

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012398.D
 Acq On : 30 Jan 2023 15:24
 Operator : KP/MD
 Sample : 01358-04
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DR-2-012723

Quant Time: Jan 31 01:48:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

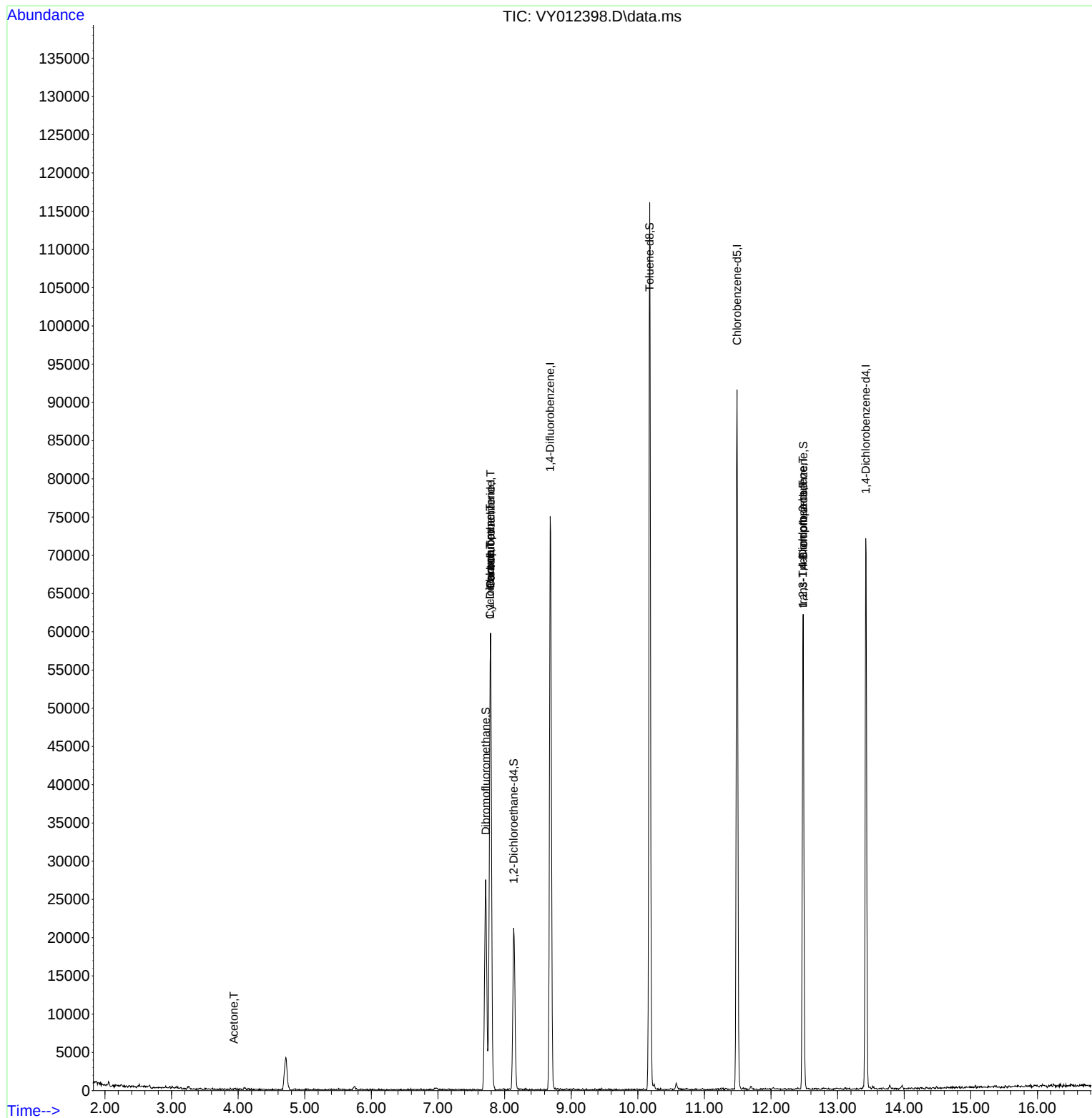
Internal Standards						
1) Pentafluorobenzene	7.789	168	47694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	53627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18561	46.690	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.380%		
35) Dibromofluoromethane	7.716	113	17770	48.596	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.179	98	78497	63.091	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	126.180%		
62) 4-Bromofluorobenzene	12.483	95	18073	35.061	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	70.120%		
Target Compounds						
16) Acetone	3.936	43	148	1.114	ug/l #	40
20) Methylene Chloride	4.716	84	3525	Below Cal	#	75
31) Cyclohexane	7.783	56	809	1.163	ug/l #	36
36) 1,1-Dichloropropene	7.783	75	3039	4.890	ug/l #	52
38) Carbon Tetrachloride	7.789	117	4721	5.882	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	9532	50.633	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9532	104.326	ug/l #	13

