

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012816.D
 Acq On : 06 Mar 2023 12:26
 Operator : KP/MD
 Sample : 01749-16
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-18

Quant Time: Mar 06 14:14:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

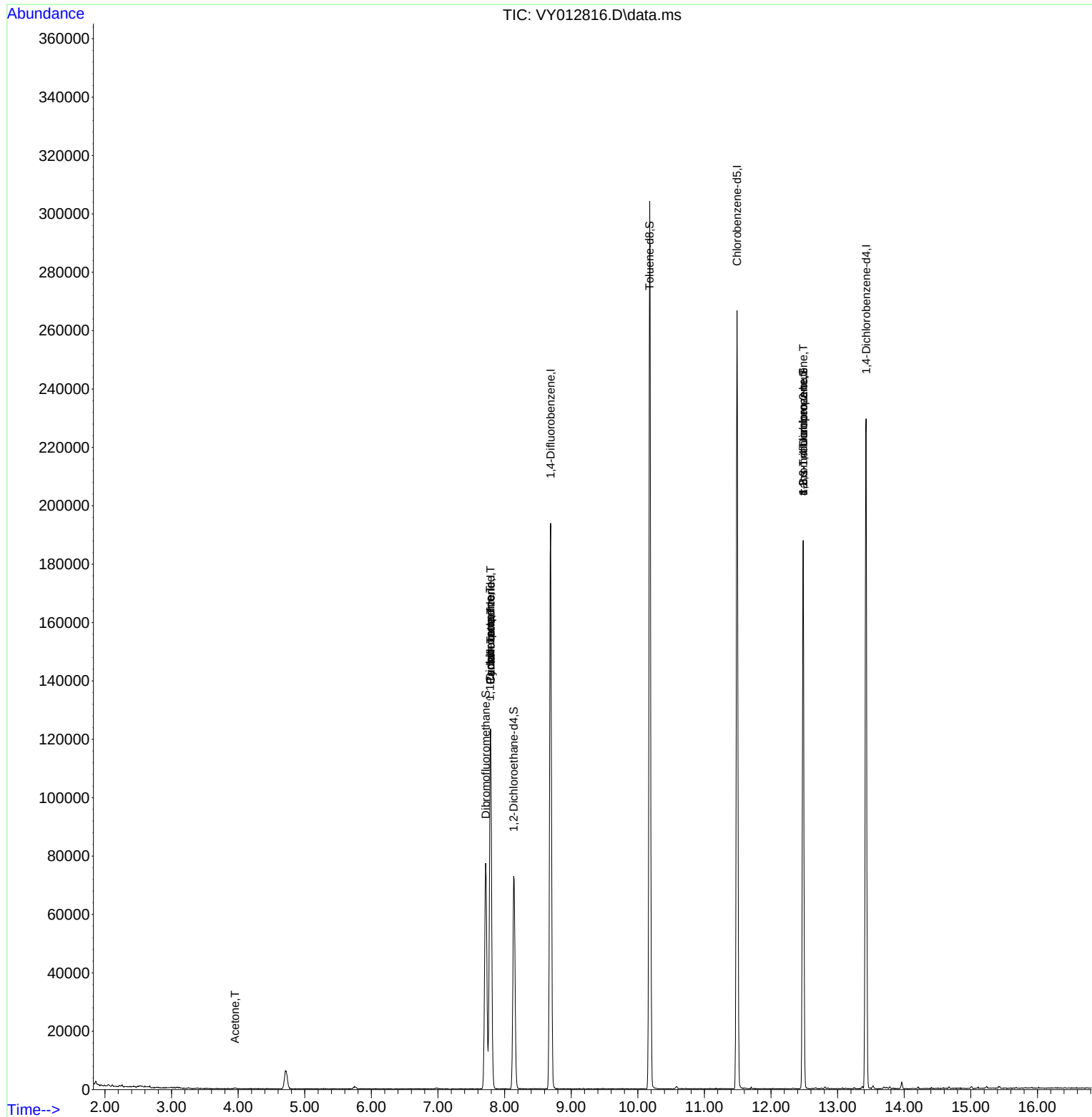
Internal Standards						
1) Pentafluorobenzene	7.789	168	98954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	141723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57354	58.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.760%	
35) Dibromofluoromethane	7.716	113	54375	55.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.179	98	193147	53.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	12.483	95	54218	44.506	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	562	1.457	ug/l #	77
20) Methylene Chloride	4.716	84	4842	Below Cal		88
31) Cyclohexane	7.789	56	1911	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7298	4.411	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9872	5.778	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	27949	38.550	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27949	79.876	ug/l #	13

