

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012795.D
 Acq On : 03 Mar 2023 14:56
 Operator : KP/MD
 Sample : 01749-01
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-3

Quant Time: Mar 04 01:23:55 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)

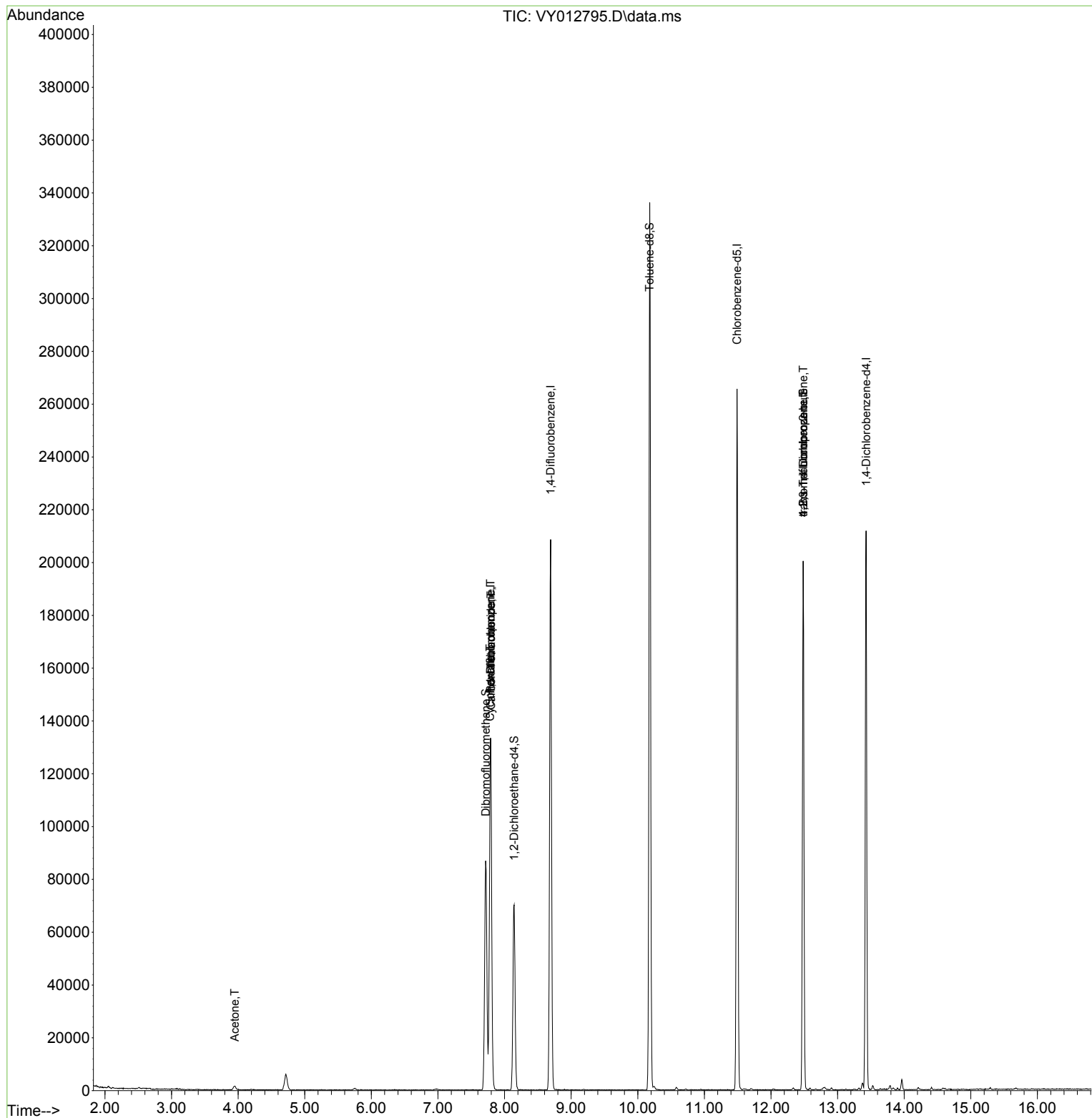
Internal Standards						
1) Pentafluorobenzene	7.789	168	106197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54409	51.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.716	113	60630	58.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.900%	
50) Toluene-d8	10.179	98	216156	57.001	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.000%	
62) 4-Bromofluorobenzene	12.483	95	56685	44.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2667	6.444	ug/l	99
20) Methylene Chloride	4.716	84	4461	Below Cal		95
31) Cyclohexane	7.783	56	2391	1.184	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	7925	4.559	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10172	5.667	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	29750	46.283	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29750	95.900	ug/l #	13