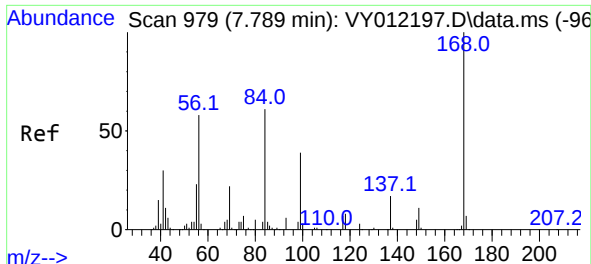
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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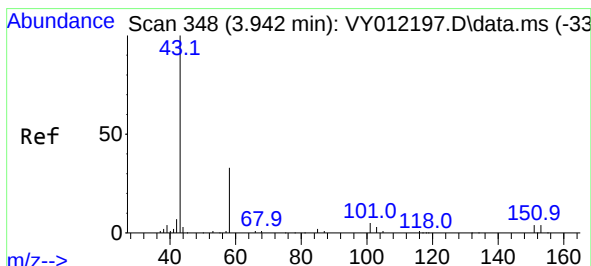
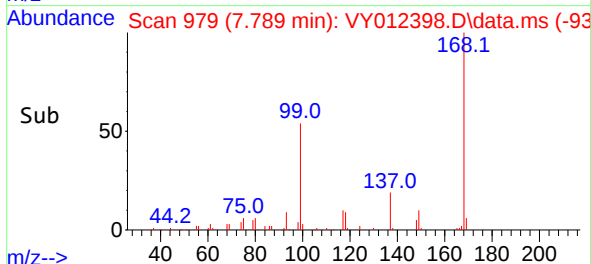
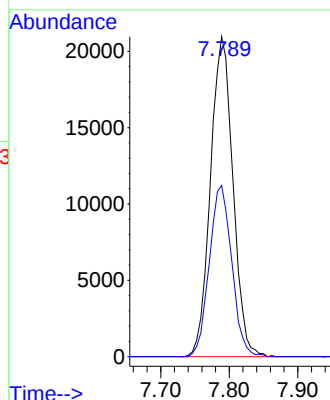
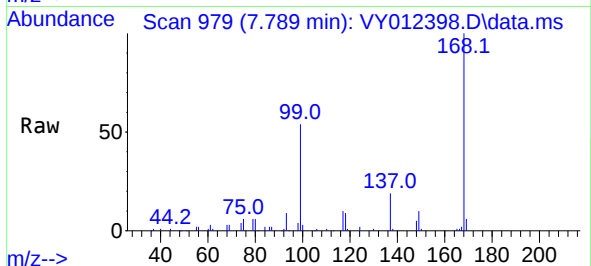




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

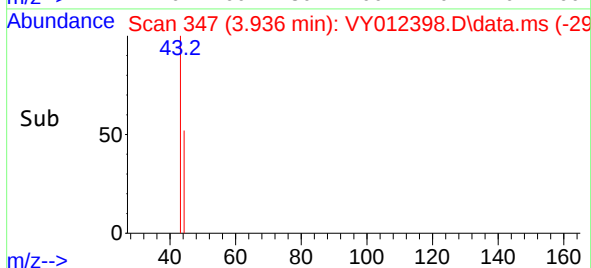
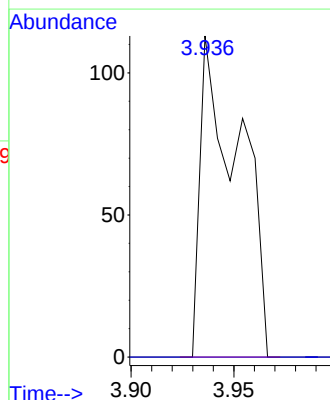
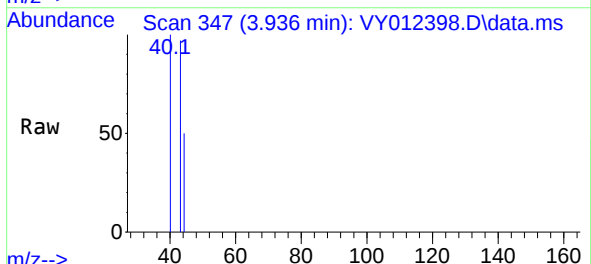
Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

