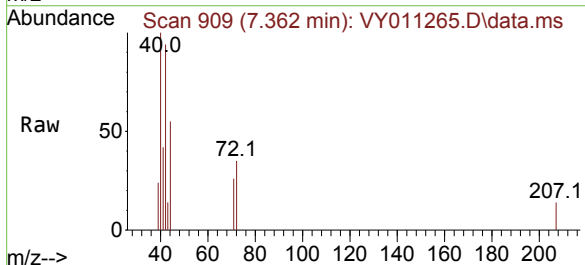
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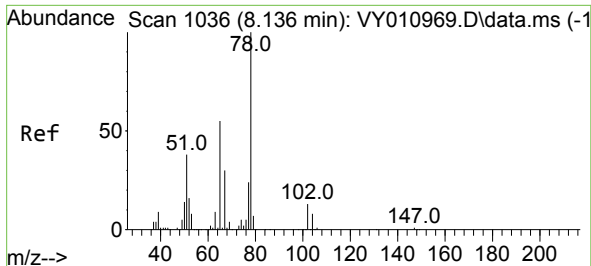
Tgt Ion: 84 Resp: 9655
Ion Ratio Lower Upper
84 100
49 108.3 114.4 171.6#
51 30.9 35.3 52.9#
86 63.4 53.7 80.5



#29
Tetrahydrofuran
Concen: 2.115 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 42 Resp: 1386
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#

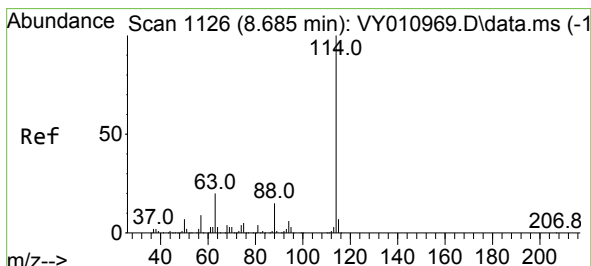
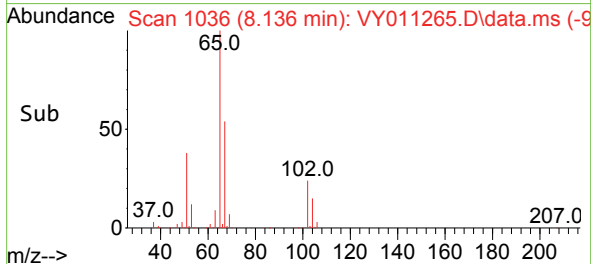
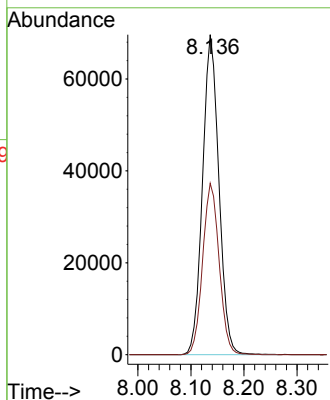
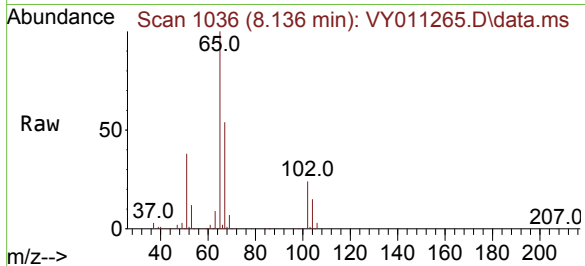




#33
 1,2-Dichloroethane-d4
 Concen: 56.156 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011265.D
 Acq: 02 Nov 2022 16:12

