

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016089.D
 Acq On : 26 Oct 2023 19:53
 Operator : SY/MD
 Sample : 05050-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

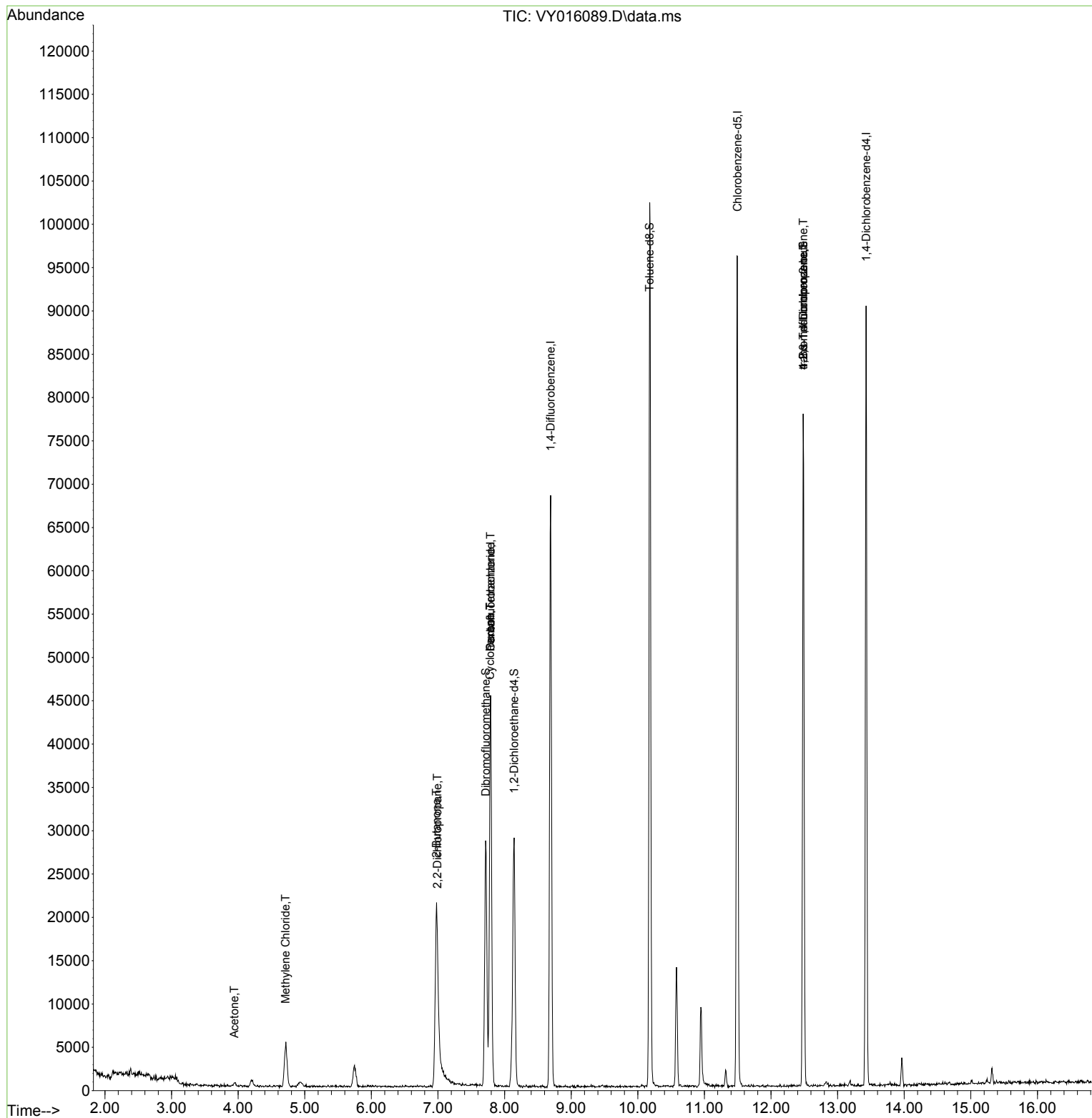
Internal Standards						
1) Pentafluorobenzene	7.789	168	35693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	59679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	55081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21821	61.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.960%	
35) Dibromofluoromethane	7.716	113	20486	54.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.760%	
50) Toluene-d8	10.179	98	69712	49.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.483	95	21818	45.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	695	Below Cal	#	89
16) Acetone	3.942	43	856	8.898	ug/l #	86
20) Methylene Chloride	4.710	84	3629	4.365	ug/l	84
25) 2-Butanone	6.978	43	1138	8.765	ug/l #	49
26) 2,2-Dichloropropane	6.990	77	1960	3.357	ug/l #	54
31) Cyclohexane	7.783	56	618	1.107	ug/l #	8
38) Carbon Tetrachloride	7.789	117	3559	6.409	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	11589	48.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11589	105.438	ug/l #	10