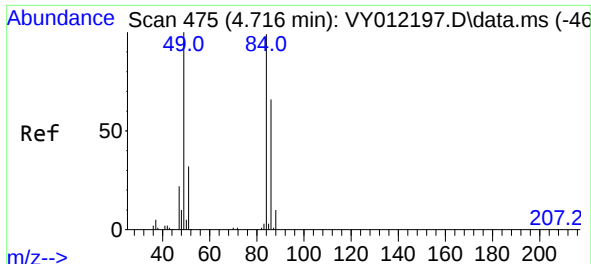
Tgt Ion:168 Resp: 47694
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#16
Acetone
Concen: 1.114 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



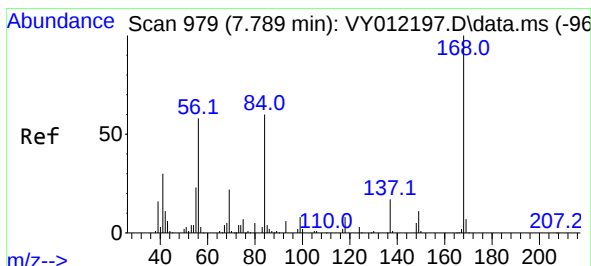
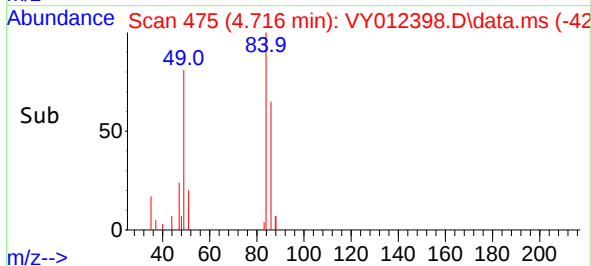
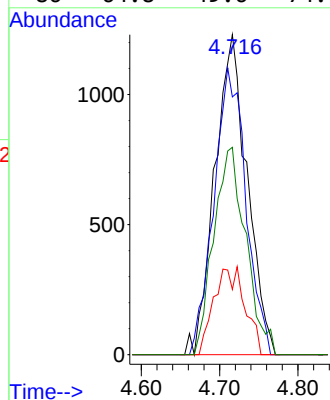
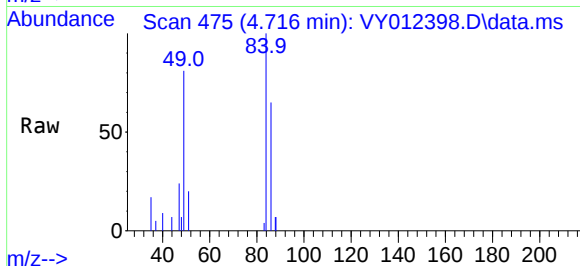


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

Tgt Ion: 84 Resp: 3525

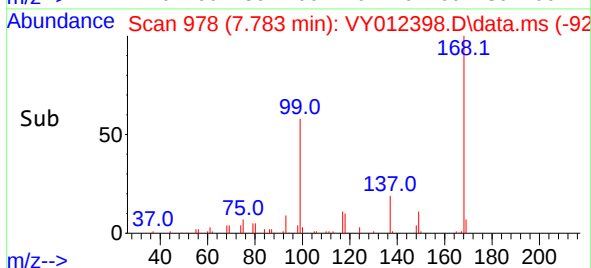
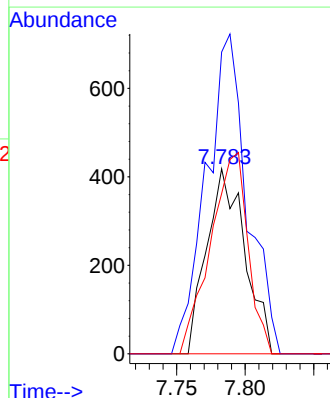
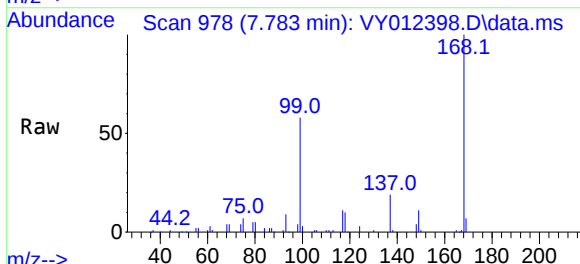
Ion	Ratio	Lower	Upper
84	100		
49	80.6	95.4	143.2#
51	20.4	29.9	44.9#
86	64.8	49.6	74.4