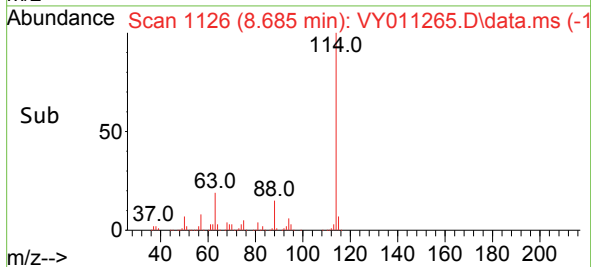
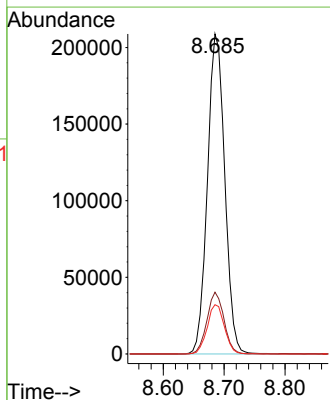
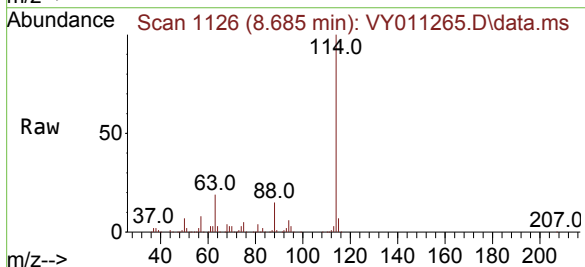
Instrument :
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 S-6-103122

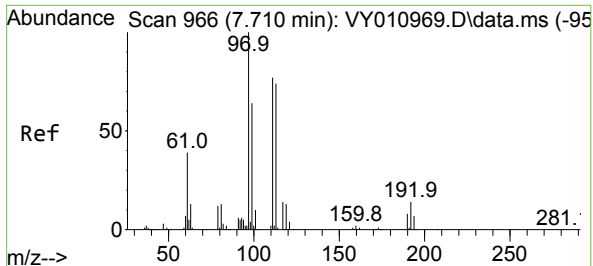
Tgt Ion: 65 Resp: 148859
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011265.D
 Acq: 02 Nov 2022 16:12

Tgt Ion: 114 Resp: 413181
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.2
 88 15.4 0.0 31.8

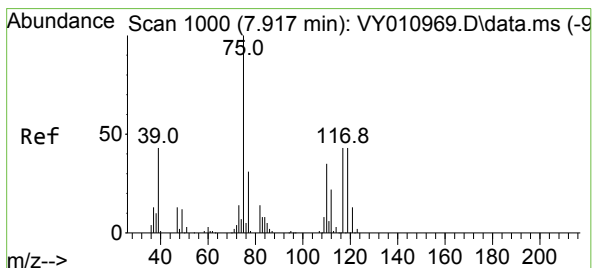
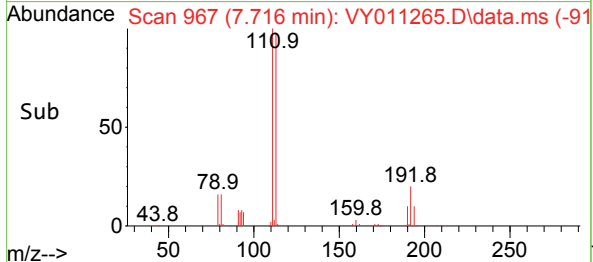
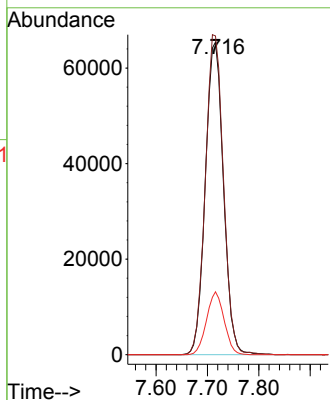
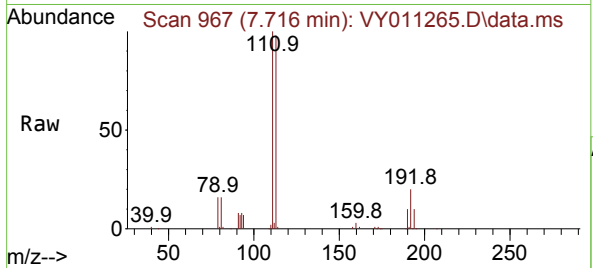




#35
Dibromofluoromethane
Concen: 60.239 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

