

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007310.D
 Acq On : 26 Jan 2022 16:41
 Operator : SY/MD
 Sample : N1267-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAY-EXT-WALL

Quant Time: Jan 27 00:34:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

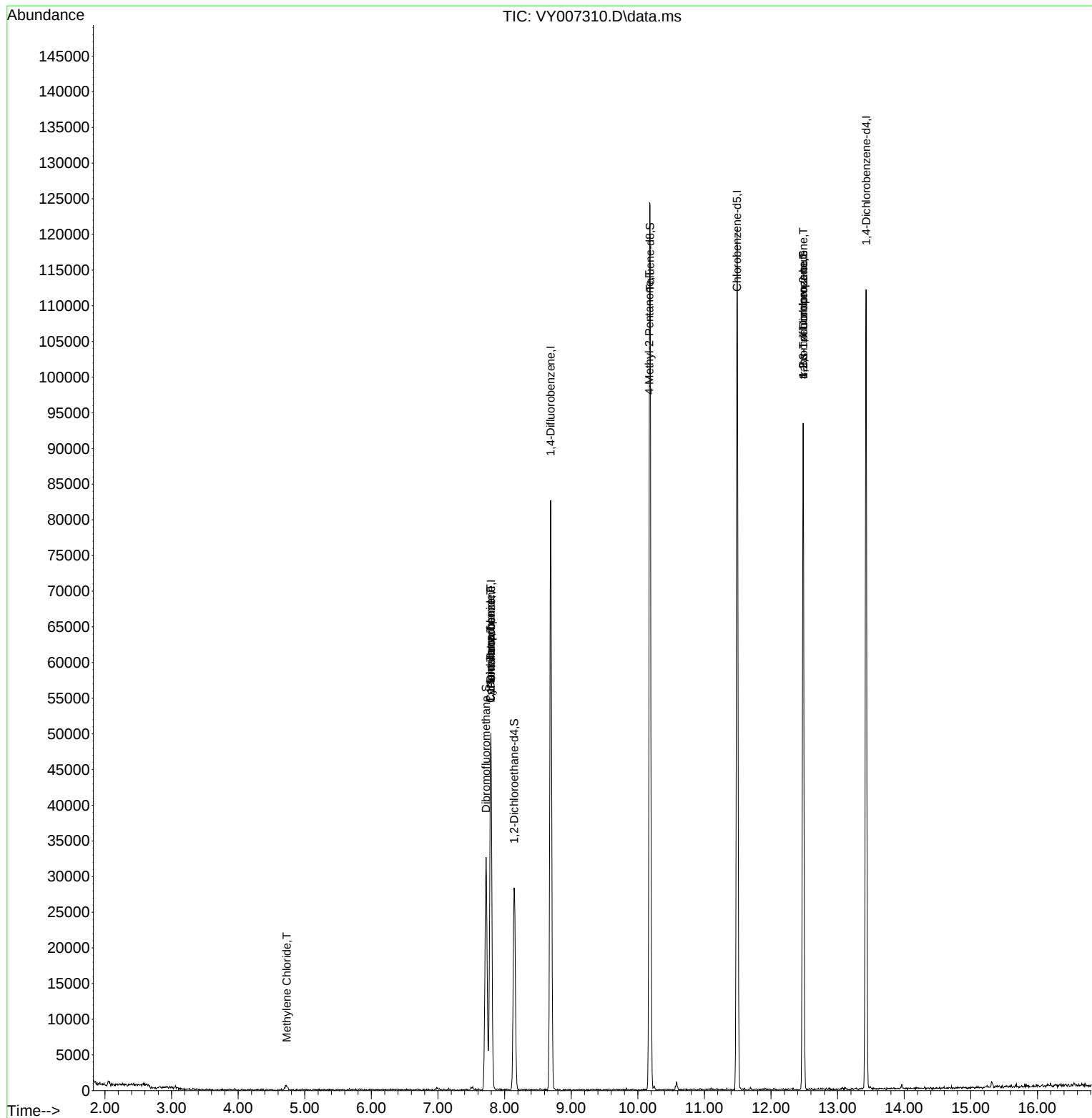
Internal Standards						
1) Pentafluorobenzene	7.795	168	36988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	67994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	63877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23449	51.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.340%	
35) Dibromofluoromethane	7.722	113	22349	48.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.220%	
50) Toluene-d8	10.185	98	83847	49.910	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.483	95	29013	48.550	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.100%	
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	558	1.146	ug/l #	54
31) Cyclohexane	7.789	56	900	1.173	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	3064	4.173	ug/l #	48
38) Carbon Tetrachloride	7.789	117	4095	5.302	ug/l #	18
51) 4-Methyl-2-Pentanone	10.173	43	391	1.052	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	15193	50.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15193	92.376	ug/l #	3