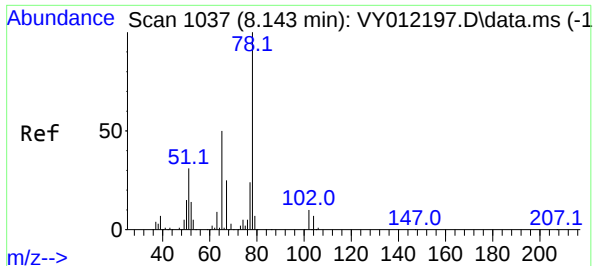


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Tgt Ion: 56 Resp: 809

Ion	Ratio	Lower	Upper
56	100		
69	163.2	29.2	43.8#
84	86.6	72.6	108.8





#33

1,2-Dichloroethane-d4

Concen: 46.690 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012398.D

Acq: 30 Jan 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

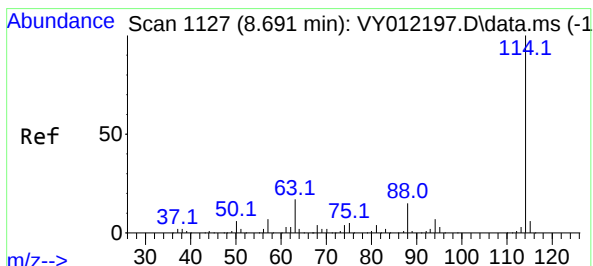
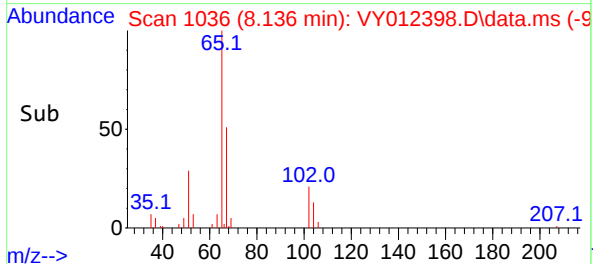
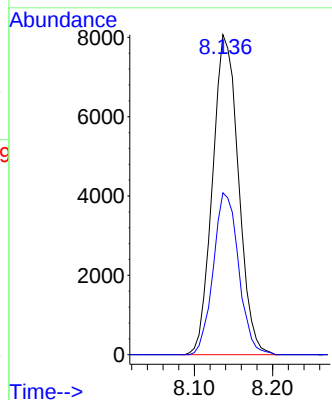
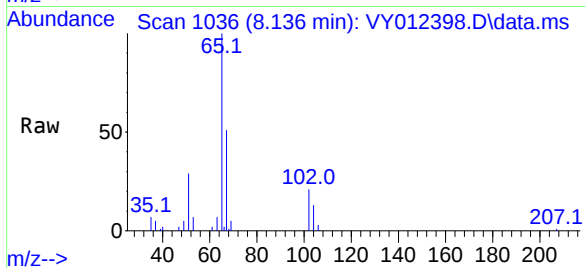
DR-2-012723

Tgt Ion: 65 Resp: 18561

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012398.D

Acq: 30 Jan 2023 15:24

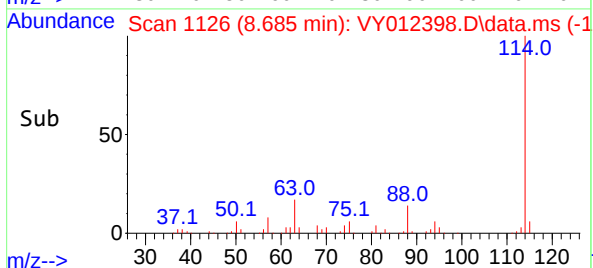
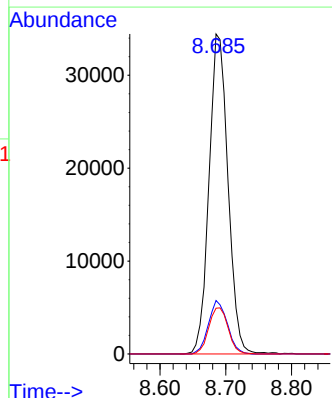
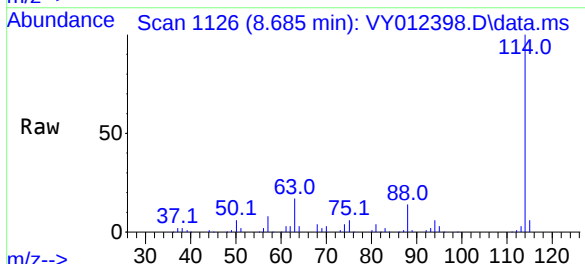
Tgt Ion: 114 Resp: 69059

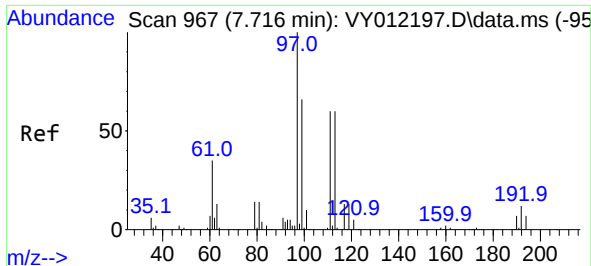
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.3 0.0 32.2