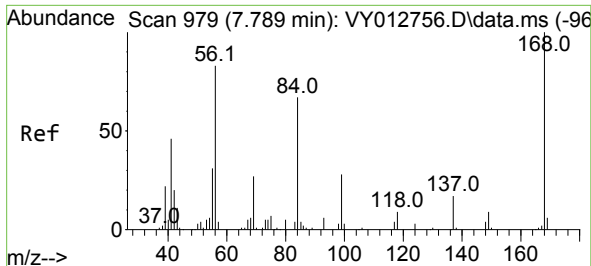
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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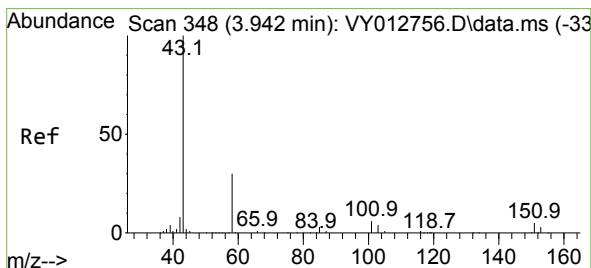
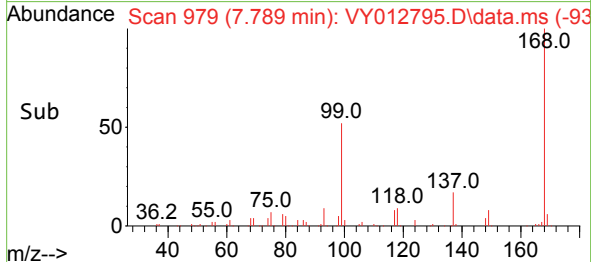
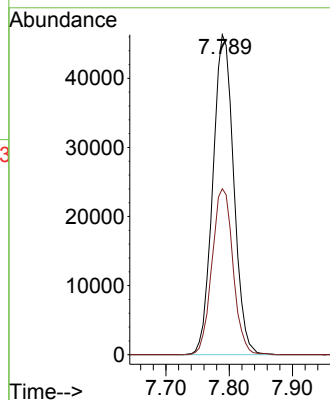
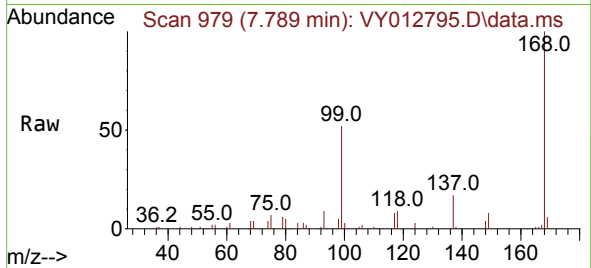




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

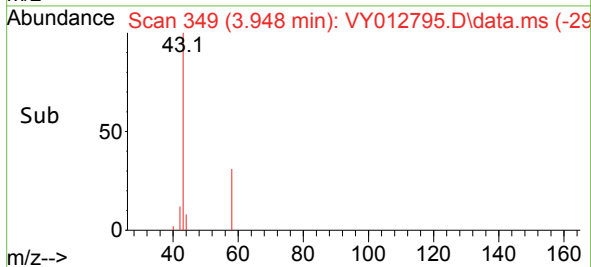
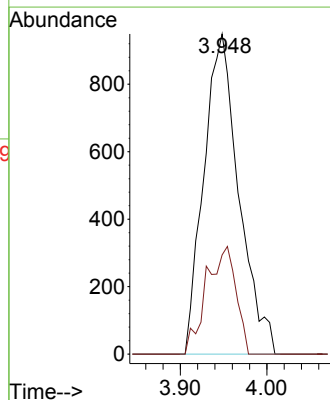
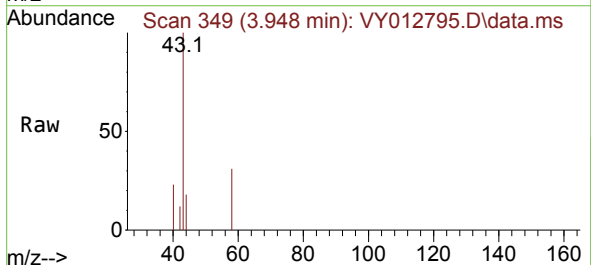
Instrument :
MSVOA_Y
ClientSampleId :
CF-3

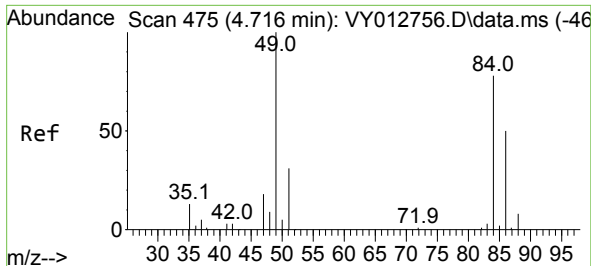
Tgt Ion:168 Resp: 106197
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#16
Acetone
Concen: 6.444 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.2