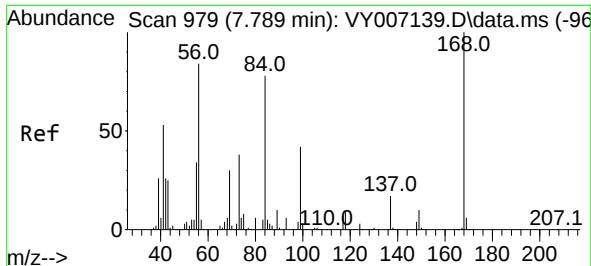
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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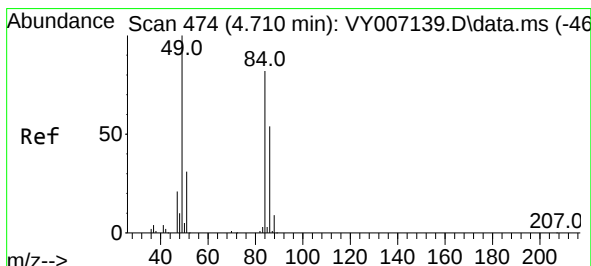
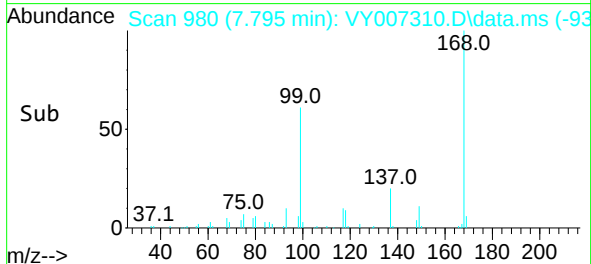
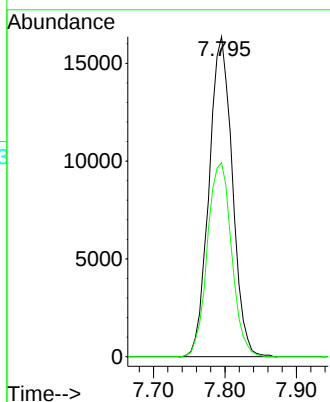
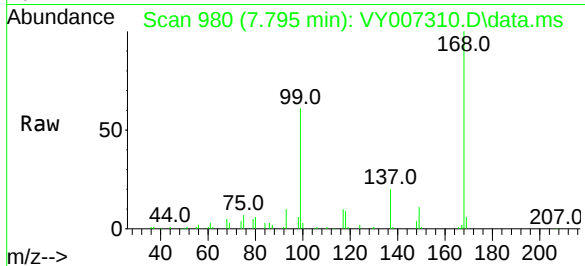




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

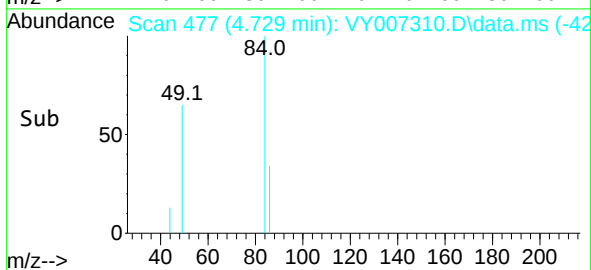
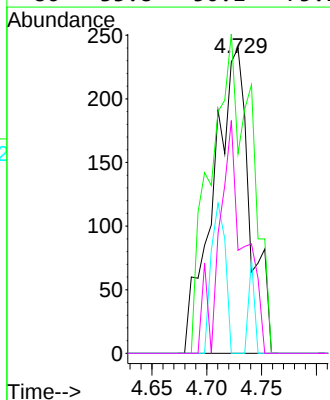
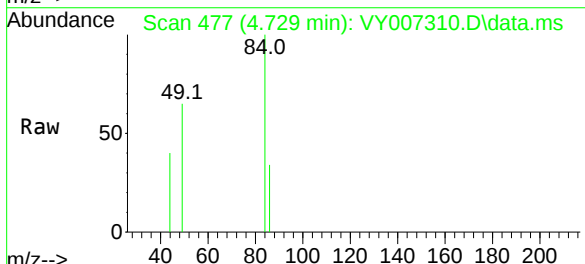
Instrument :
MSVOA_Y
ClientSampleId :
GRAY-EXT-WALL