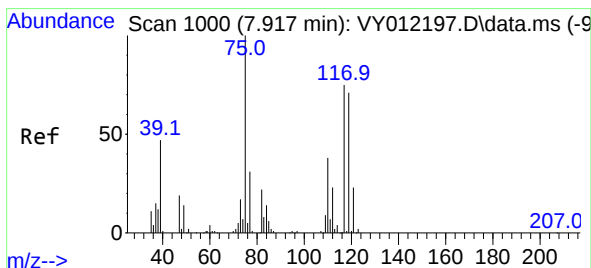
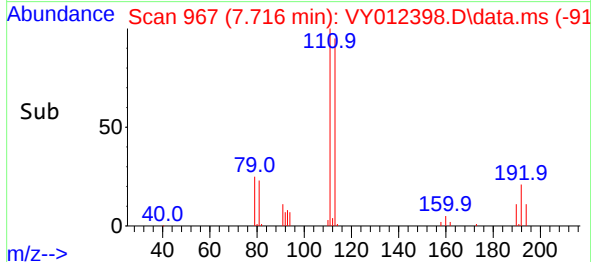
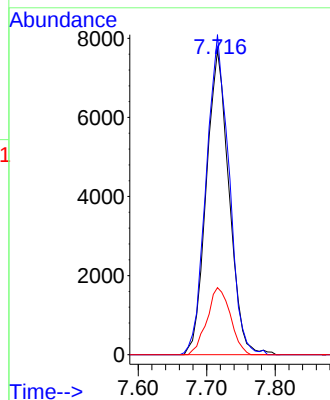
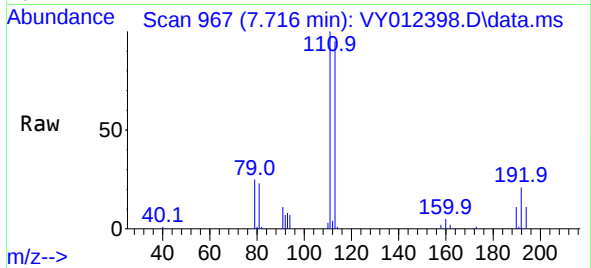




#35
Dibromofluoromethane
Concen: 48.596 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

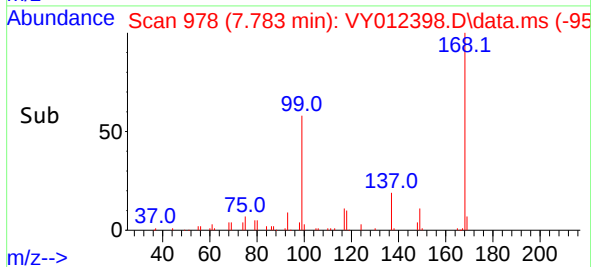
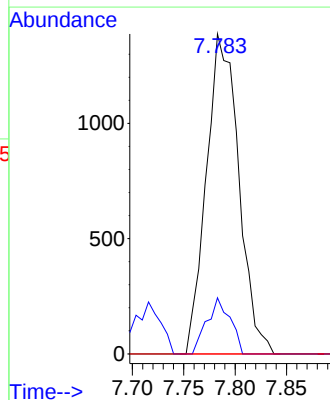
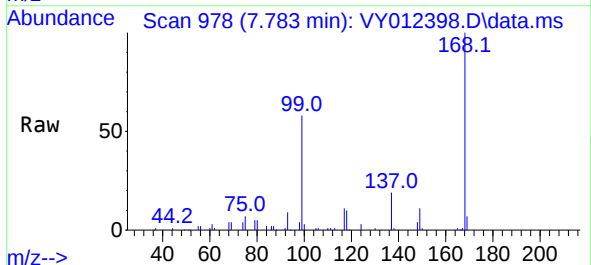
Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

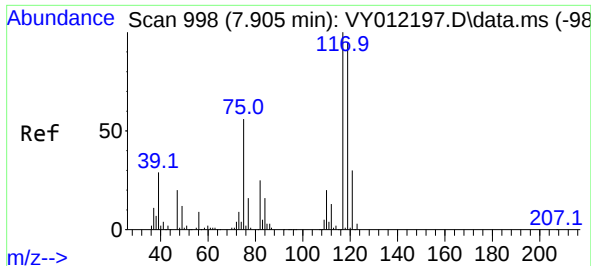
Tgt Ion:113 Resp: 17770
Ion Ratio Lower Upper
113 100
111 105.6 83.0 124.4
192 22.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