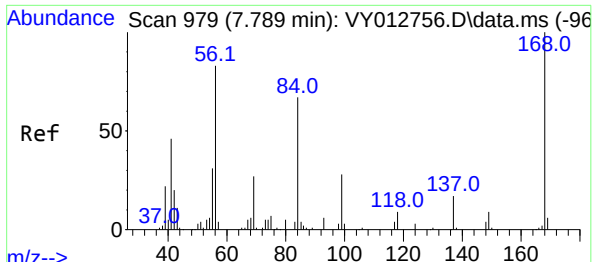
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

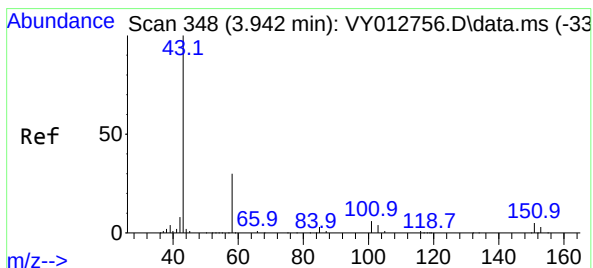
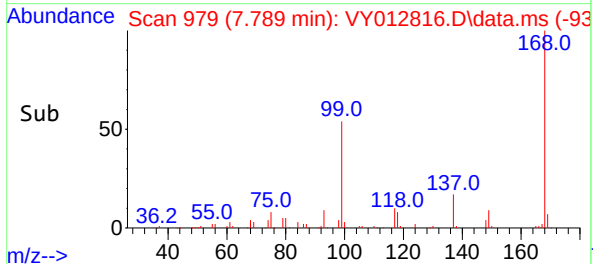
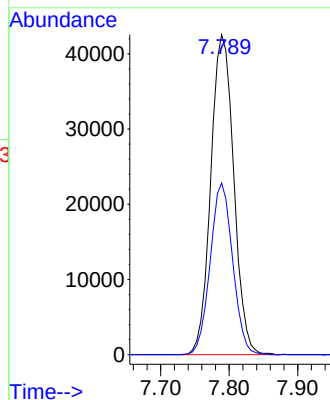
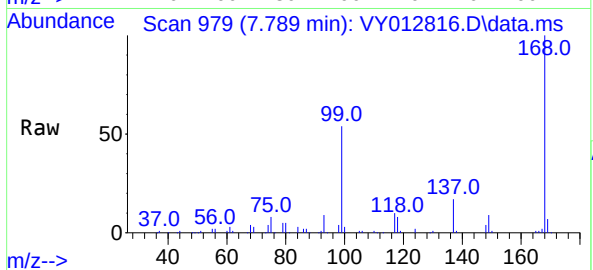




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

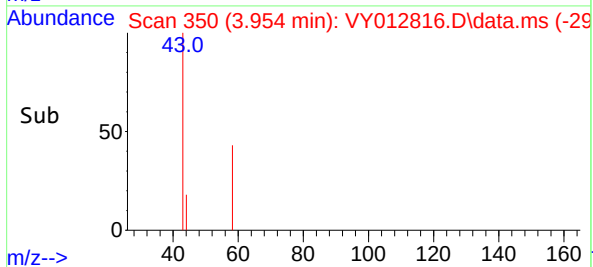
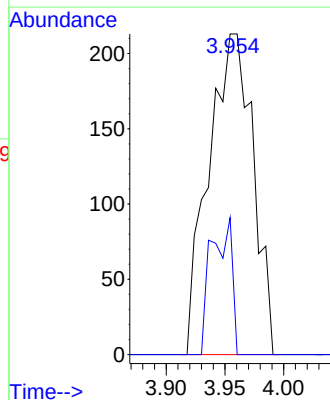
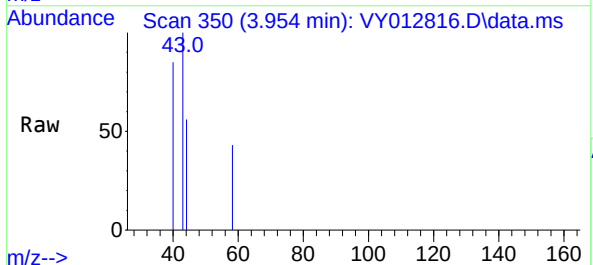
Instrument :
MSVOA_Y
ClientSampleId :
CF-18

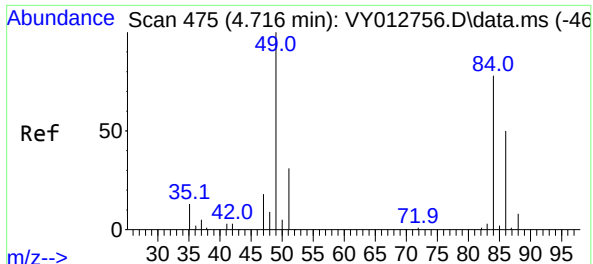
Tgt Ion:168 Resp: 98954
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#16
Acetone
Concen: 1.457 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 42.7 24.2 36.2#