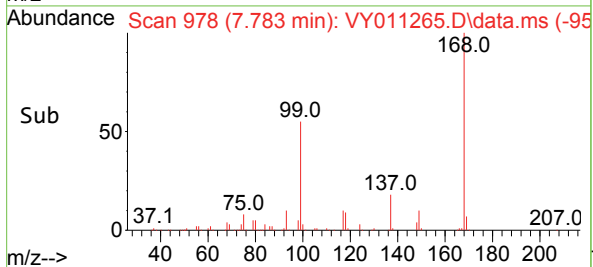
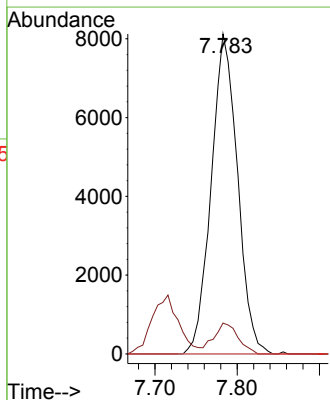
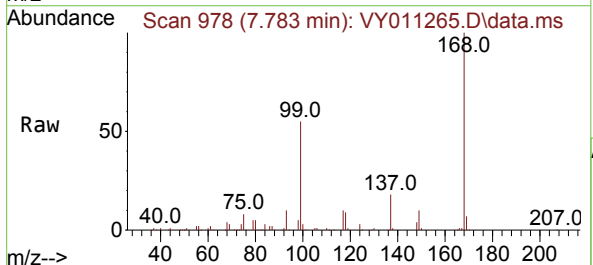
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ClientSampleId :
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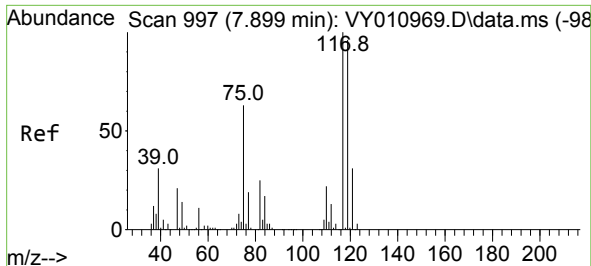
Tgt Ion:113 Resp: 159915
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.169 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 75 Resp: 18075
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

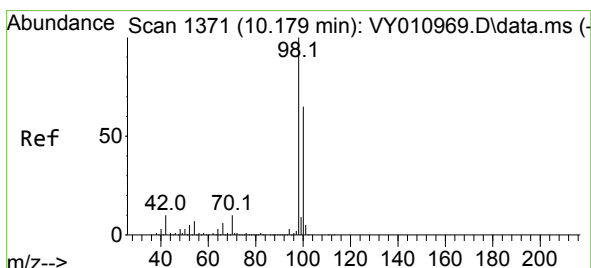
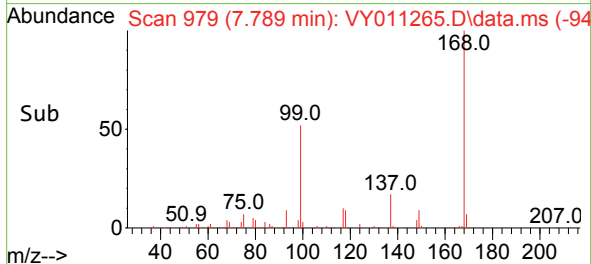
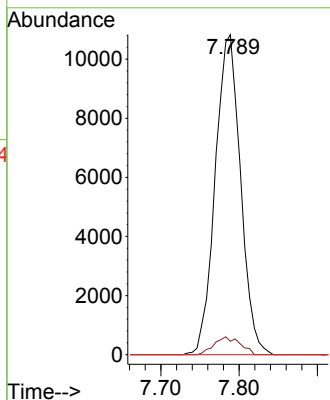
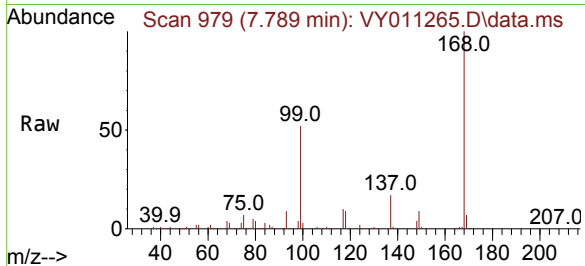




