

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013379.D
 Acq On : 20 Apr 2023 19:31
 Operator : KP/MD
 Sample : 02426-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-041923

Quant Time: Apr 21 02:16:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

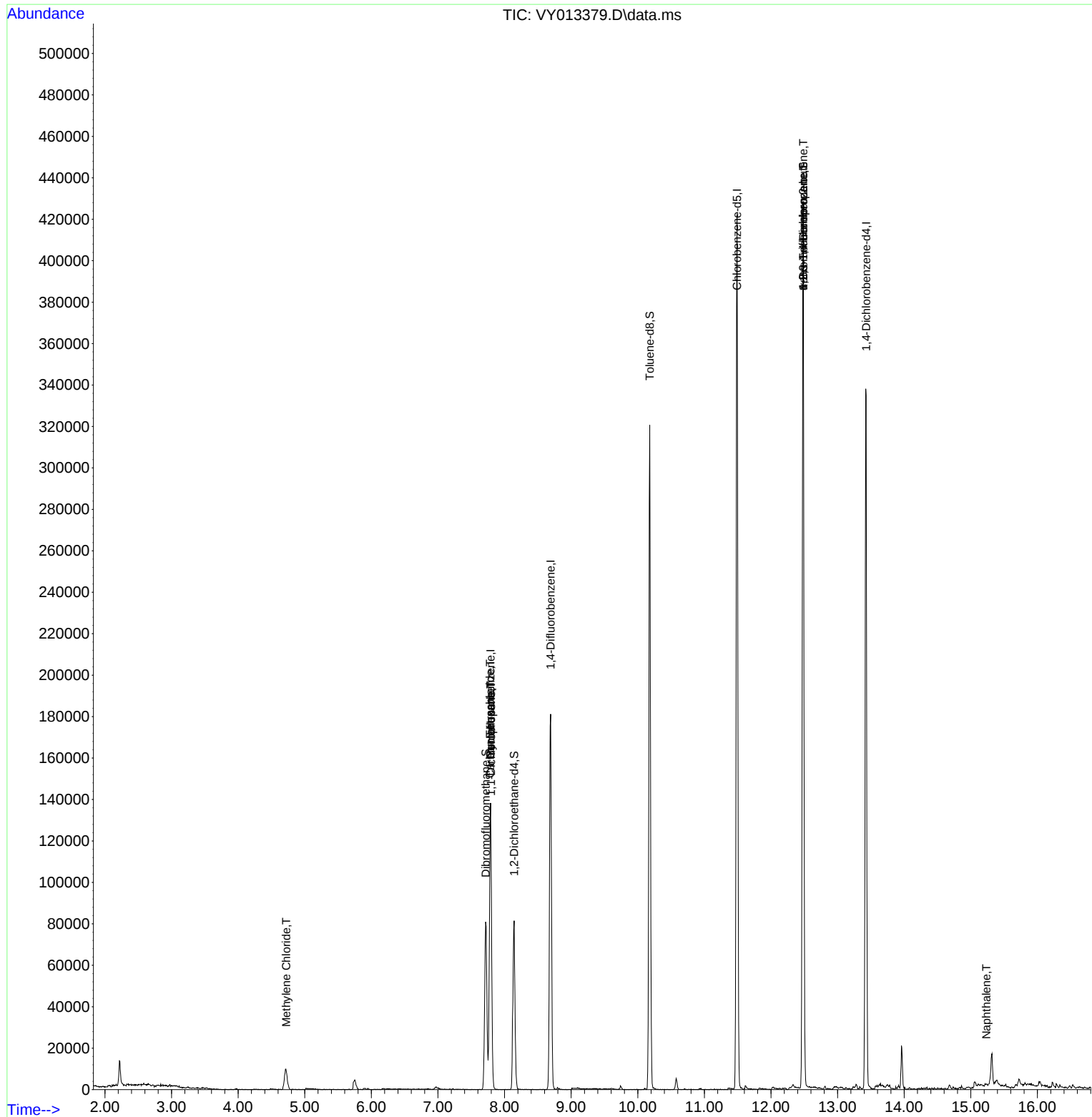
Internal Standards						
1) Pentafluorobenzene	7.789	168	106146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74628	58.503	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.000%			
35) Dibromofluoromethane	7.716	113	49183	48.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.600%			
50) Toluene-d8	10.179	98	201466	53.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.483	95	121339	99.551	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 199.100%#			
Target Compounds						
20) Methylene Chloride	4.723	84	6996	1.932	ug/l	92
31) Cyclohexane	7.789	56	2273	1.178	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	6817	4.465	ug/l #	55
38) Carbon Tetrachloride	7.783	117	10496	6.217	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	63091	54.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63091	113.693	ug/l #	13
95) Naphthalene	15.233	128	805	3.390	ug/l #	88