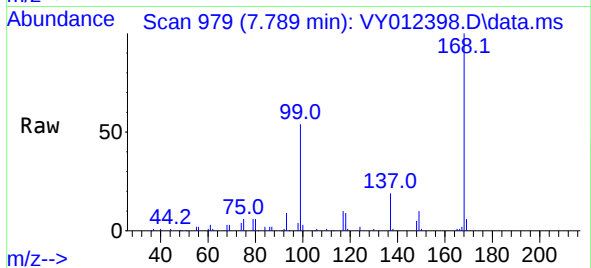
Tgt Ion: 75 Resp: 3039
Ion Ratio Lower Upper
75 100
110 12.6 18.1 54.1#
77 0.0 25.1 37.7#



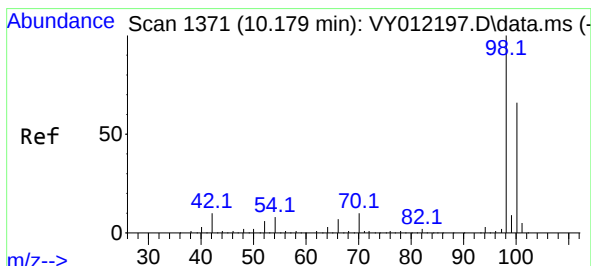
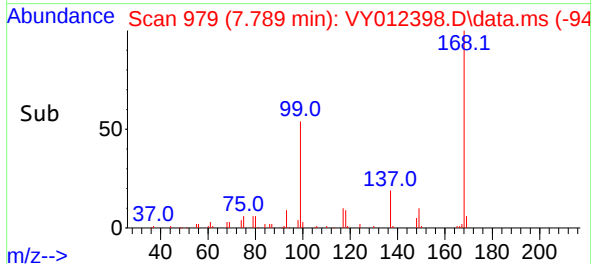
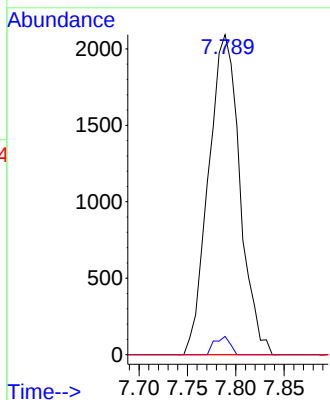


#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

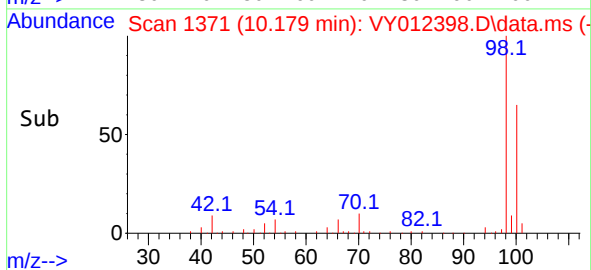
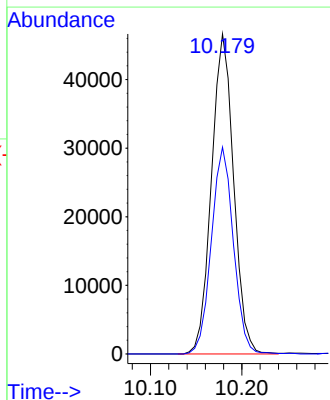
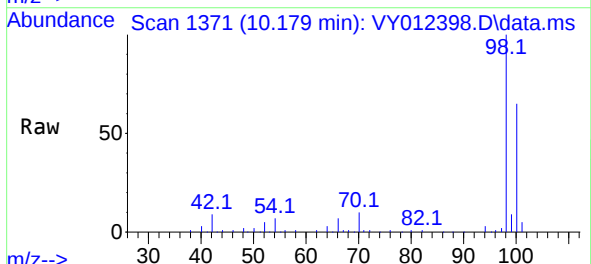


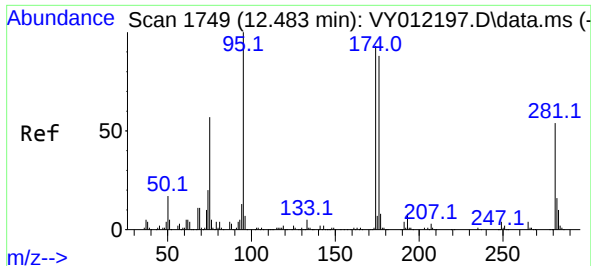
Tgt Ion:117 Resp: 4721
Ion Ratio Lower Upper
117 100
119 5.7 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 63.091 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Tgt Ion: 98 Resp: 78497
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