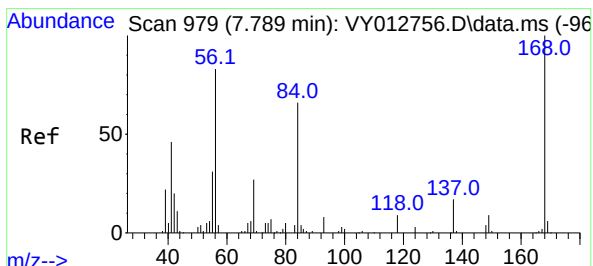
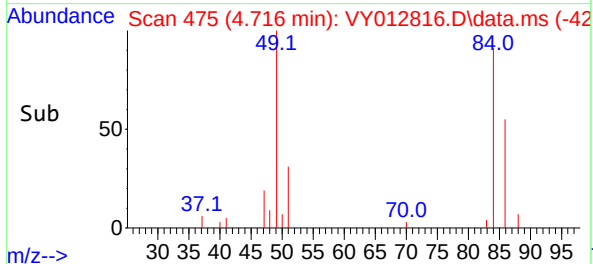
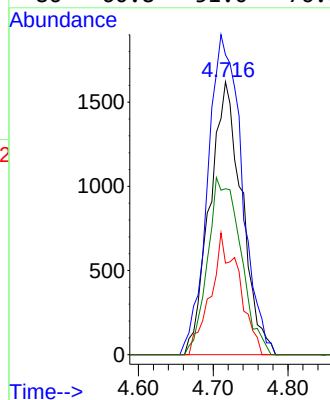
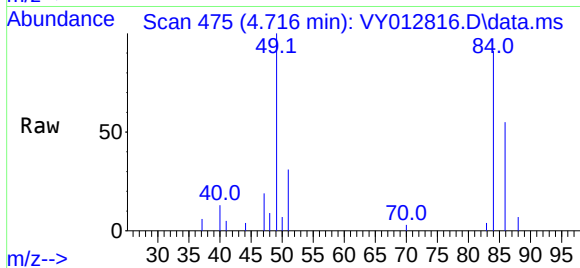


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
CF-18

Tgt Ion: 84 Resp: 4842

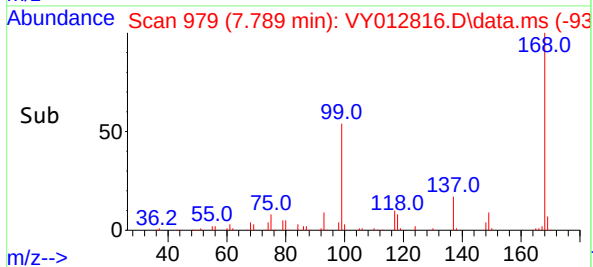
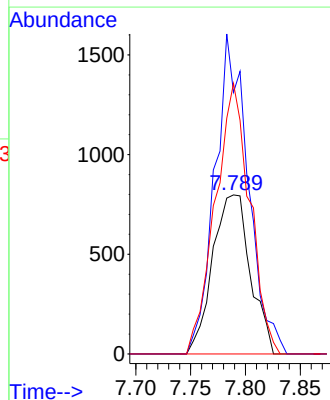
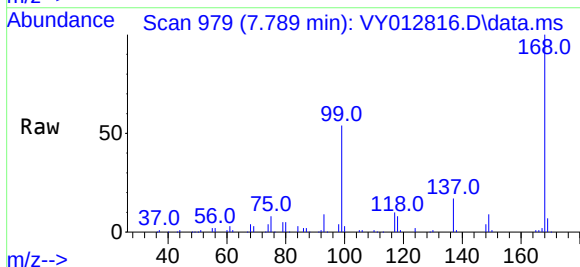
Ion	Ratio	Lower	Upper
84	100		
49	109.9	102.6	154.0
51	33.6	31.9	47.9
86	60.8	51.0	76.6

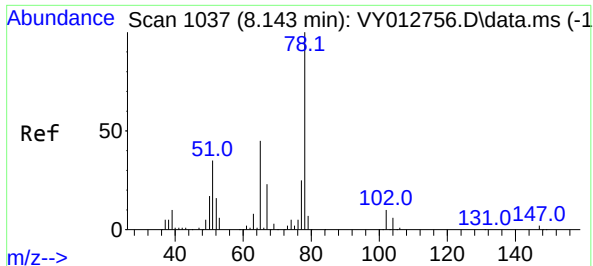


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Tgt Ion: 56 Resp: 1911

Ion	Ratio	Lower	Upper
56	100		
69	164.4	25.7	38.5#
84	170.1	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 58.376 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012816.D