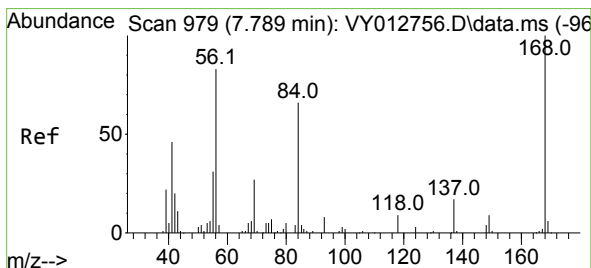
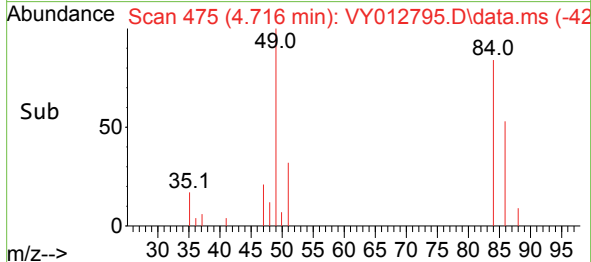
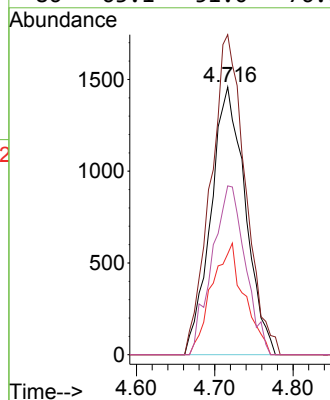
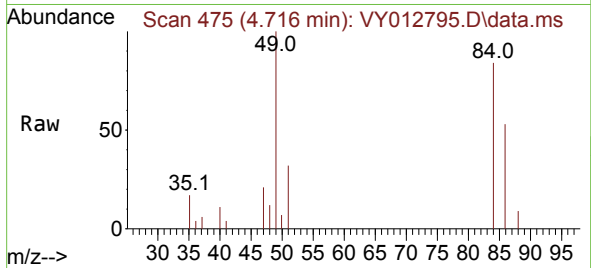




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

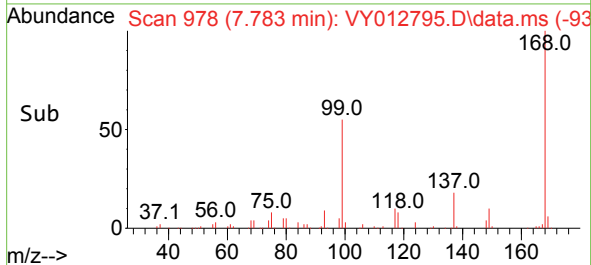
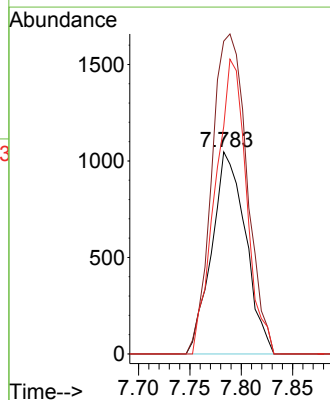
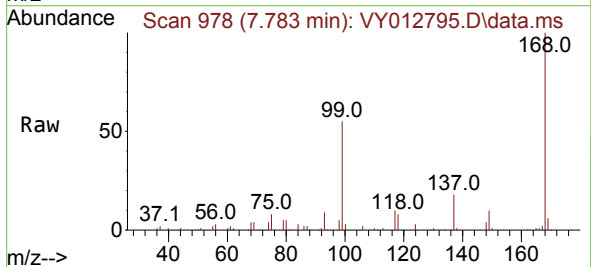
Instrument :
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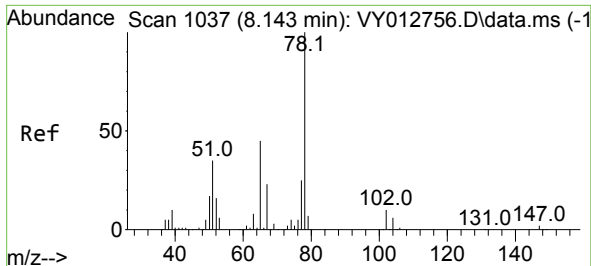
Tgt Ion:	84	Resp:	4461
Ion	Ratio	Lower	Upper
84	100		
49	119.5	102.6	154.0
51	37.7	31.9	47.9
86	63.1	51.0	76.6