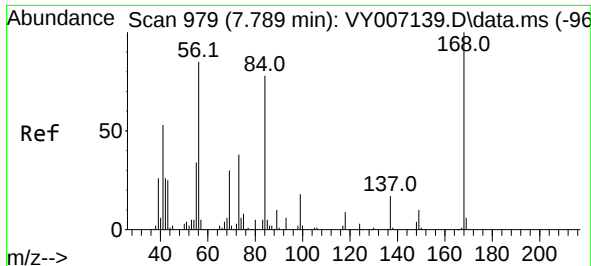
Tgt Ion:168 Resp: 36988
Ion Ratio Lower Upper
168 100
99 60.6 49.1 73.7



#20
Methylene Chloride
Concen: 1.146 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

Tgt Ion: 84 Resp: 558
Ion Ratio Lower Upper
84 100
49 65.4 92.6 139.0#
51 0.0 28.6 42.8#
86 33.8 50.1 75.1#

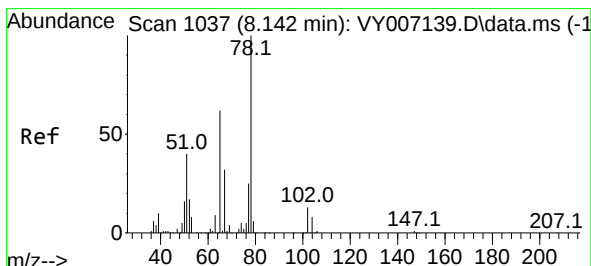
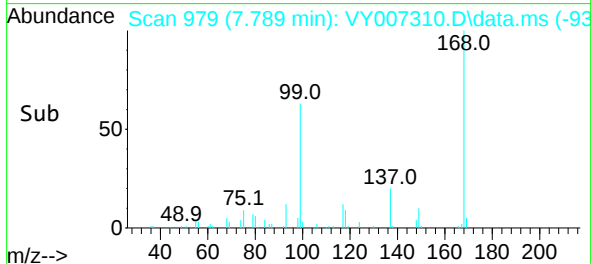
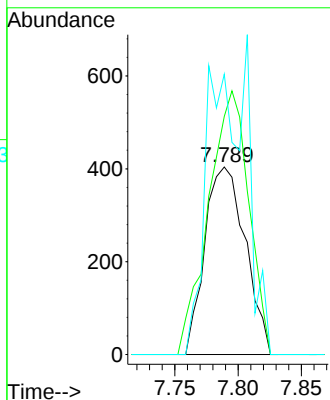
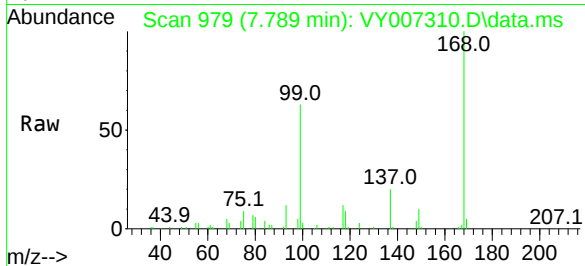




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

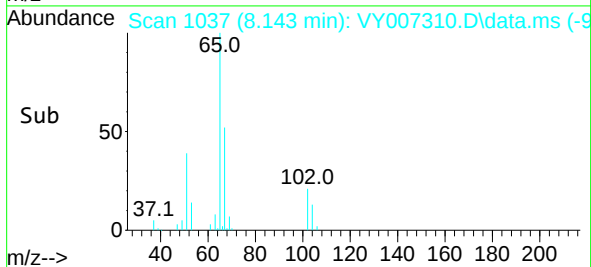
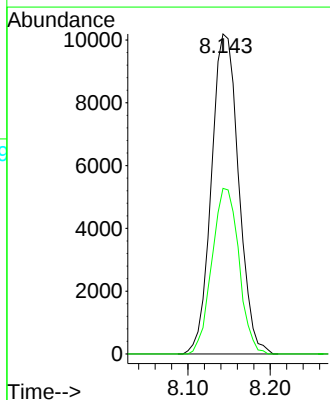
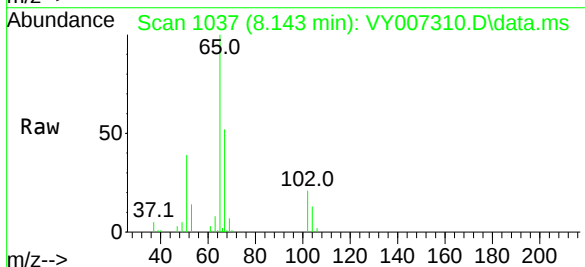
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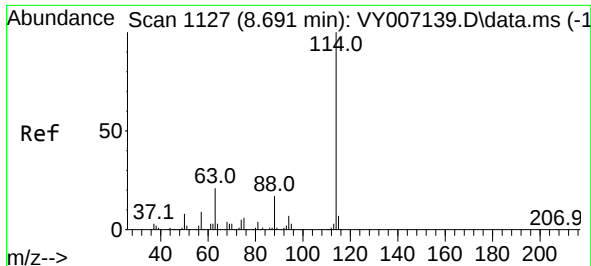
Tgt Ion: 56 Resp: 900
Ion Ratio Lower Upper
56 100
69 127.0 27.2 40.8#
84 149.5 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 51.667 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