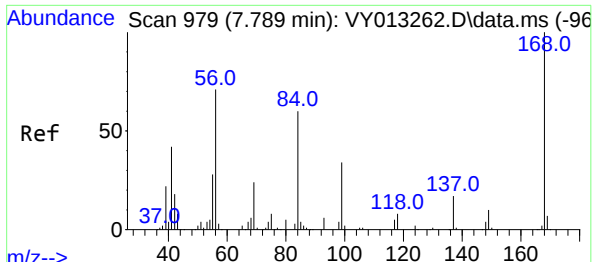
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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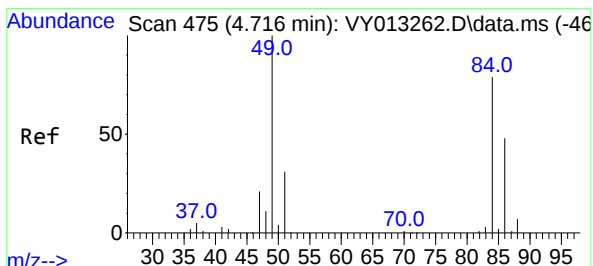
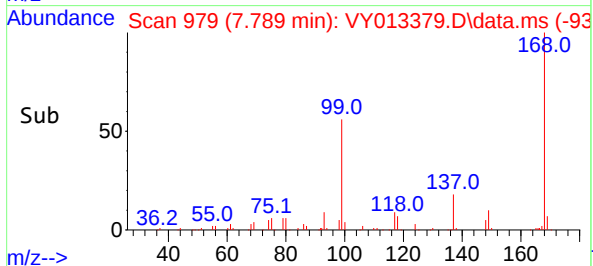
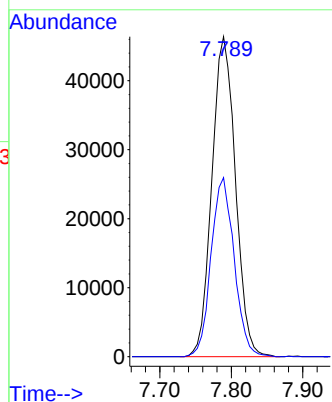
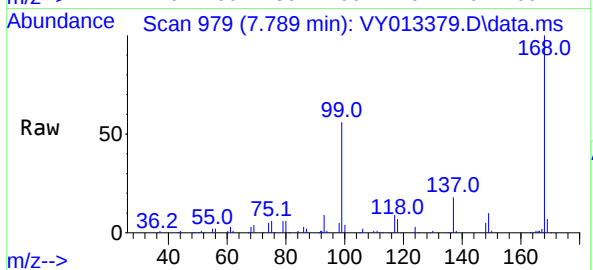




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

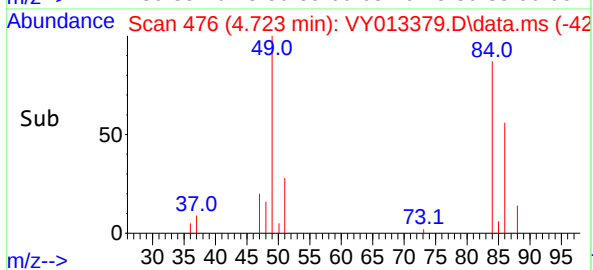
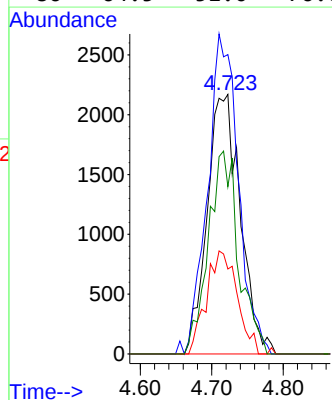
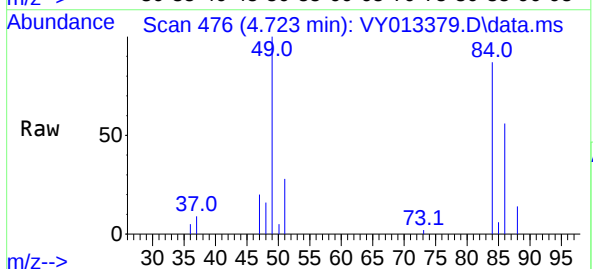
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-041923

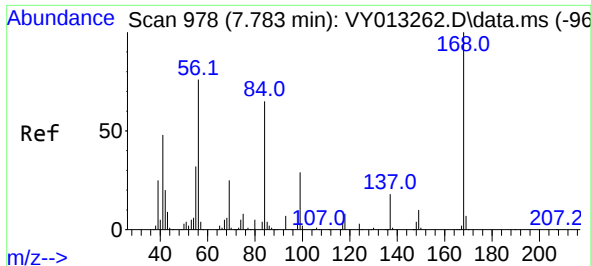
Tgt Ion:168 Resp: 106146
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#20
Methylene Chloride
Concen: 1.932 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