Acq: 06 Mar 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

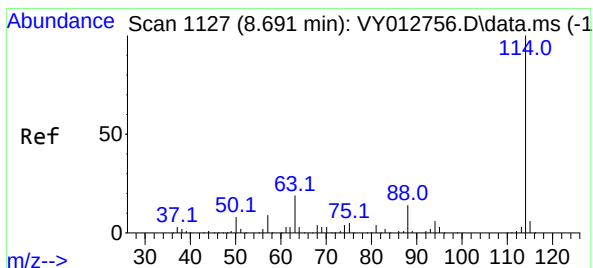
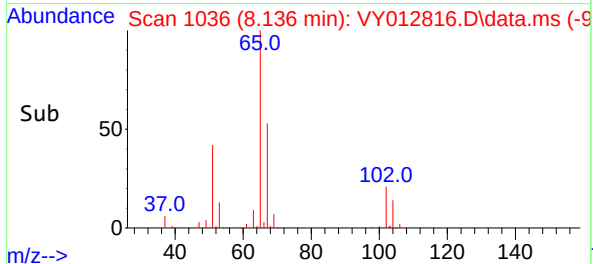
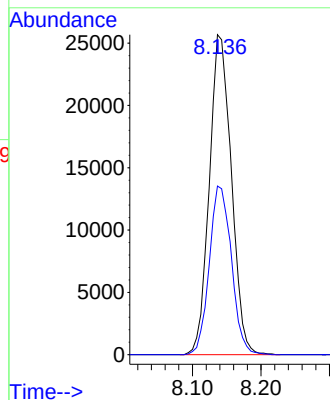
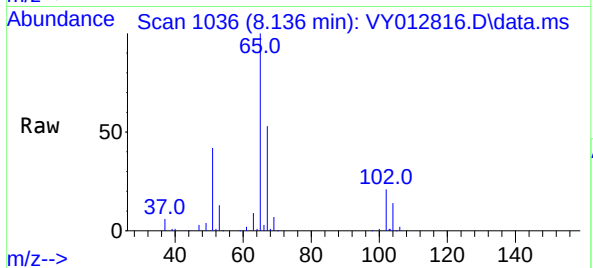
CF-18

Tgt Ion: 65 Resp: 57354

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012816.D

Acq: 06 Mar 2023 12:26

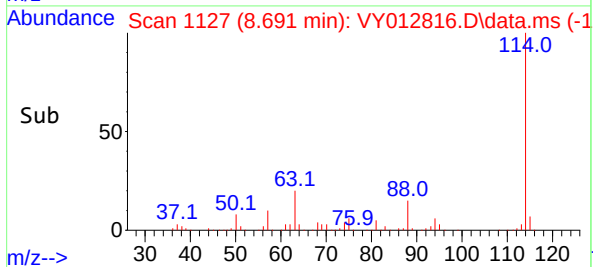
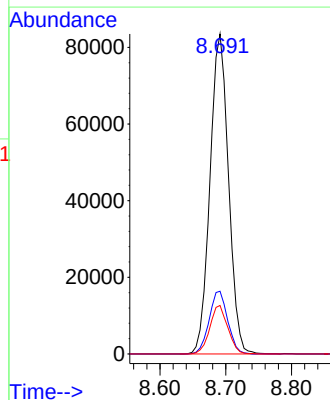
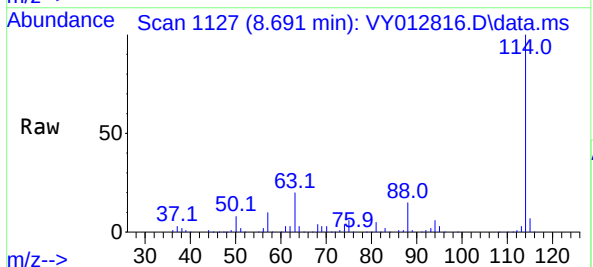
Tgt Ion: 114 Resp: 163593

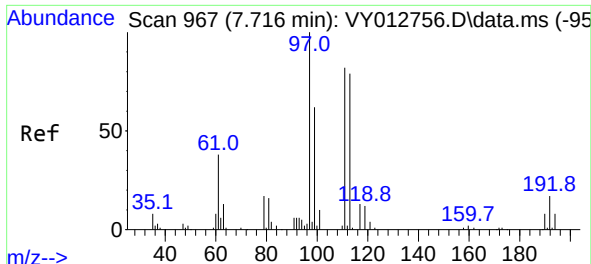
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.1 0.0 28.6