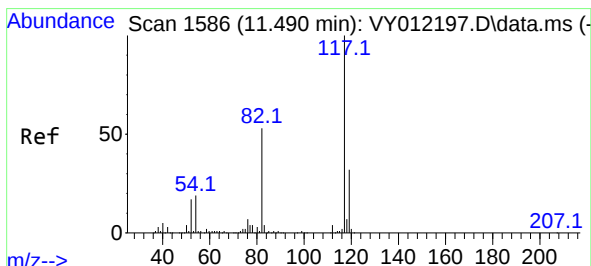
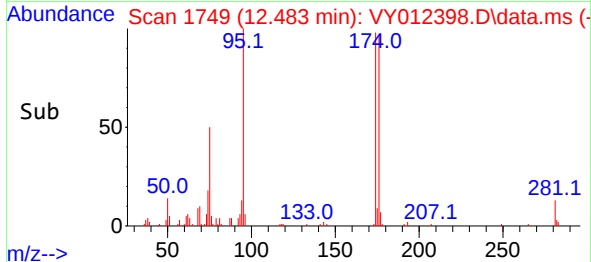
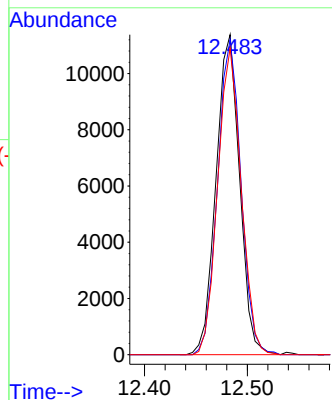
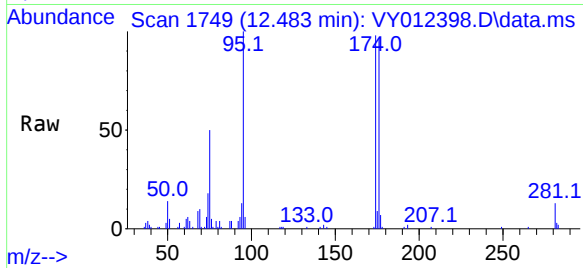




#62
4-Bromofluorobenzene
Concen: 35.061 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

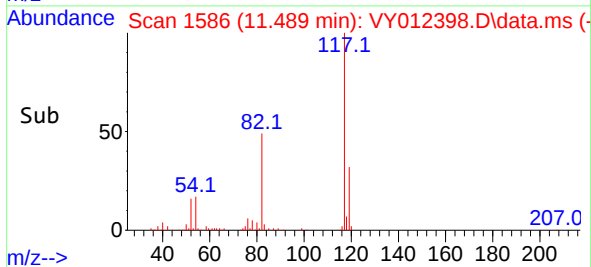
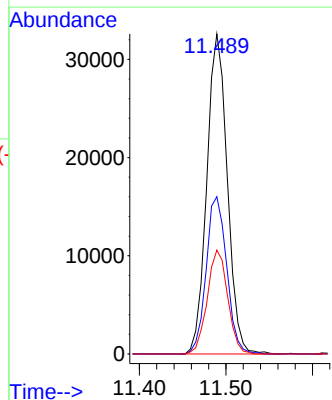
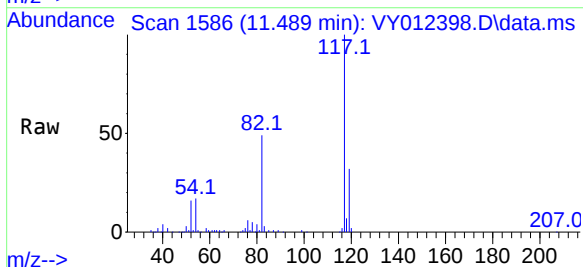
Instrument :
MSVOA_Y
ClientSampleId :
DR-2-012723

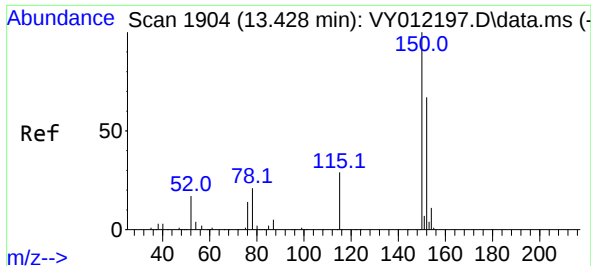
Tgt Ion: 95 Resp: 18073
Ion Ratio Lower Upper
95 100
174 98.0 0.0 172.0
176 95.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

Tgt Ion: 117 Resp: 53627
Ion Ratio Lower Upper
117 100
82 49.1 44.8 67.2
119 32.4 25.4 38.2