Tgt Ion: 84 Resp: 6996
Ion Ratio Lower Upper
84 100
49 115.4 102.6 154.0
51 32.8 31.9 47.9
86 64.5 51.0 76.6

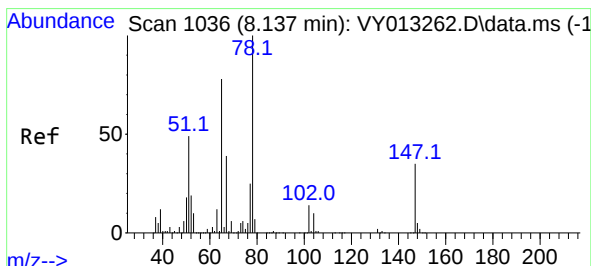
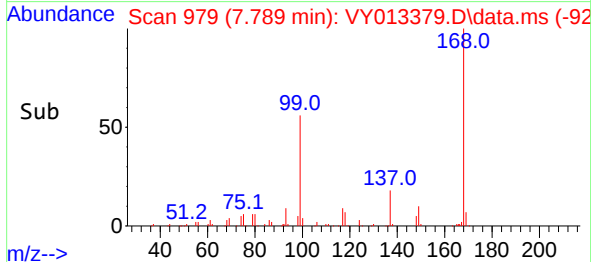
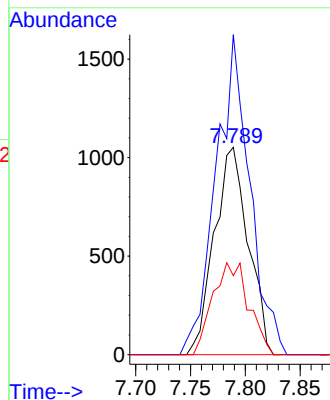
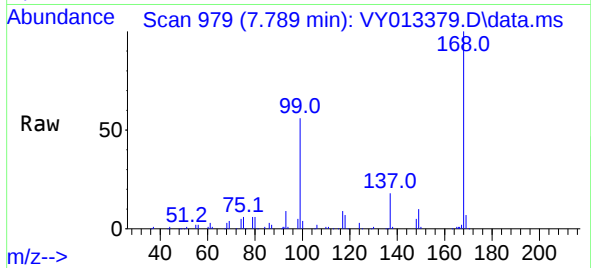




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

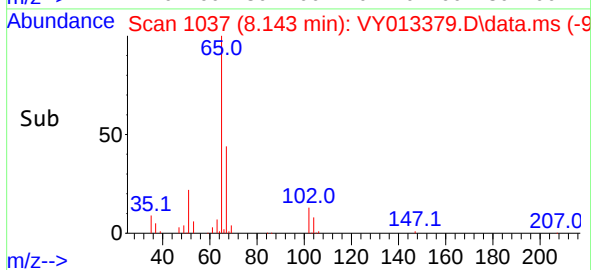
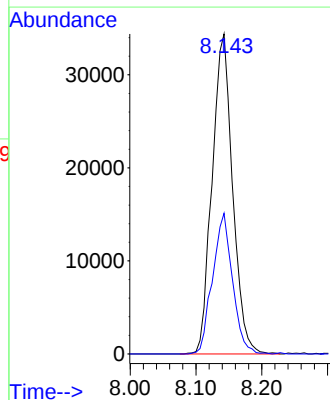
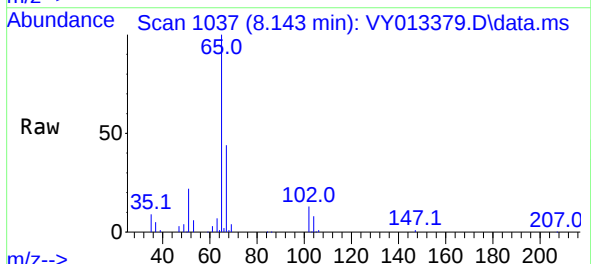
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MSVOA_Y
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EO-3-041923

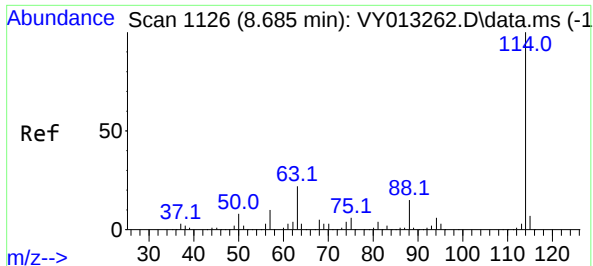
Tgt Ion: 56 Resp: 2273
Ion Ratio Lower Upper
56 100
69 154.4 25.7 38.5#
84 38.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 58.503 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