Tgt Ion: 65 Resp: 23449
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.6

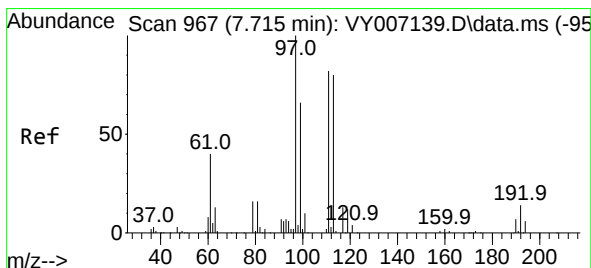
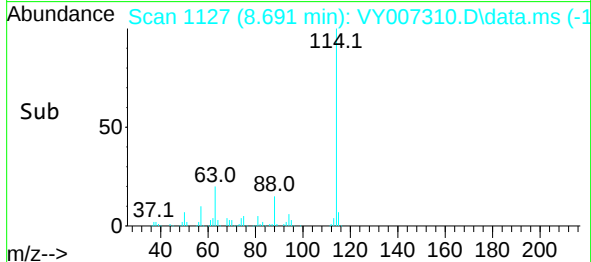
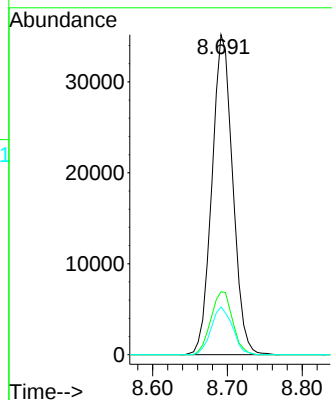
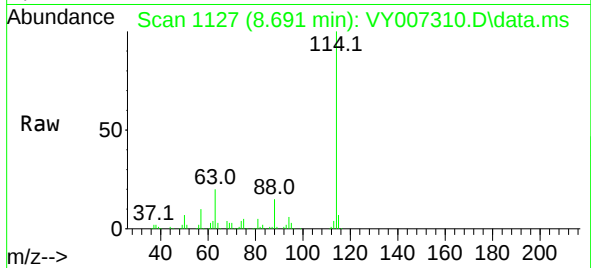




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

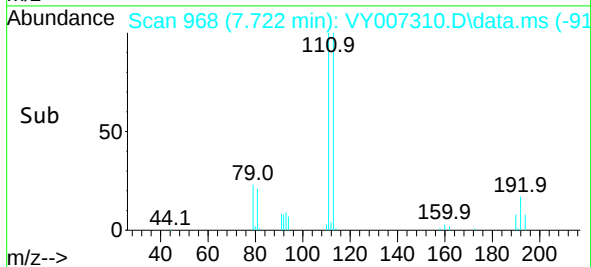
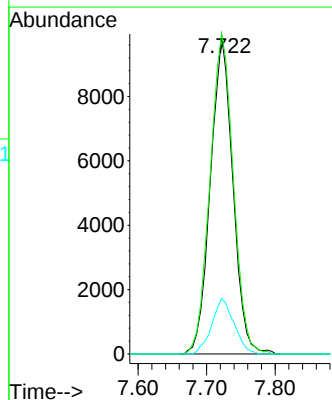
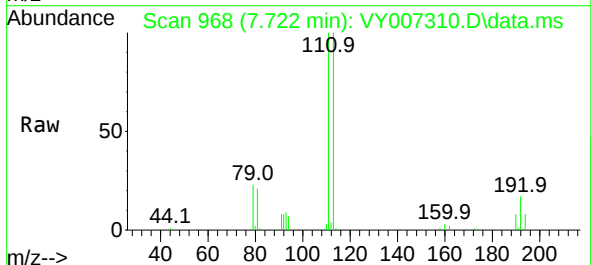
Instrument :
MSVOA_Y
ClientSampleId :
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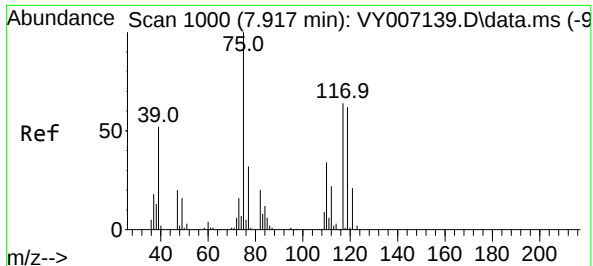
Tgt Ion:	114	Resp:	67994
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.2
88	14.9	0.0	31.0