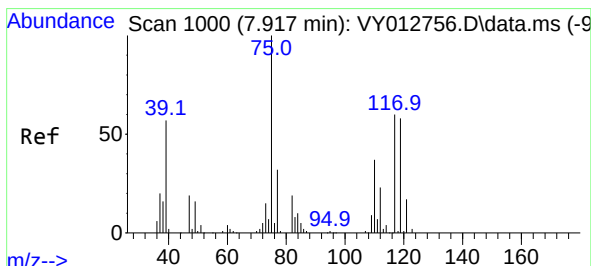
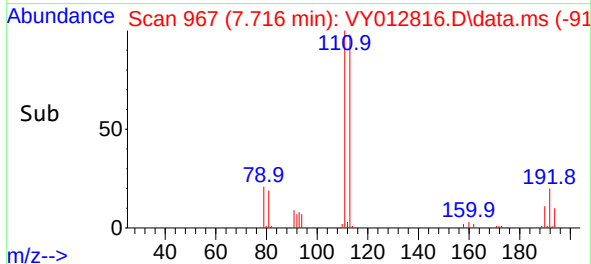
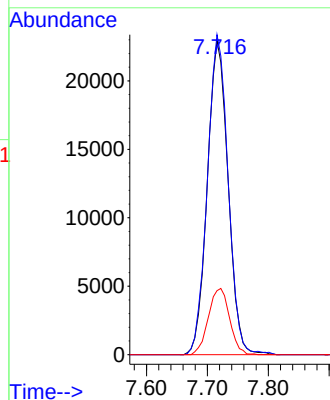
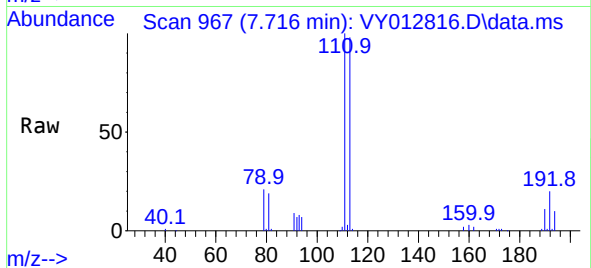




#35
Dibromofluoromethane
Concen: 55.075 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

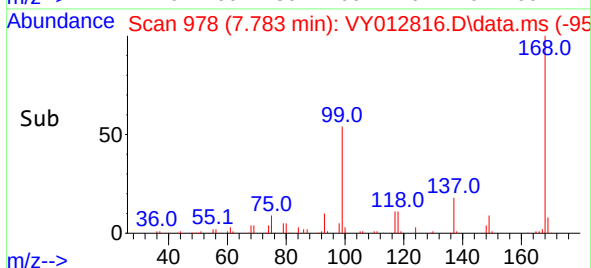
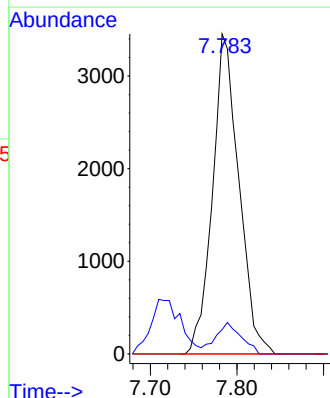
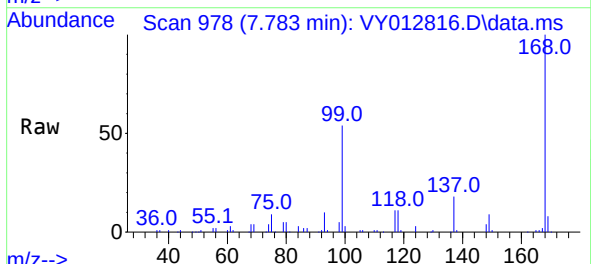
Instrument :
MSVOA_Y
ClientSampleId :
CF-18

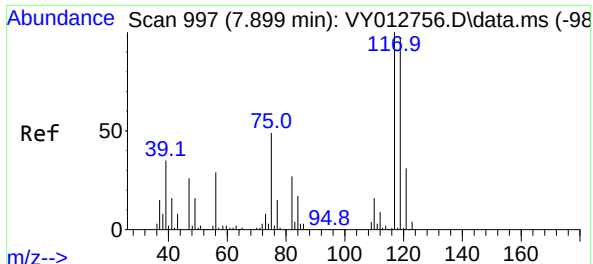
Tgt Ion:113 Resp: 54375
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