Tgt Ion: 65 Resp: 74628
Ion Ratio Lower Upper
65 100
67 42.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013379.D

Acq: 20 Apr 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-041923

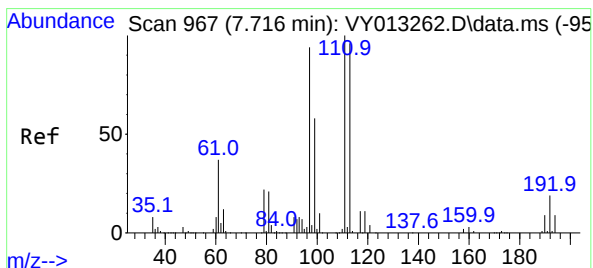
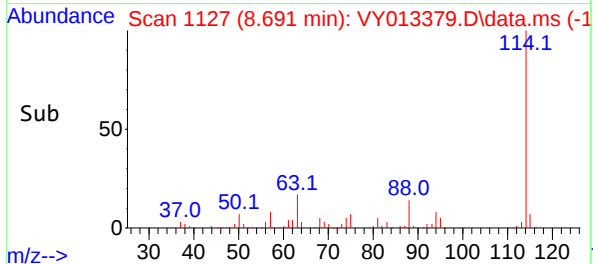
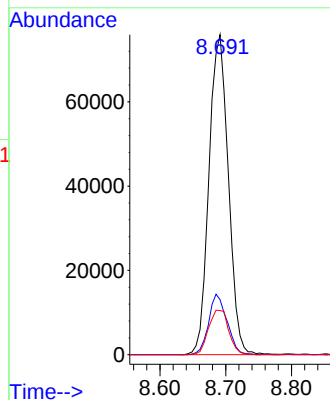
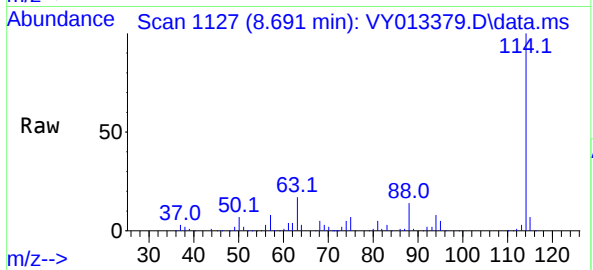
Tgt Ion:114 Resp: 155676

Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.4

88 13.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013379.D

Acq: 20 Apr 2023 19:31

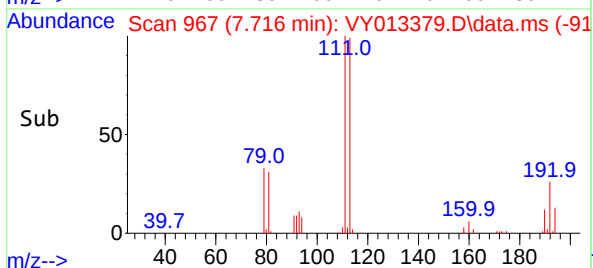
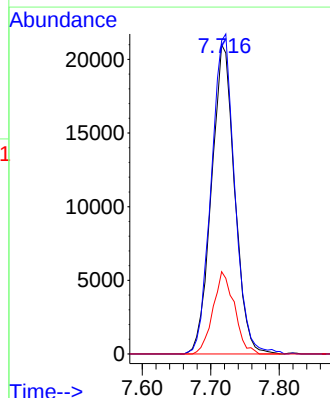
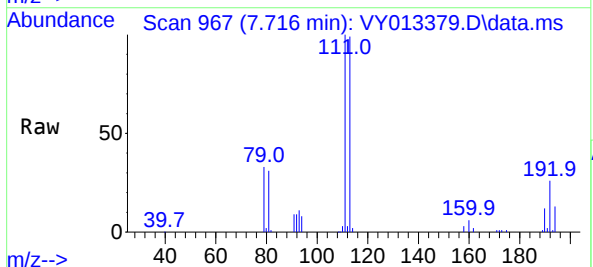
Tgt Ion:113 Resp: 49183

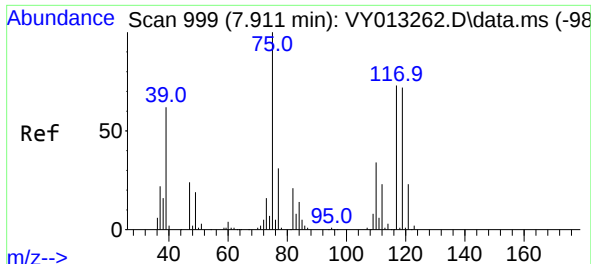
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.2