#35
Dibromofluoromethane
Concen: 48.610 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

Tgt Ion:	113	Resp:	22349
Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.2	123.4
192	17.4	14.2	21.4





#36

1,1-Dichloropropene

Concen: 4.173 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007310.D

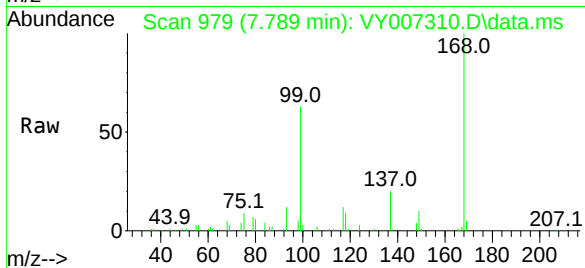
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Instrument :

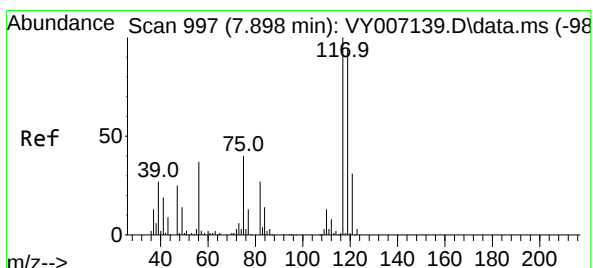
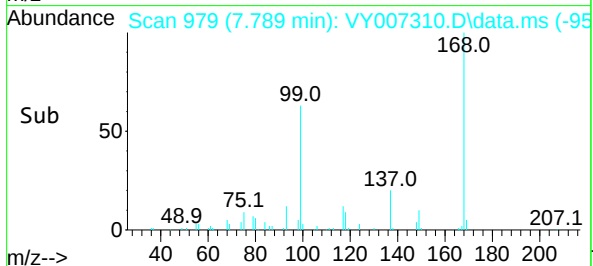
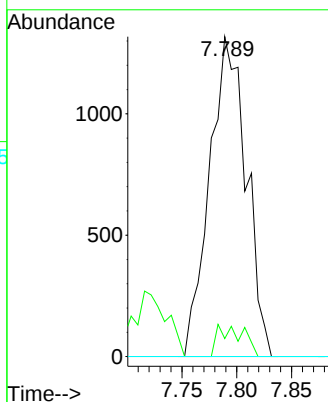
MSVOA_Y

ClientSampleId :

GRAY-EXT-WALL



Tgt Ion: 75	Resp: 3064
Ion Ratio	Lower Upper
75	100
110	6.9 17.3 51.9#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.302 ug/l

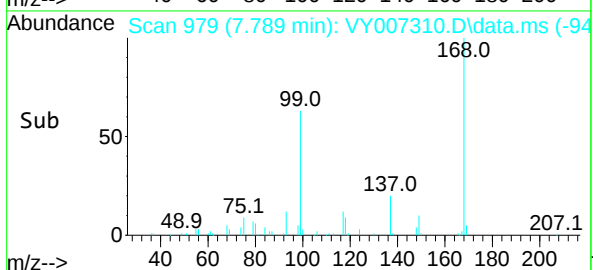
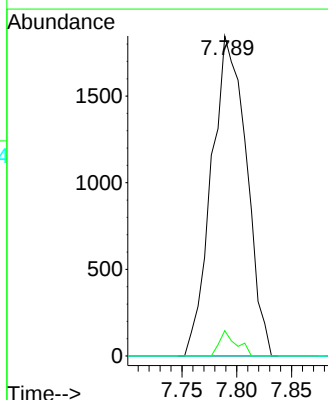
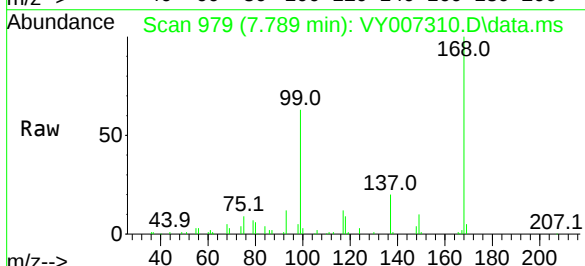
RT: 7.789 min Scan# 979

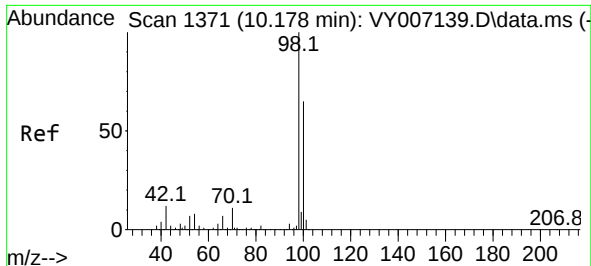
Delta R.T. -0.109 min

Lab File: VY007310.D

Acq: 26 Jan 2022 16:41

Tgt Ion: 117	Resp: 4095
Ion Ratio	Lower Upper
117	100
119	7.9 77.2 115.8#
121	0.0 24.2 36.2#