#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

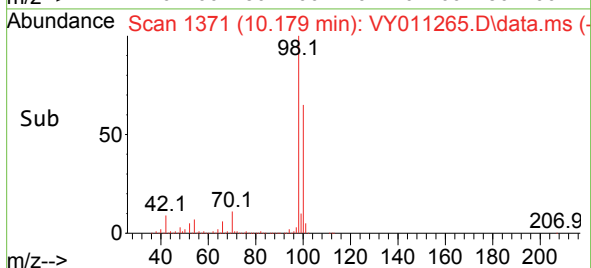
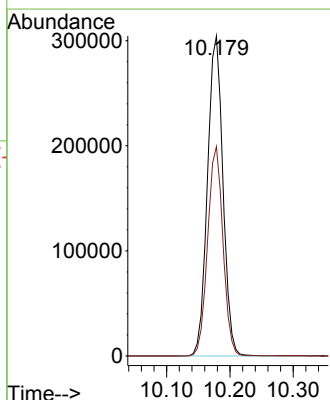
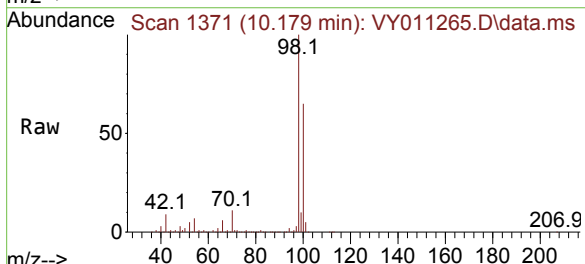
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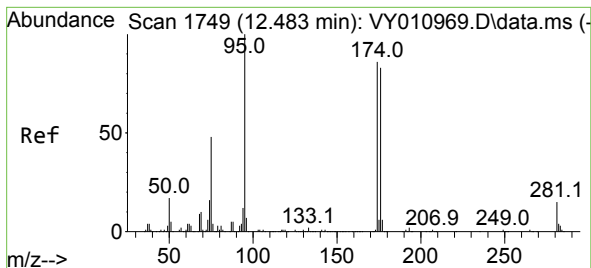
Tgt Ion:117 Resp: 24312
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.238 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 98 Resp: 517803
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

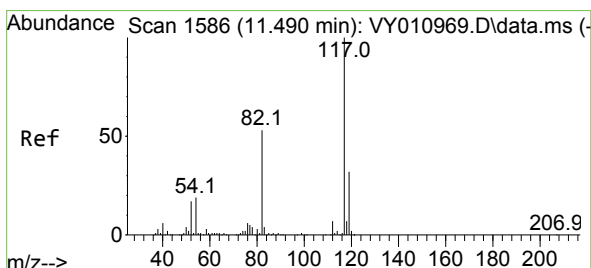
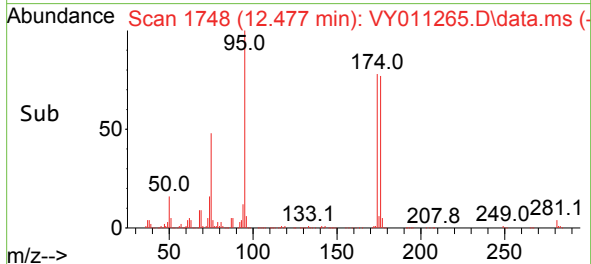
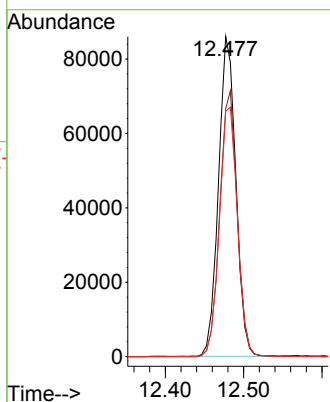
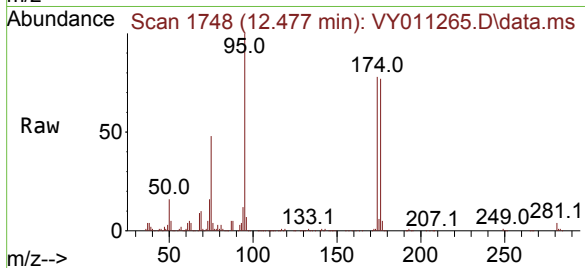




#62
4-Bromofluorobenzene
Concen: 36.972 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