192 24.6 16.8 25.2

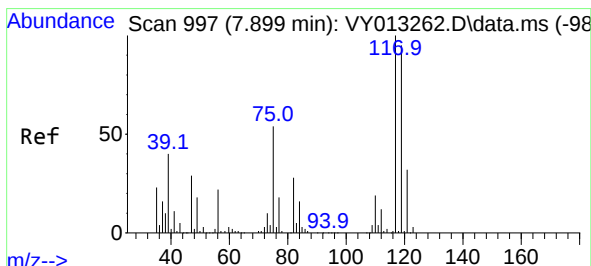
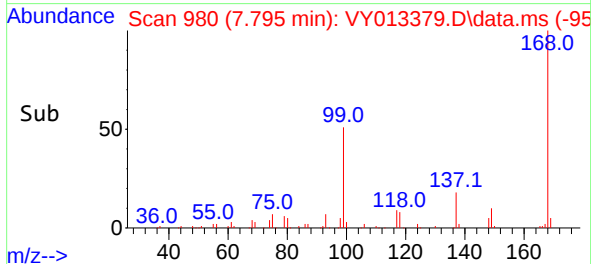
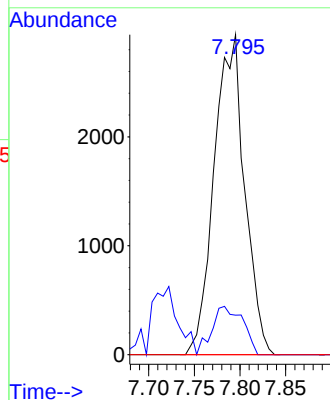
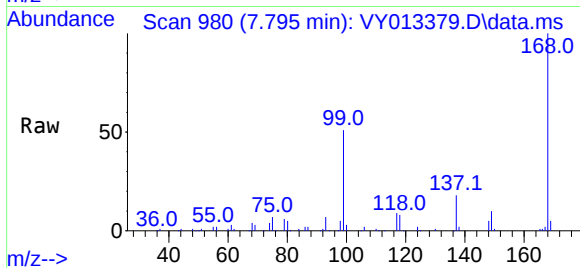




#36
 1,1-Dichloropropene
 Concen: 4.465 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY013379.D
 Acq: 20 Apr 2023 19:31

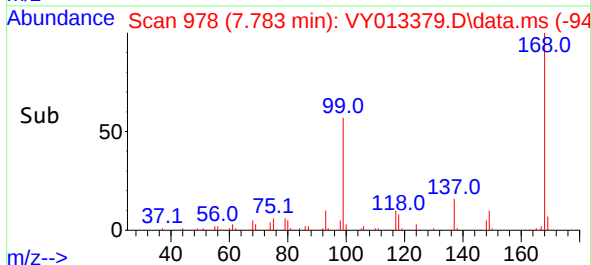
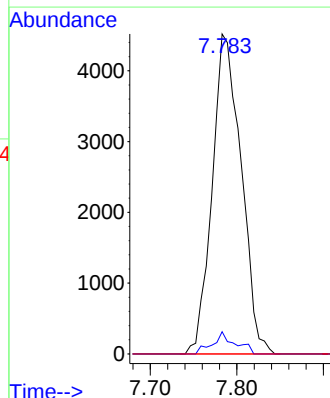
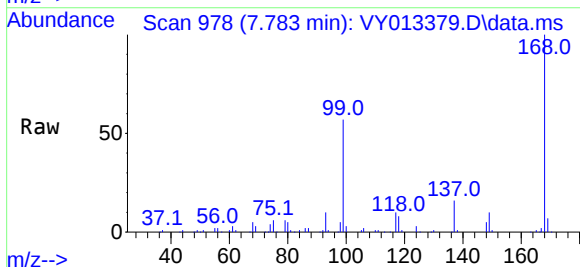
Instrument :
 MSVOA_Y
 ClientSampleId :
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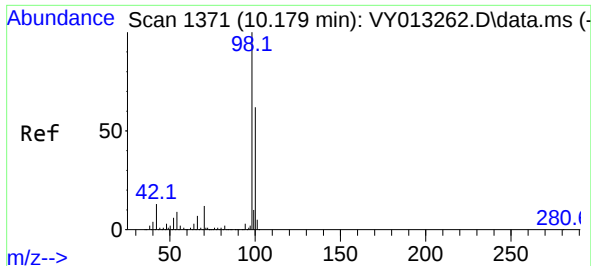
Tgt Ion: 75 Resp: 6817
 Ion Ratio Lower Upper
 75 100
 110 15.3 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.217 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY013379.D
 Acq: 20 Apr 2023 19:31

Tgt Ion: 117 Resp: 10496
 Ion Ratio Lower Upper
 117 100
 119 6.9 77.2 115.8#
 121 0.0 24.7 37.1#