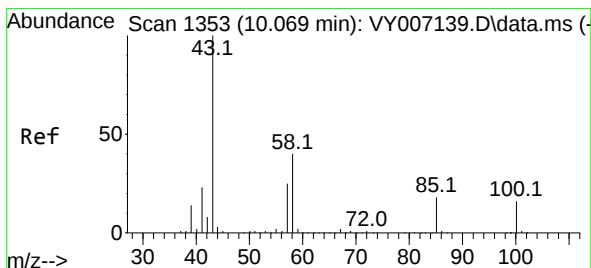
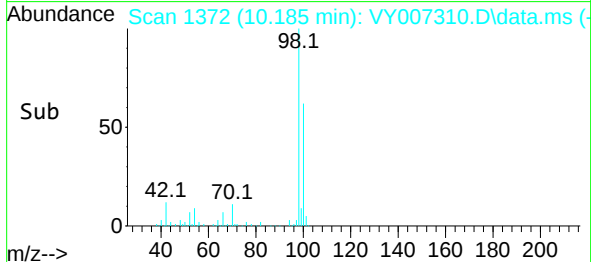
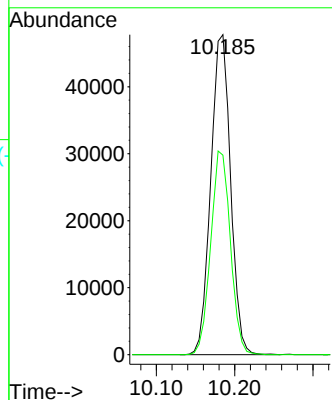
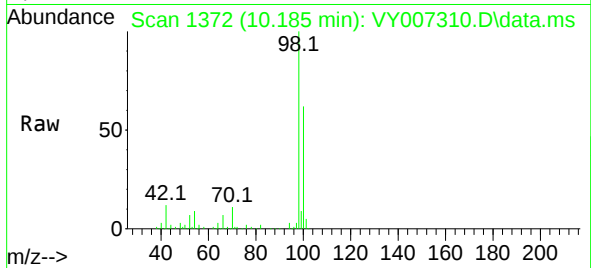




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

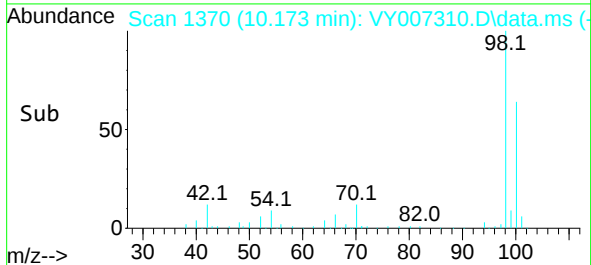
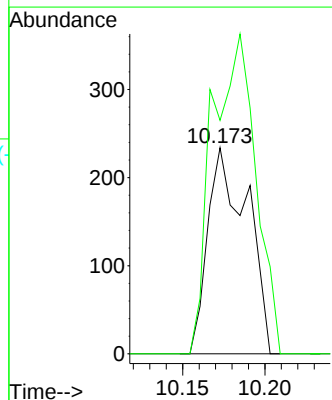
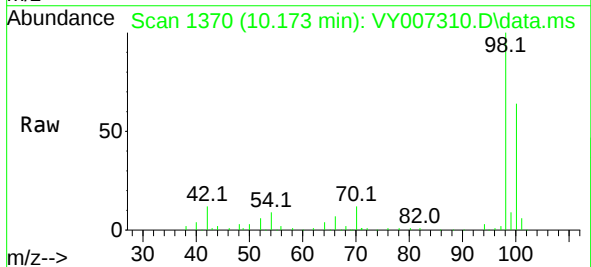
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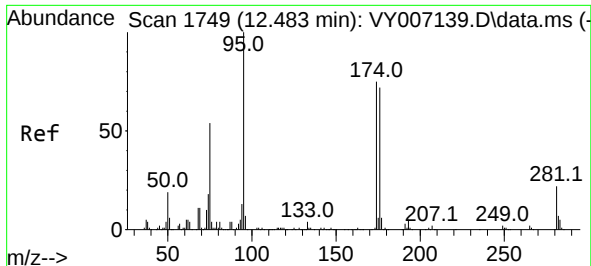
Tgt Ion: 98 Resp: 83847
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.052 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 170.1 32.8 49.2#