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

Tgt Ion:	56	Resp:	2391
Ion	Ratio	Lower	Upper
56	100		
69	154.8	25.7	38.5#
84	112.5	64.3	96.5#

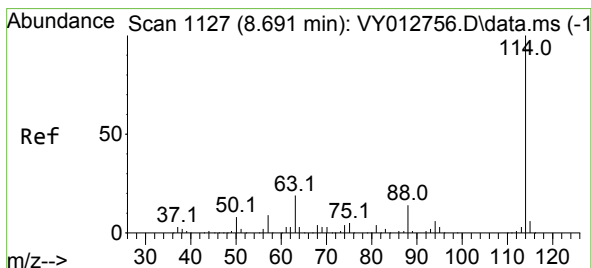
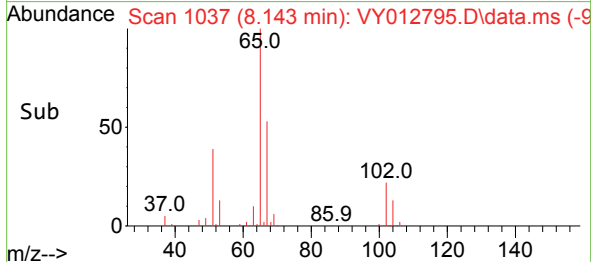
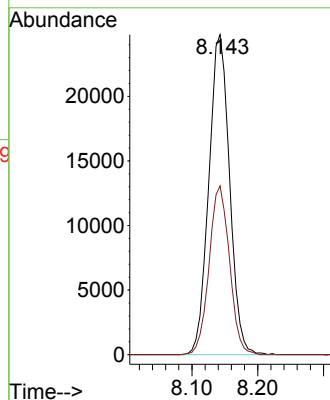
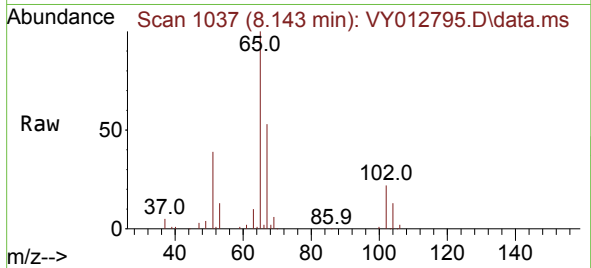




#33
 1,2-Dichloroethane-d4
 Concen: 51.602 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012795.D
 Acq: 03 Mar 2023 14:56

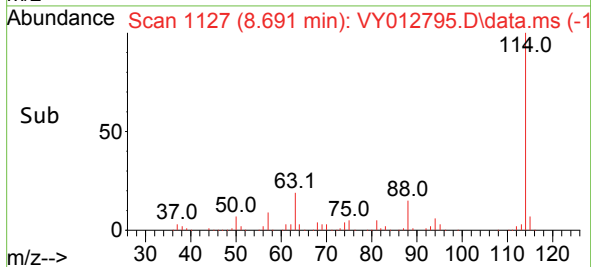
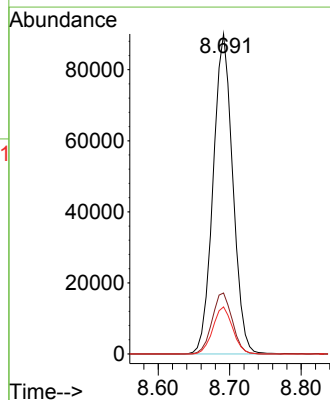
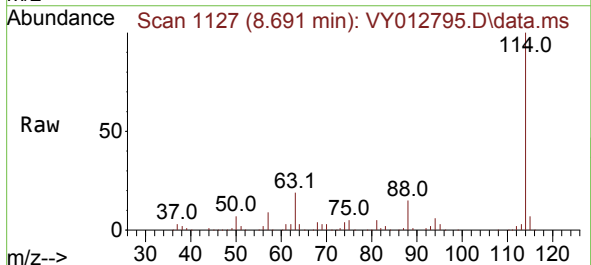
Instrument :
 MSVOA_Y
 ClientSampleId :
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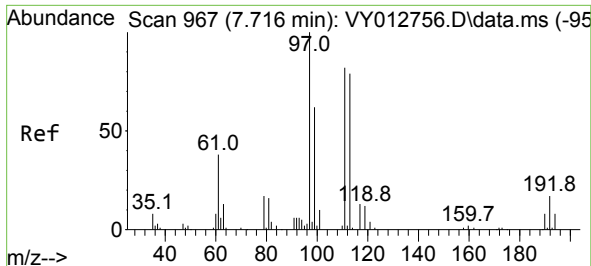
Tgt Ion: 65 Resp: 54409
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012795.D
 Acq: 03 Mar 2023 14:56