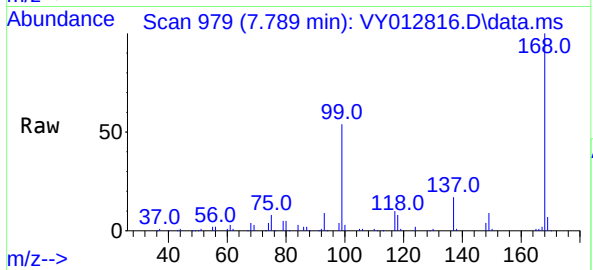
Tgt Ion: 75 Resp: 7298
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.0 25.0 37.4#



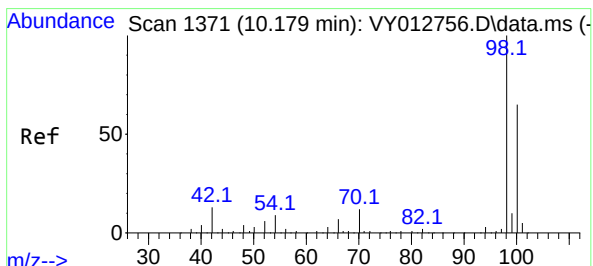
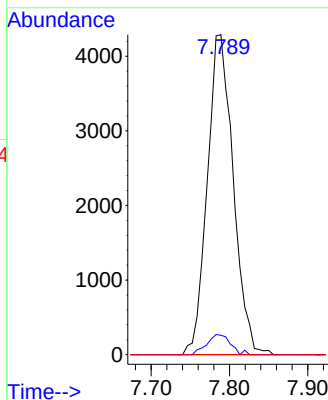
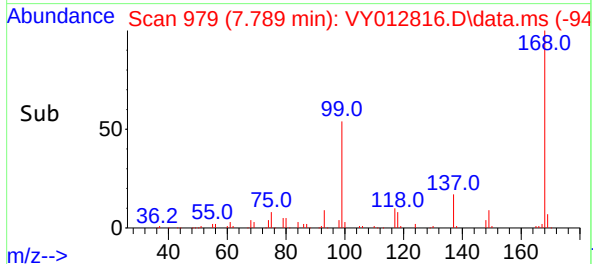


#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

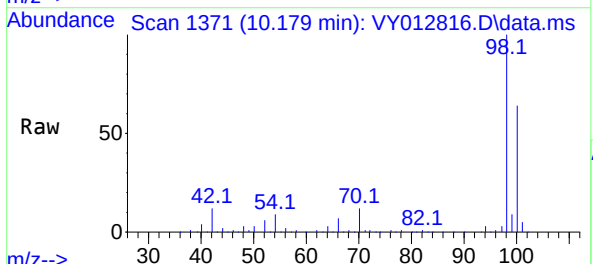
Instrument :
MSVOA_Y
ClientSampleId :
CF-18



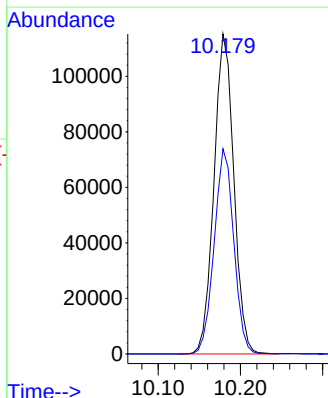
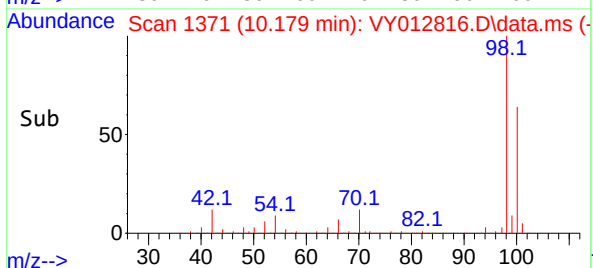
Tgt Ion:117 Resp: 9872
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 24.7 37.1#

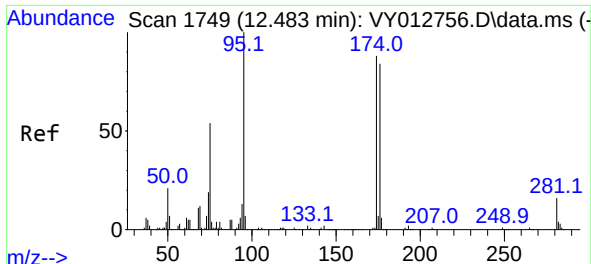


#50
Toluene-d8
Concen: 53.514 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26