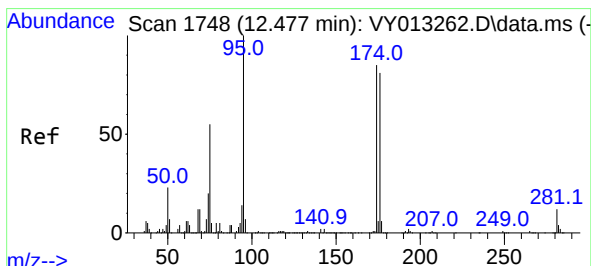
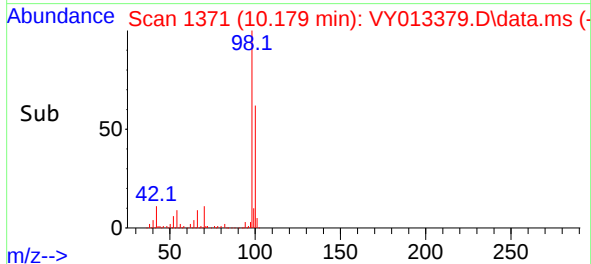
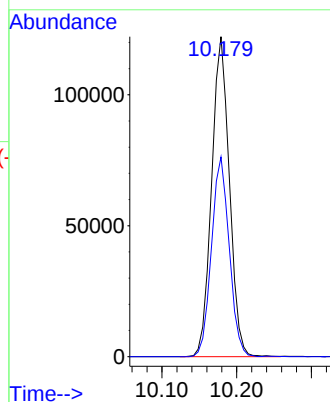
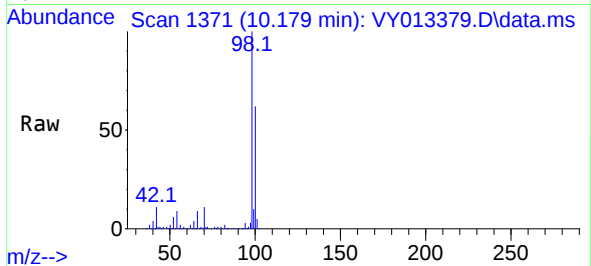




#50
Toluene-d8
Concen: 53.705 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

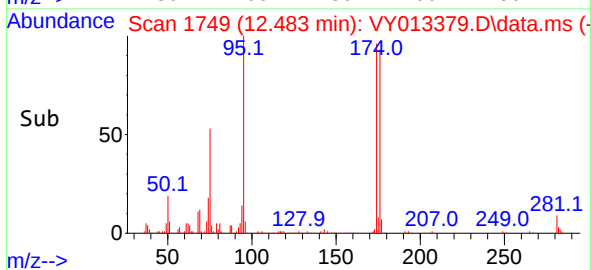
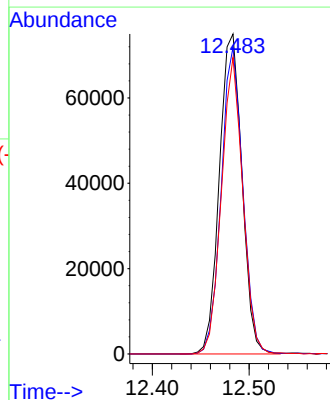
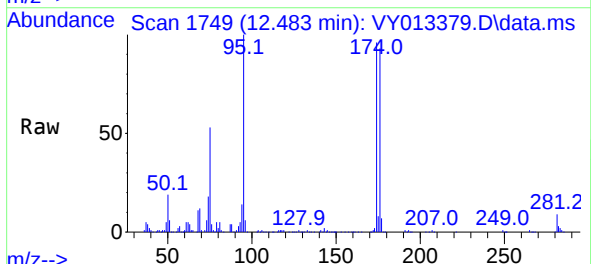
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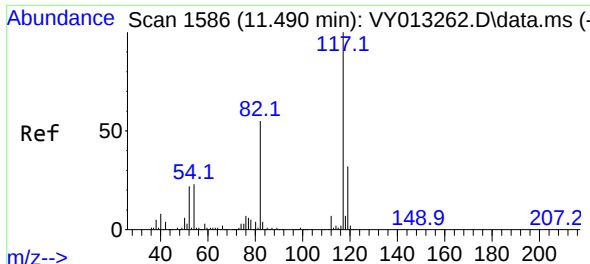
Tgt Ion: 98 Resp: 201466
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 99.551 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

Tgt Ion: 95 Resp: 121339
Ion Ratio Lower Upper
95 100
174 91.6 0.0 176.6
176 87.4 0.0 170.2