Tgt Ion: 114 Resp: 171880
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.4
 88 14.7 0.0 28.6

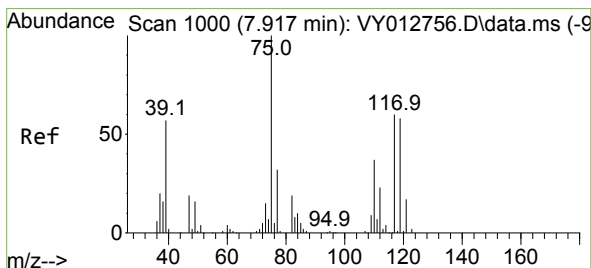
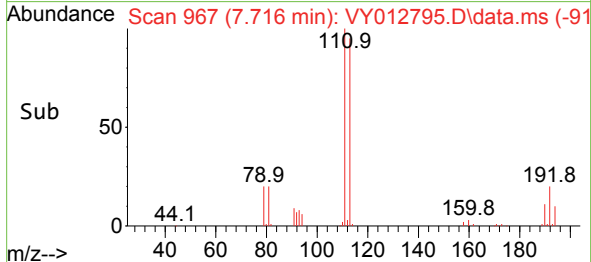
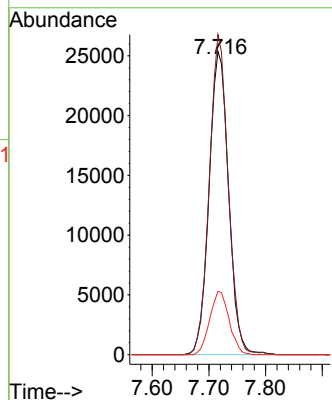
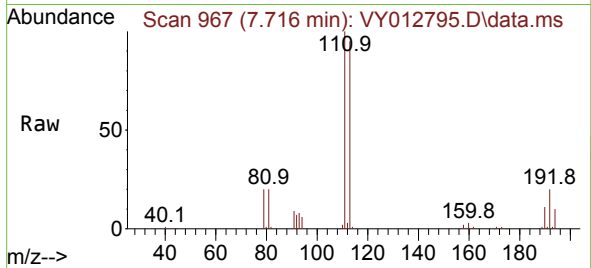




#35
Dibromofluoromethane
Concen: 58.450 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

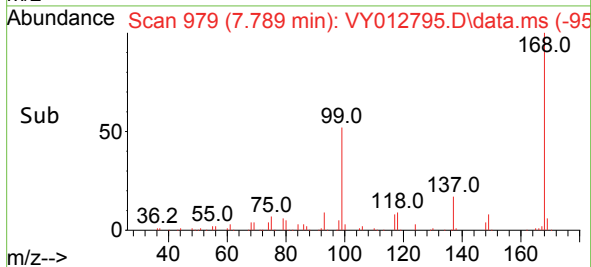
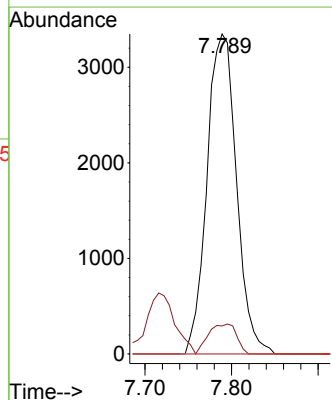
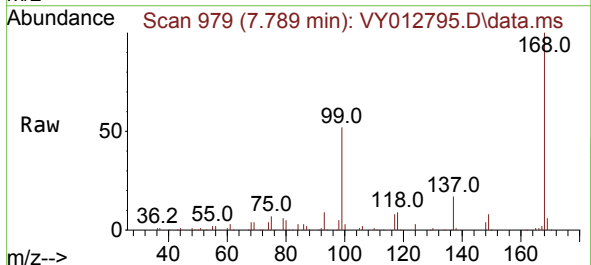
Instrument :
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ClientSampleId :
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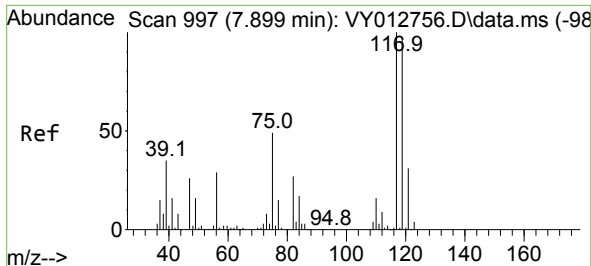
Tgt Ion:113 Resp: 60630
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.559 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