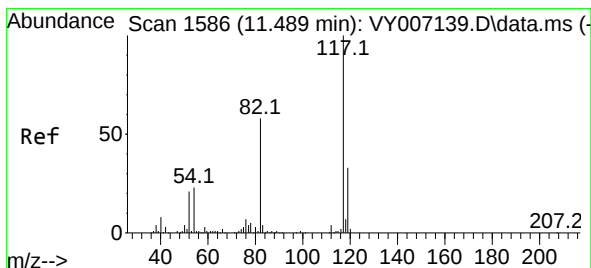
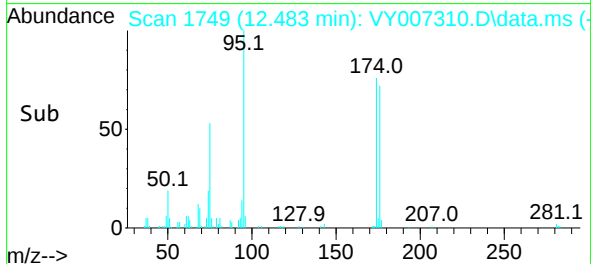
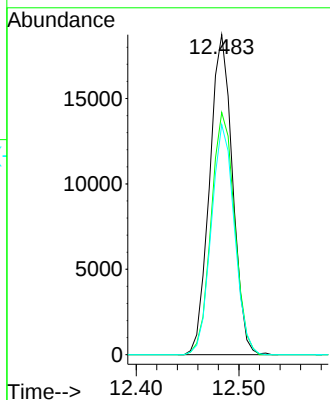
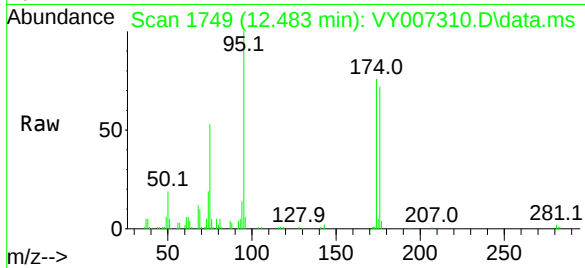




#62
4-Bromofluorobenzene
Concen: 48.550 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

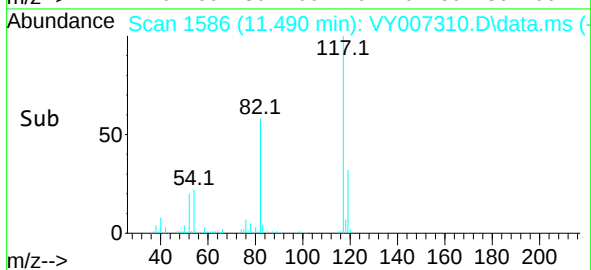
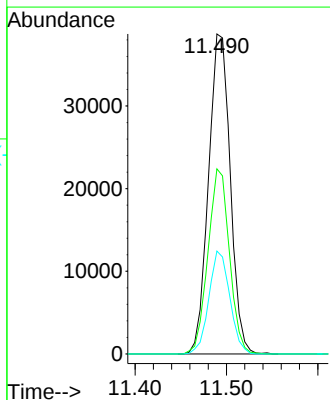
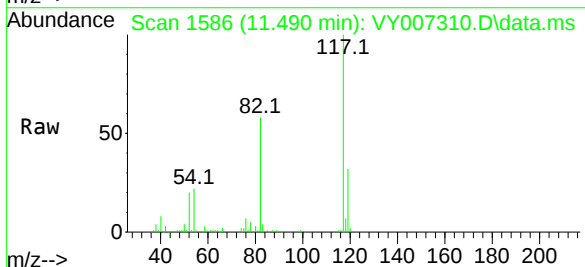
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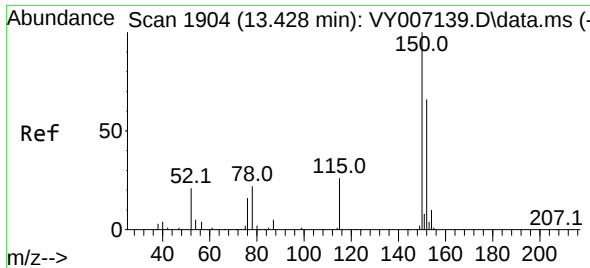
Tgt Ion: 95 Resp: 29013
Ion Ratio Lower Upper
95 100
174 77.1 0.0 148.4
176 72.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007310.D
Acq: 26 Jan 2022 16:41

Tgt Ion: 117 Resp: 63877
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.2 26.4 39.6