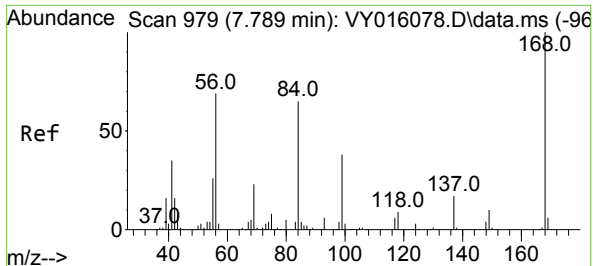
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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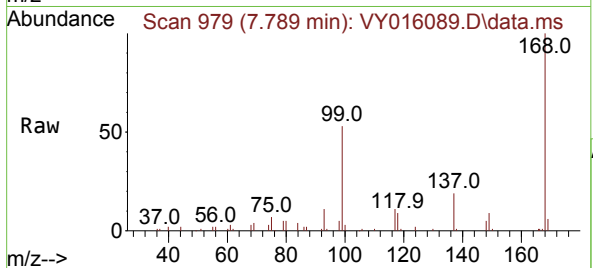
Quant Time: Oct 27 04:21:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
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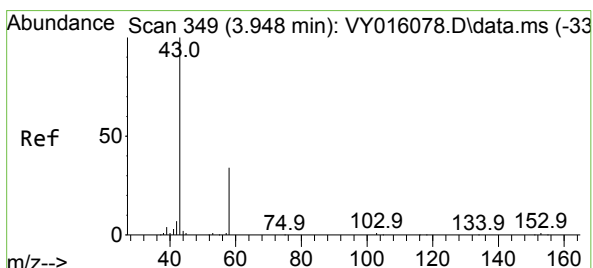
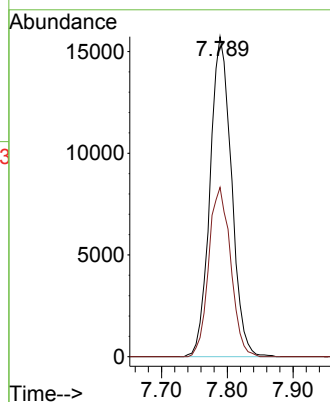
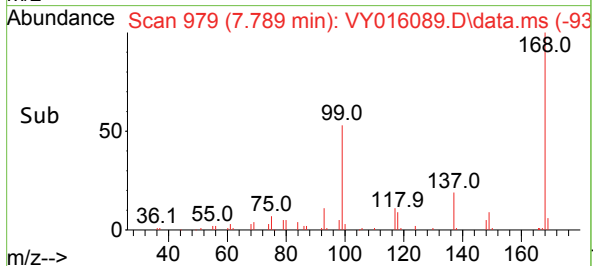


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Instrument :
MSVOA_Y
ClientSampleId :