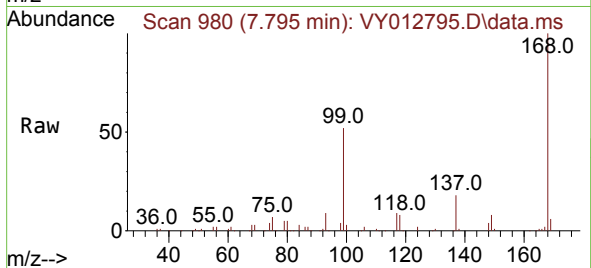
Tgt Ion: 75 Resp: 7925
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



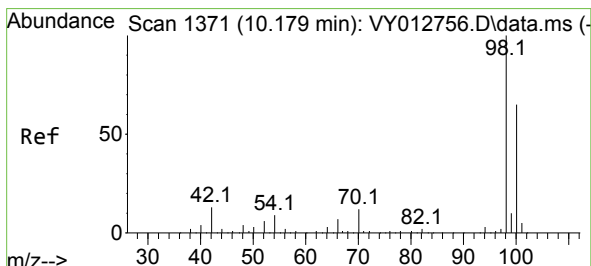
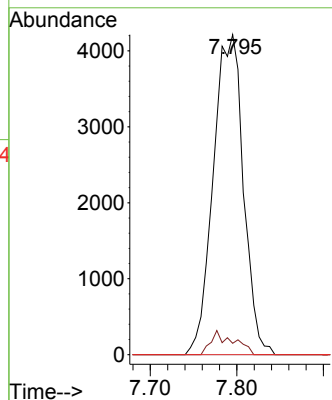
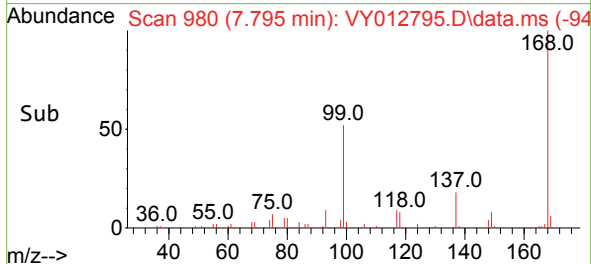


#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :
CF-3

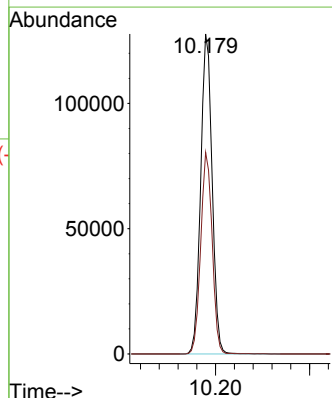
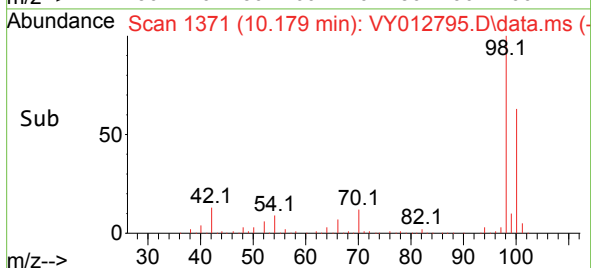
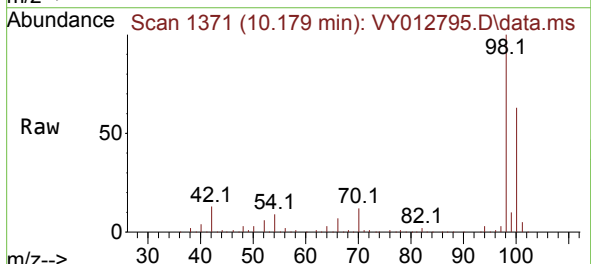


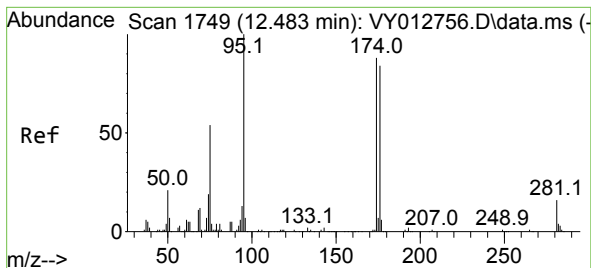
Tgt Ion:117 Resp: 10172
Ion Ratio Lower Upper
117 100
119 3.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 57.001 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