Tgt Ion: 98 Resp: 193147
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

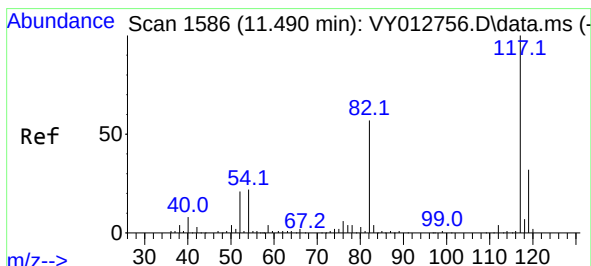
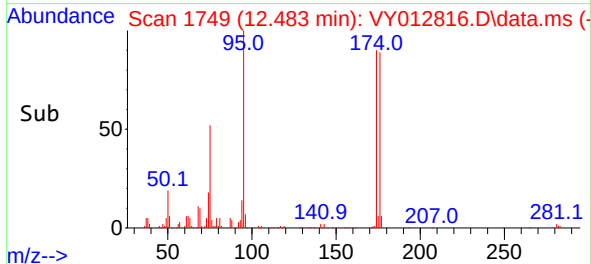
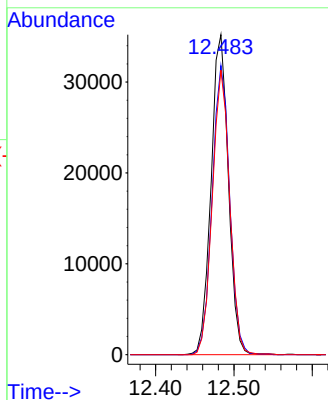
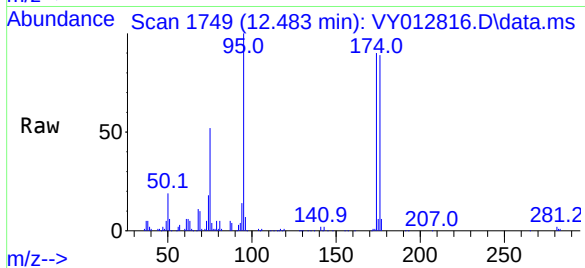




#62
4-Bromofluorobenzene
Concen: 44.506 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

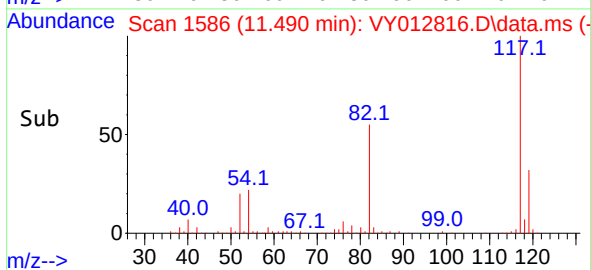
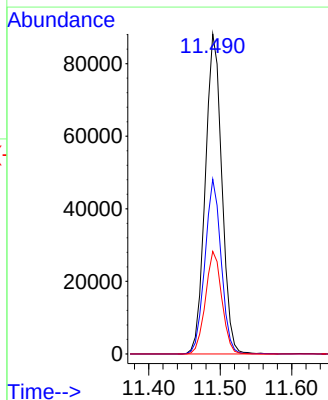
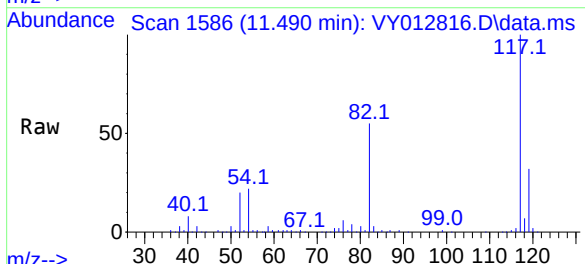
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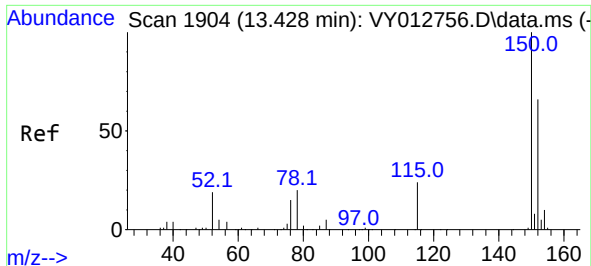
Tgt Ion: 95 Resp: 54218
Ion Ratio Lower Upper
95 100
174 91.4 0.0 176.6
176 88.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Tgt Ion: 117 Resp: 141723
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.1 25.6 38.4