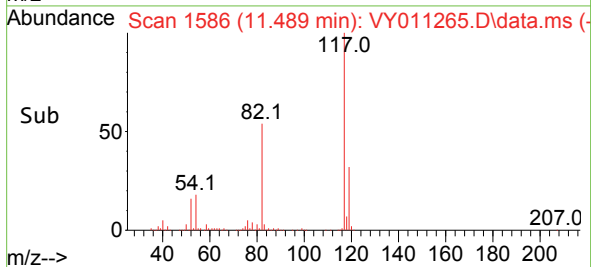
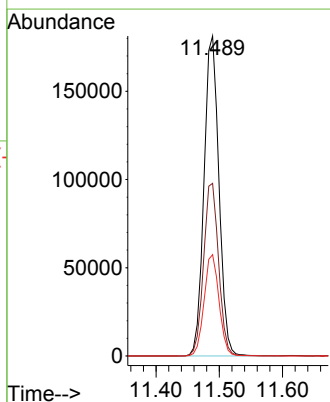
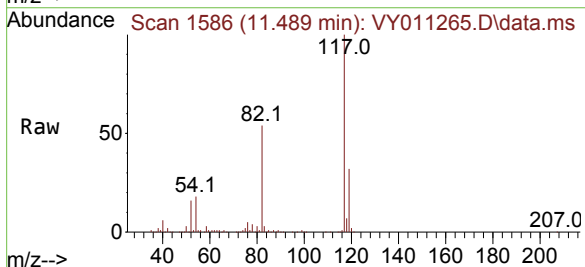
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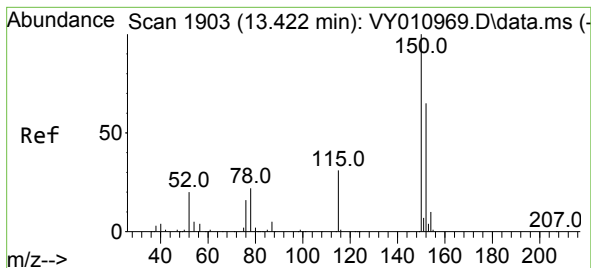
Tgt Ion: 95 Resp: 132292
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 117 Resp: 297668
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.6 25.4 38.0

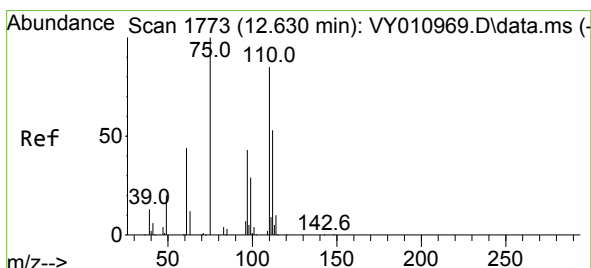
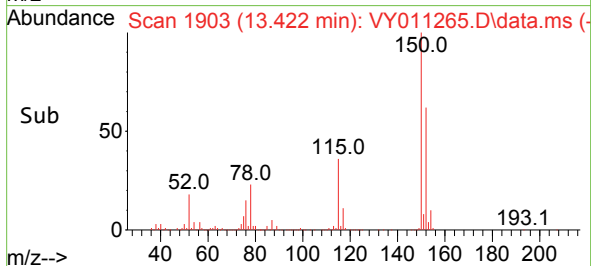
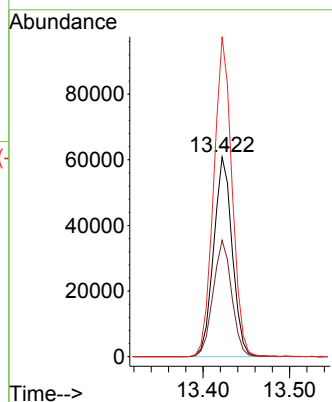
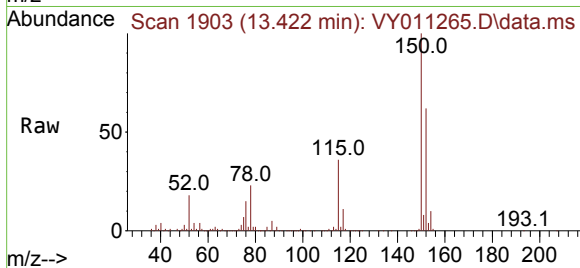




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011265.D
 Acq: 02 Nov 2022 16:12