Tgt Ion: 98 Resp: 216156
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

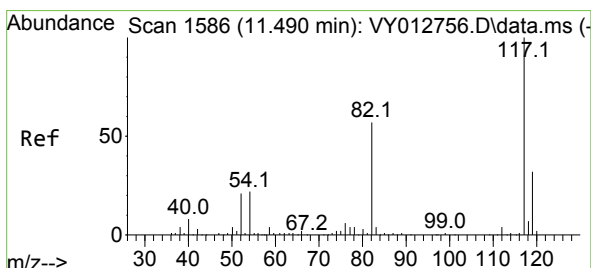
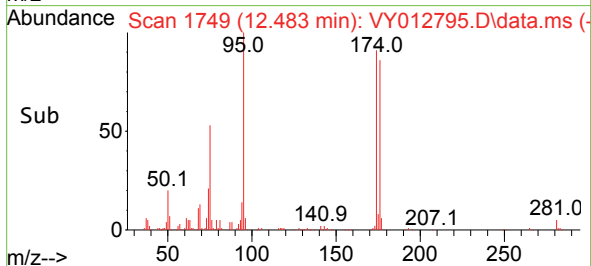
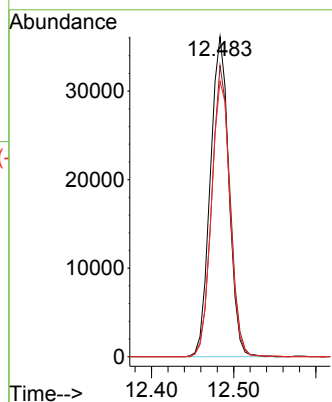
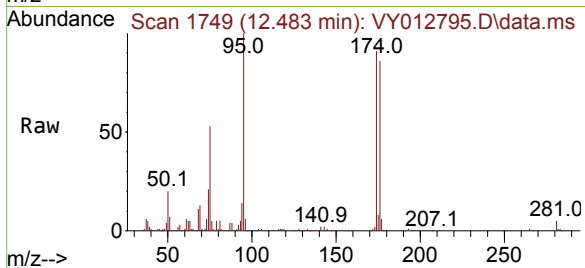




#62
4-Bromofluorobenzene
Concen: 44.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

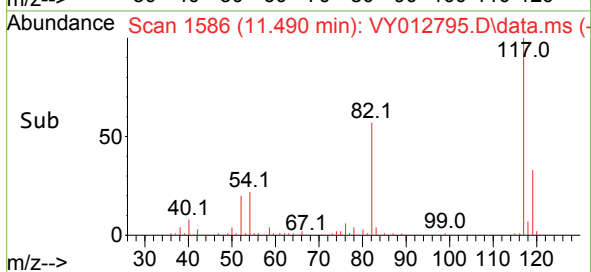
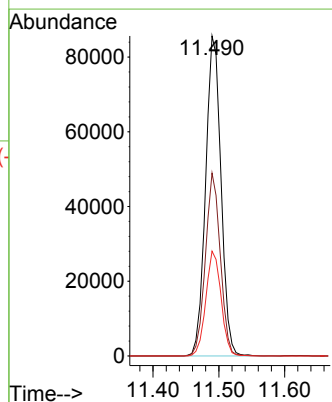
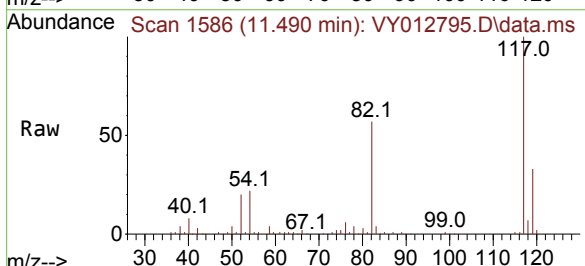
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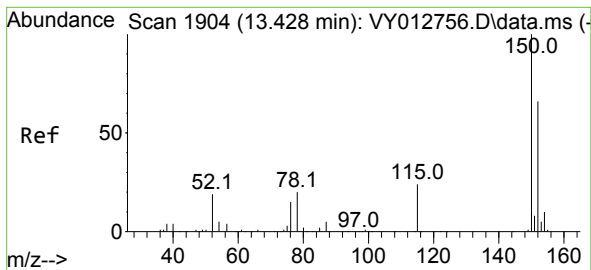
Tgt Ion: 95 Resp: 56685
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.6
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

Tgt Ion: 117 Resp: 139357
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 32.7 25.6 38.4