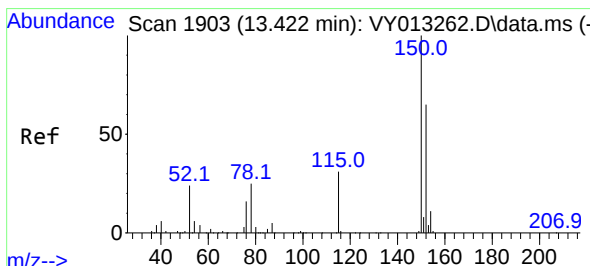
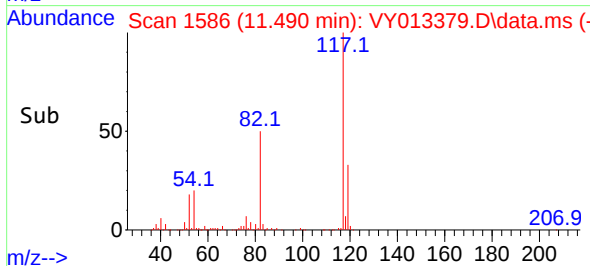
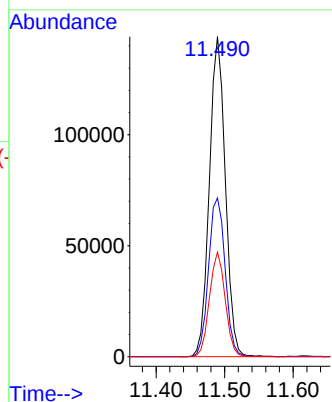
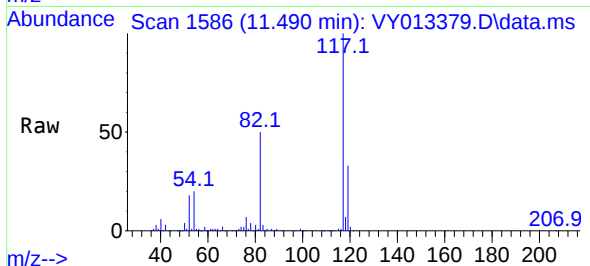




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

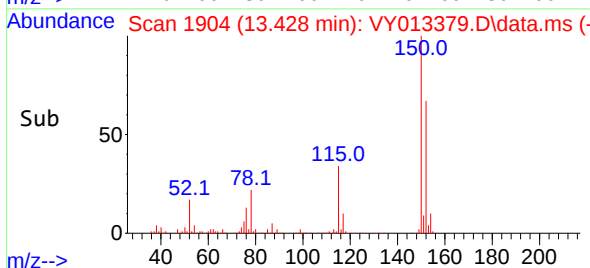
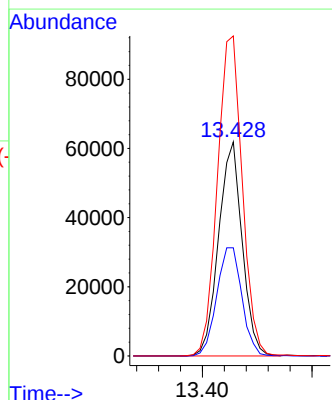
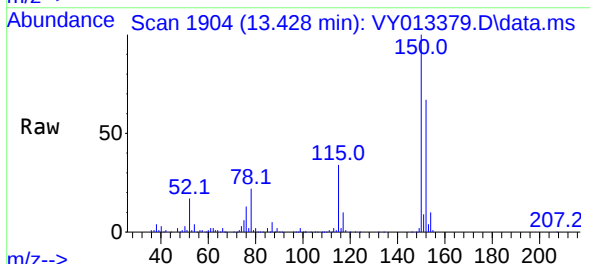
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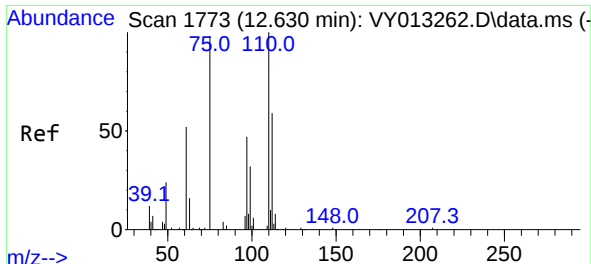
Tgt Ion:117 Resp: 234353
Ion Ratio Lower Upper
117 100
82 49.6 45.4 68.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

Tgt Ion:152 Resp: 92429
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.3
150 157.9 0.0 347.8