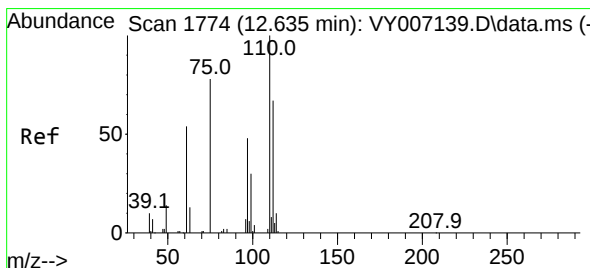
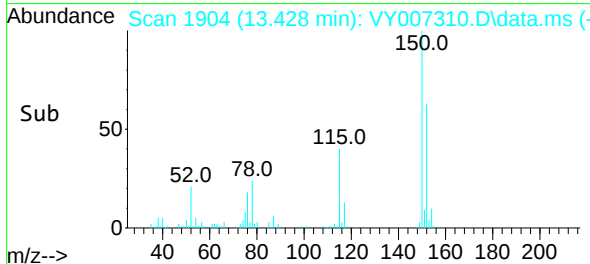
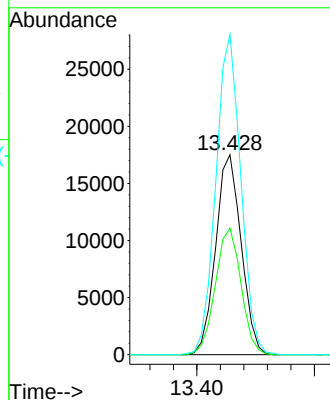
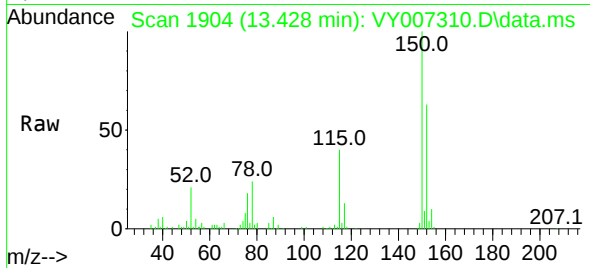




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007310.D
 Acq: 26 Jan 2022 16:41

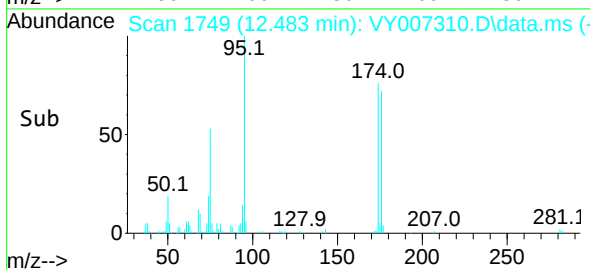
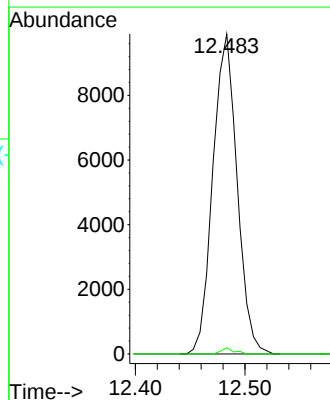
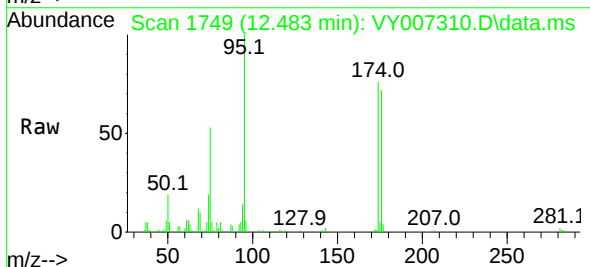
Instrument :
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 GRAY-EXT-WALL

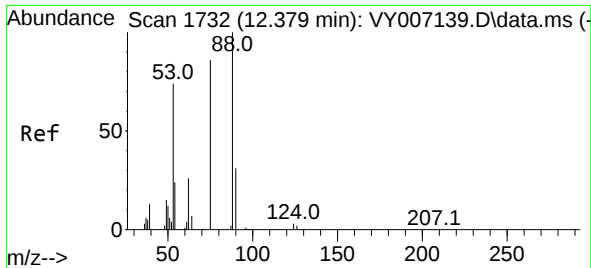
Tgt Ion:152 Resp: 26406
 Ion Ratio Lower Upper
 152 100
 115 63.6 31.4 94.0
 150 156.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.459 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007310.D
 Acq: 26 Jan 2022 16:41

Tgt Ion: 75 Resp: 15193
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.376 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007310.D
 Acq: 26 Jan 2022 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAY-EXT-WALL

Tgt Ion: 75 Resp: 15193
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