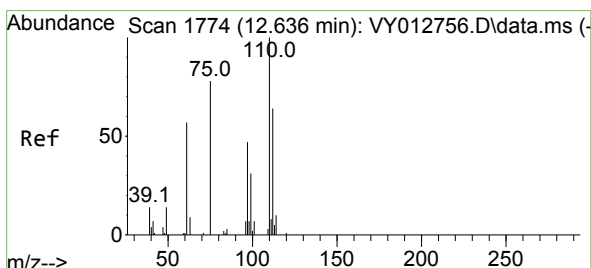
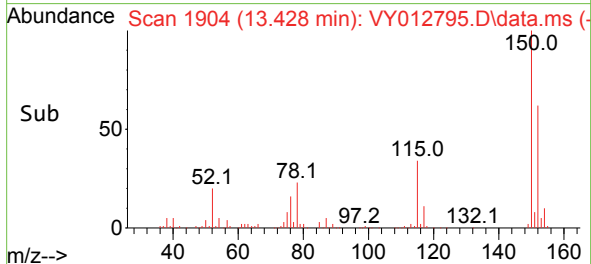
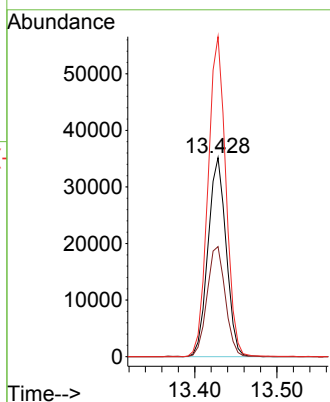
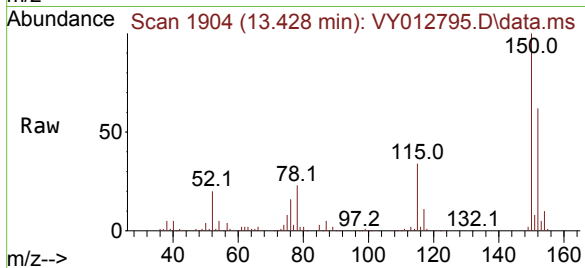




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012795.D
 Acq: 03 Mar 2023 14:56

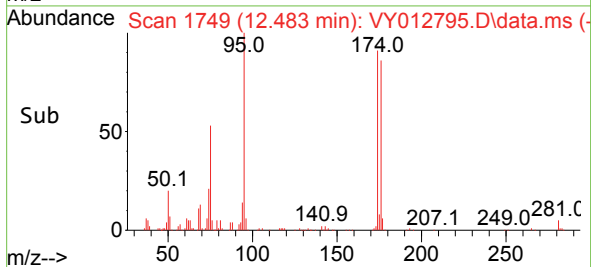
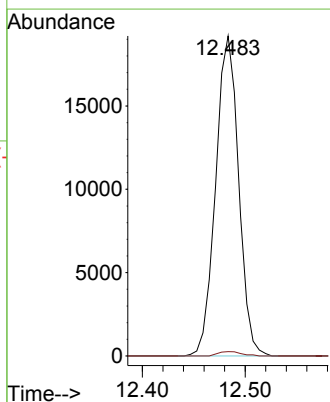
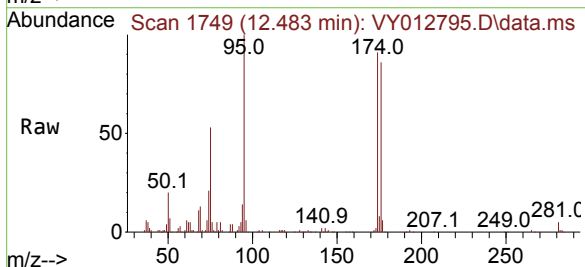
Instrument :
 MSVOA_Y
 ClientSampleId :
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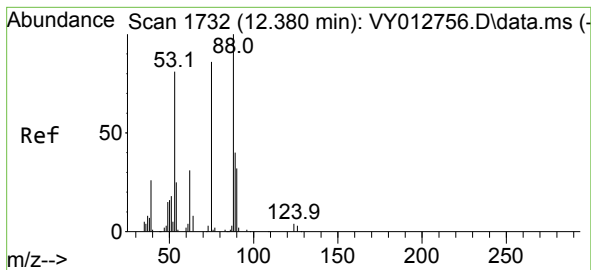
Tgt Ion:152 Resp: 53827
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.1 81.3
 150 158.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 46.283 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012795.D
 Acq: 03 Mar 2023 14:56

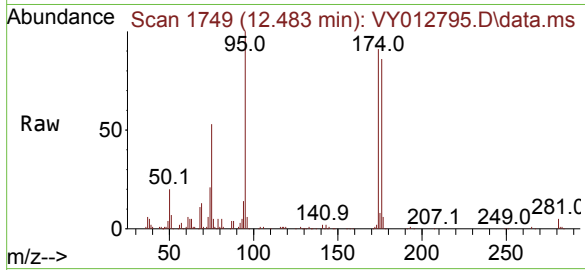
Tgt Ion: 75 Resp: 29750
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.900 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012795.D
 Acq: 03 Mar 2023 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-3



Tgt Ion: 75 Resp: 29750
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.1 36.6 55.0#