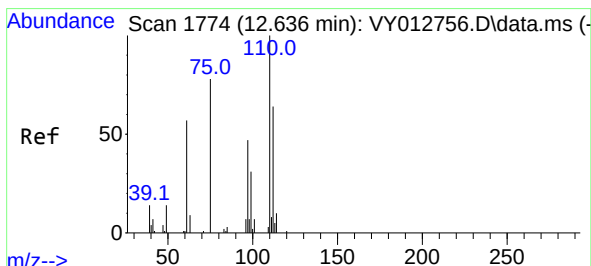
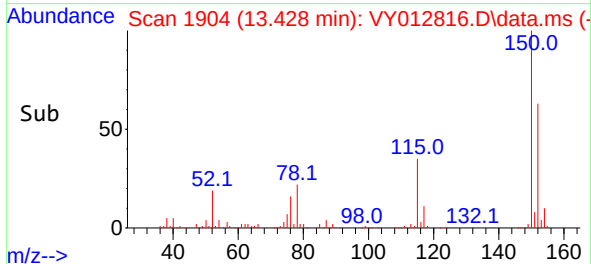
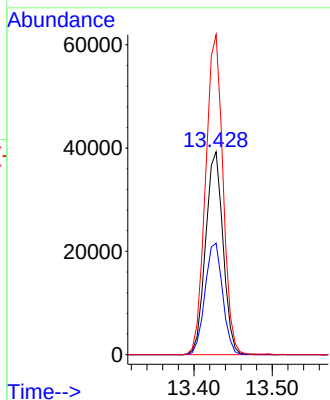
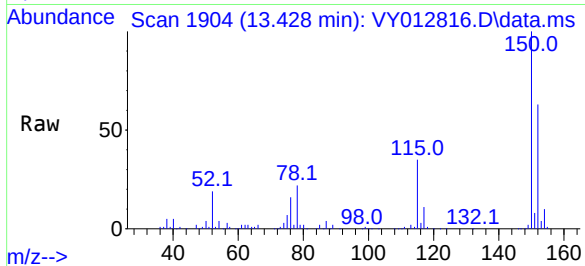




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

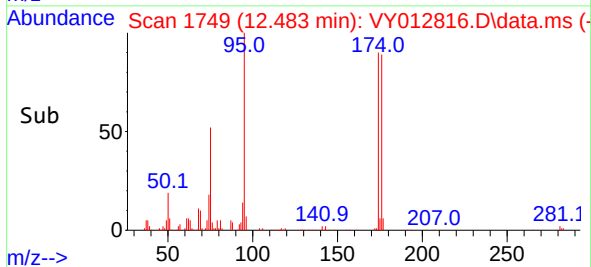
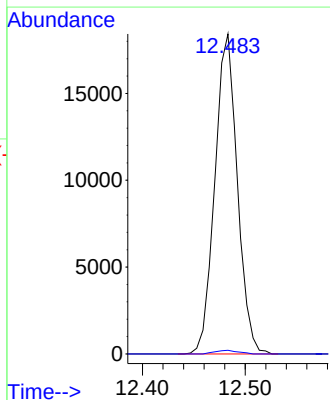
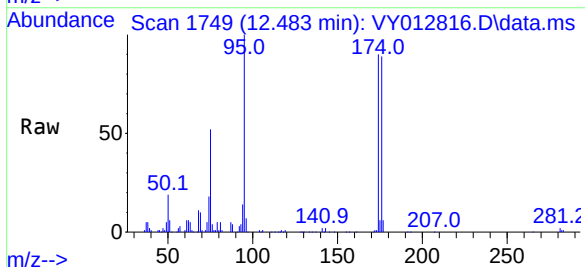
Instrument :
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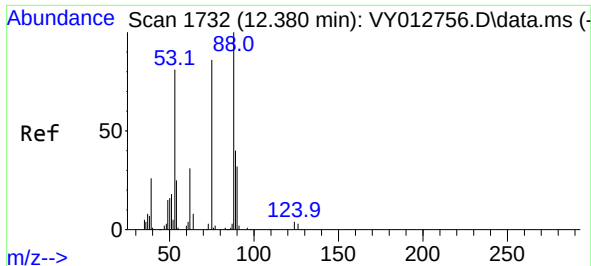
Tgt Ion:152 Resp: 60713
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 157.2 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 38.550 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

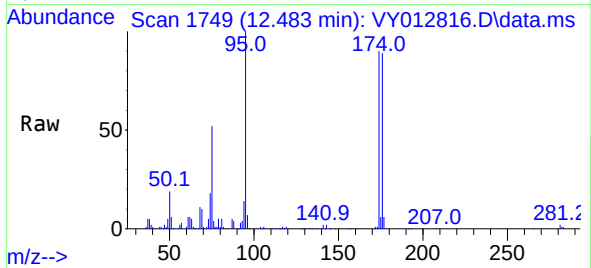
Tgt Ion: 75 Resp: 27949
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.876 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
CF-18



Tgt Ion: 75 Resp: 27949
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