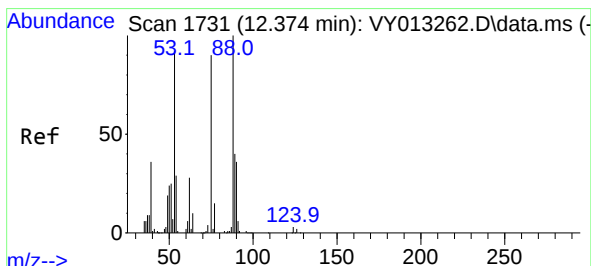
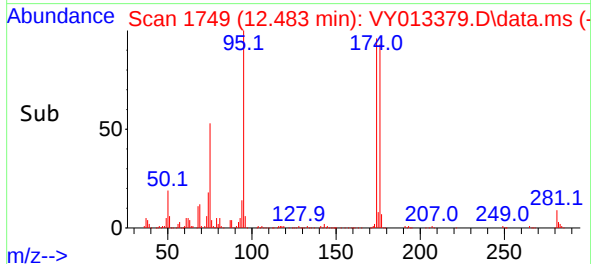
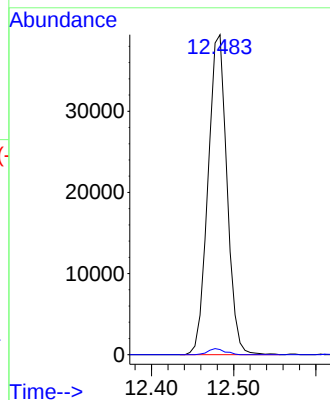
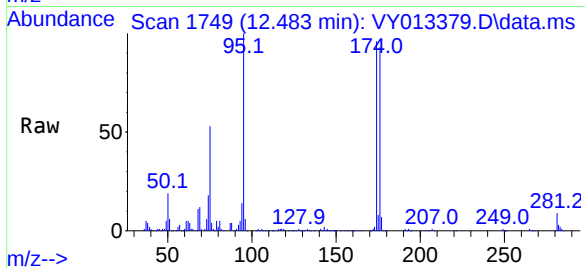




#76
1,2,3-Trichloropropane
Concen: 54.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

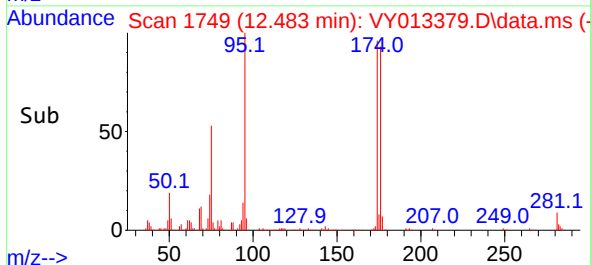
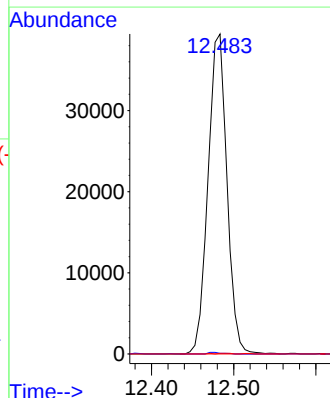
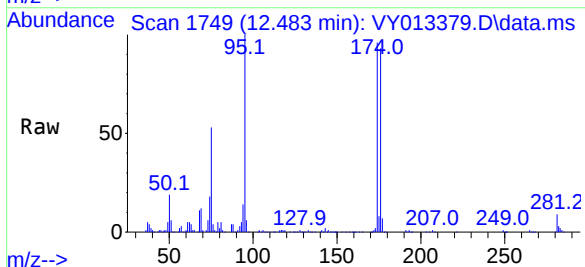
Instrument :
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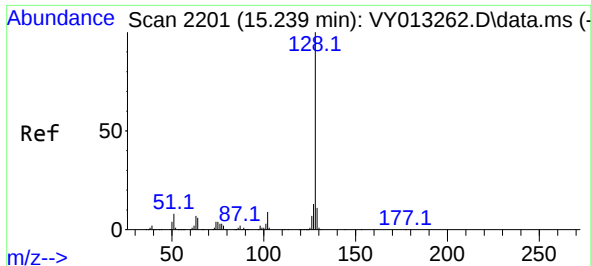
Tgt Ion: 75 Resp: 63091
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

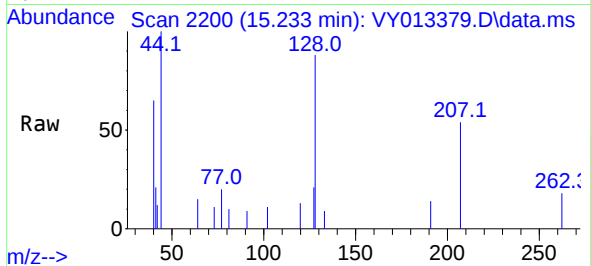
Tgt Ion: 75 Resp: 63091
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.0 36.6 55.0#





#95
Naphthalene
Concen: 3.390 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-041923



Tgt Ion:	128	Resp:	805
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.3	15.5#
129	4.1	8.6	13.0#