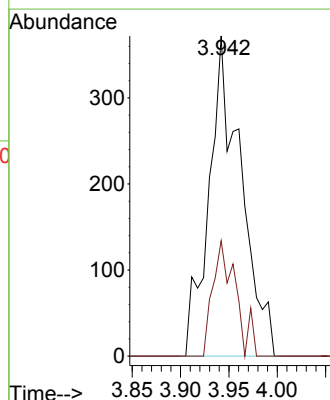
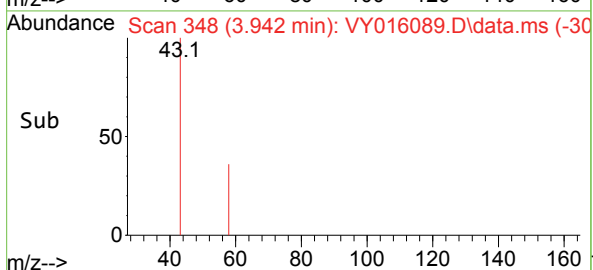
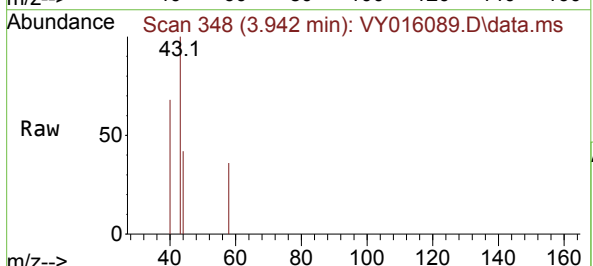


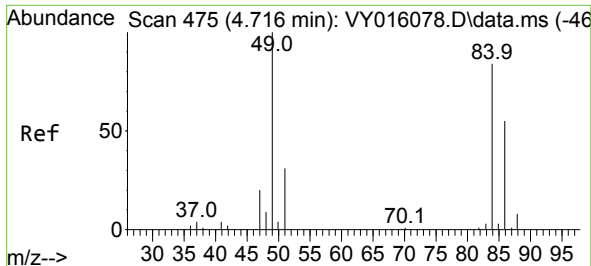
Tgt Ion:168 Resp: 35693
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#16
Acetone
Concen: 8.898 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

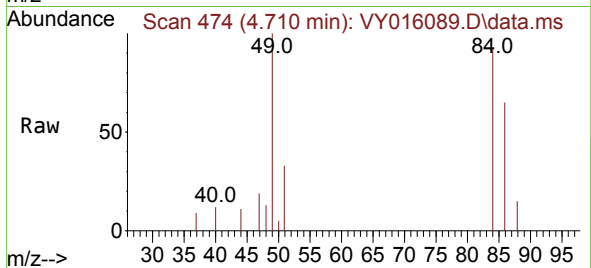
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 36.0 22.7 34.1#





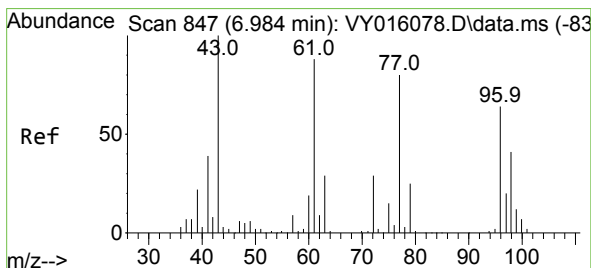
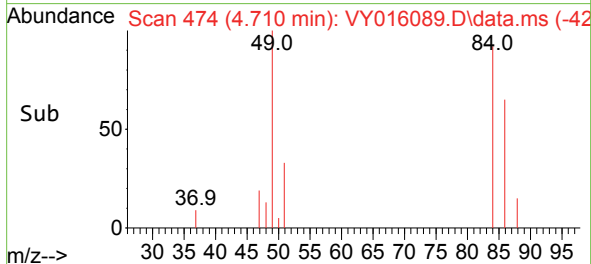
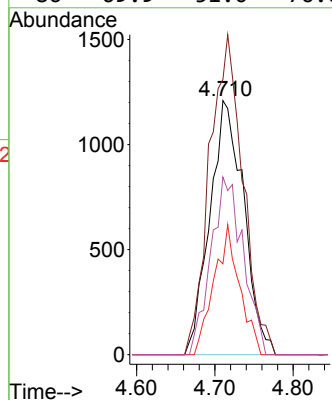
#20
Methylene Chloride
Concen: 4.365 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3629