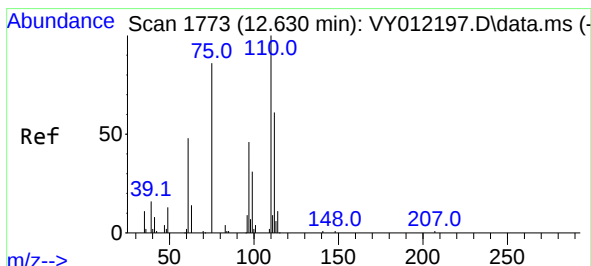
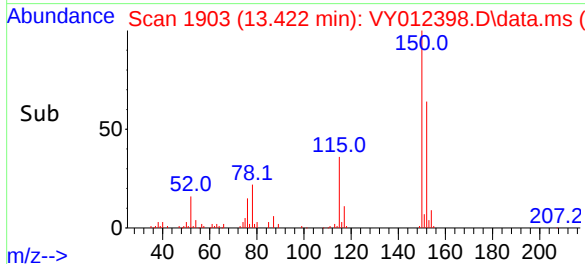
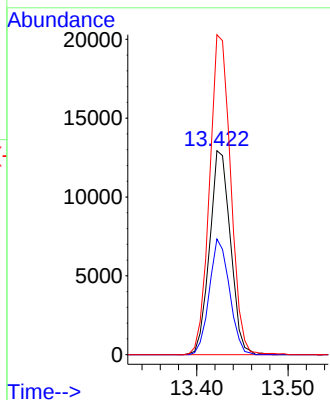
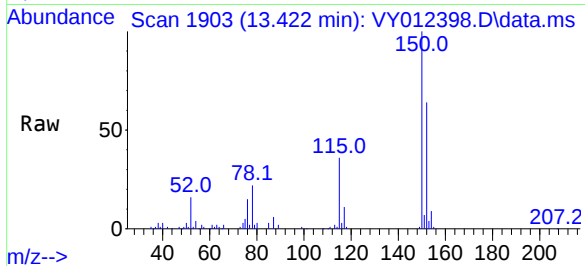




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

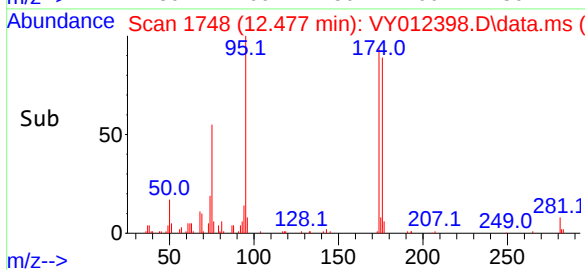
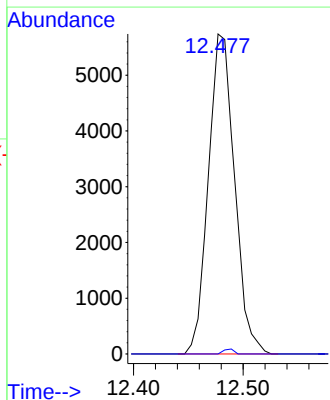
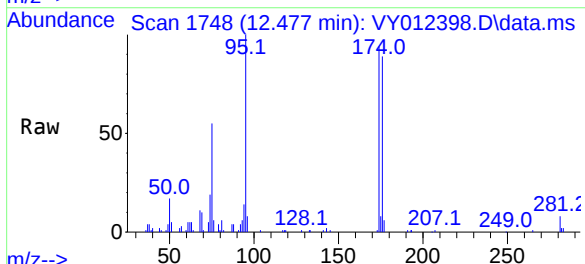
Instrument :
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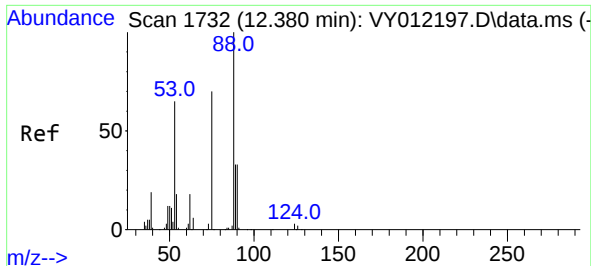
Tgt Ion:152 Resp: 20473
Ion Ratio Lower Upper
152 100
115 54.8 29.1 87.3
150 158.8 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012398.D
Acq: 30 Jan 2023 15:24

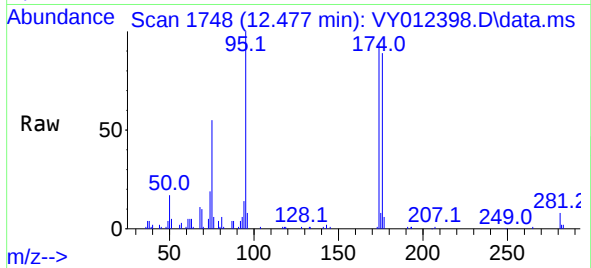
Tgt Ion: 75 Resp: 9532
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.326 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012398.D
 Acq: 30 Jan 2023 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 DR-2-012723



Tgt Ion: 75 Resp: 9532

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.0	37.0	55.4#