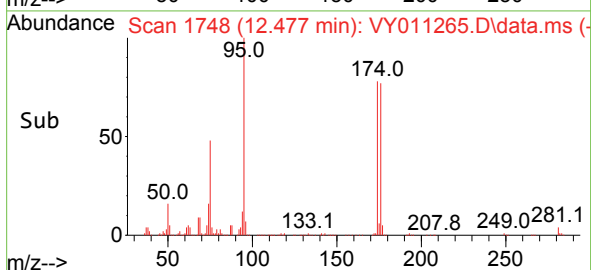
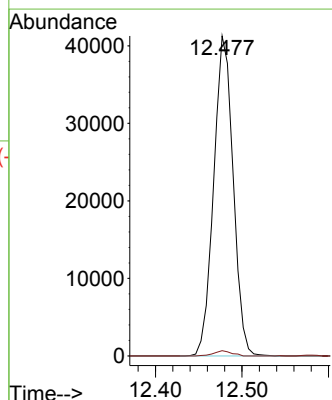
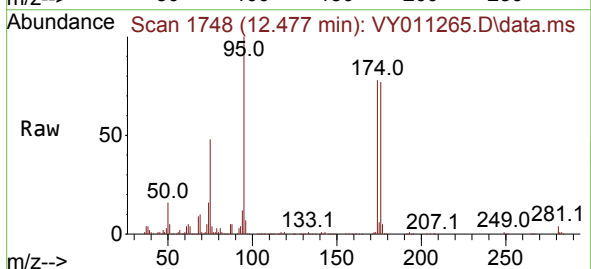
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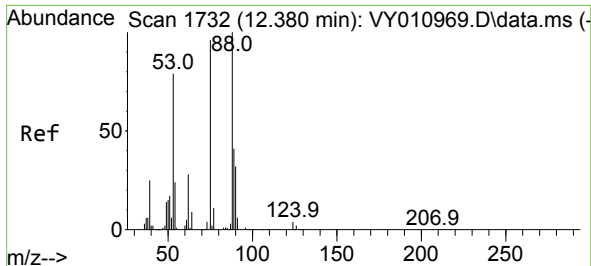
Tgt Ion:152 Resp: 90663
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 158.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 58.455 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011265.D
 Acq: 02 Nov 2022 16:12

Tgt Ion: 75 Resp: 64519
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

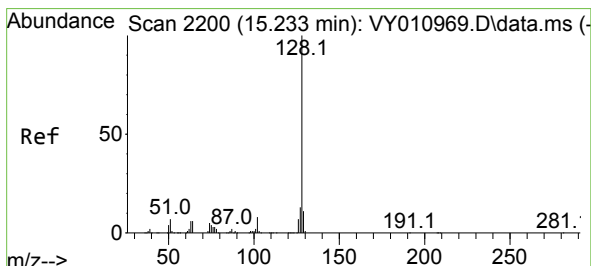
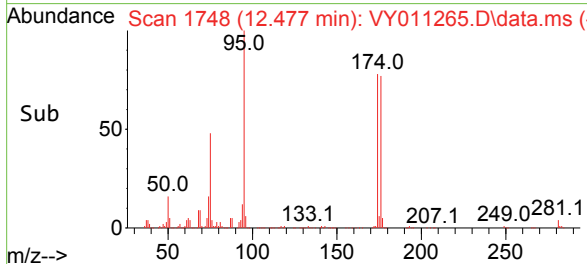
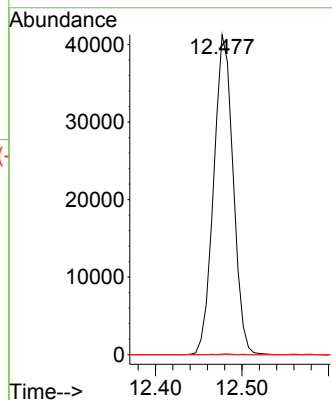
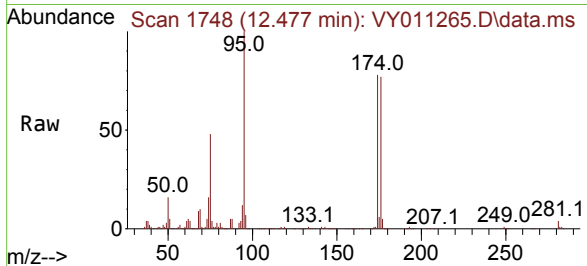




#81
trans-1,4-Dichloro-2-butene
Concen: 125.100 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
S-6-103122

Tgt Ion: 75 Resp: 64519
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.086 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 128 Resp: 512
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.4
129 0.0 8.4 12.6#