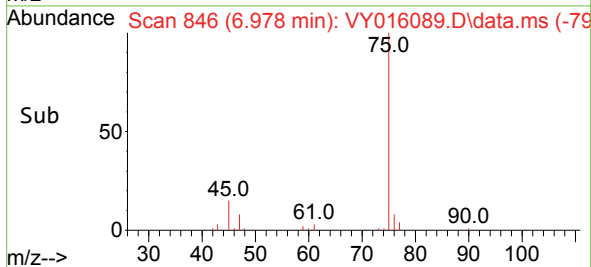
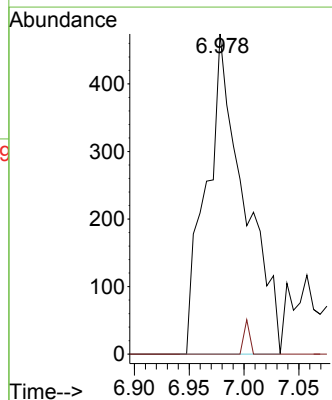
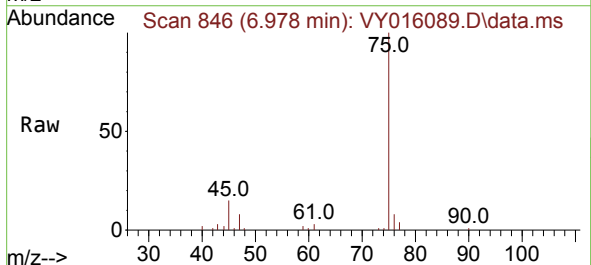
Ion	Ratio	Lower	Upper
84	100		
49	108.4	106.9	160.3
51	35.7	33.2	49.8
86	69.9	51.0	76.6

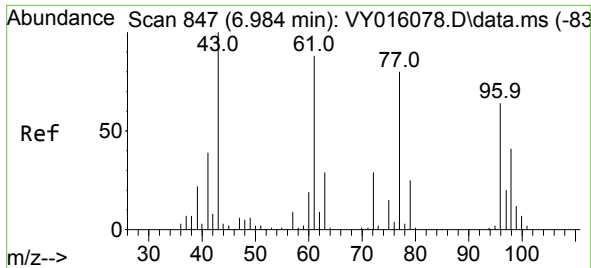


#25
2-Butanone
Concen: 8.765 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Tgt Ion: 43 Resp: 1138

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

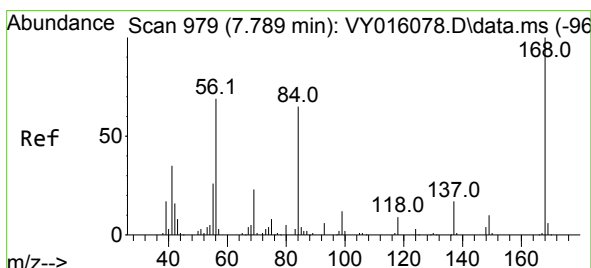
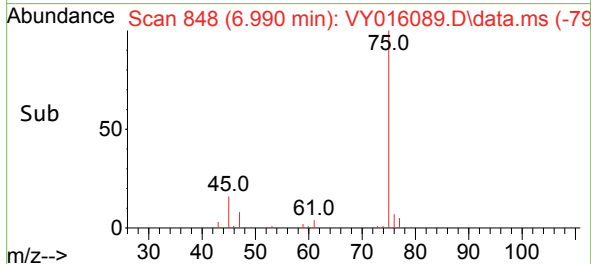
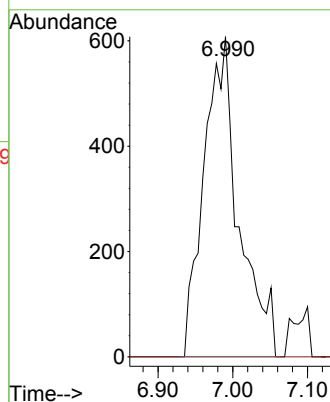
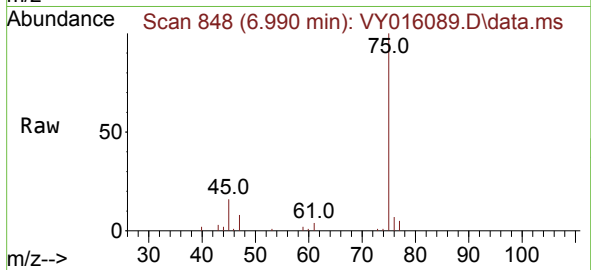




#26
2,2-Dichloropropane
Concen: 3.357 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

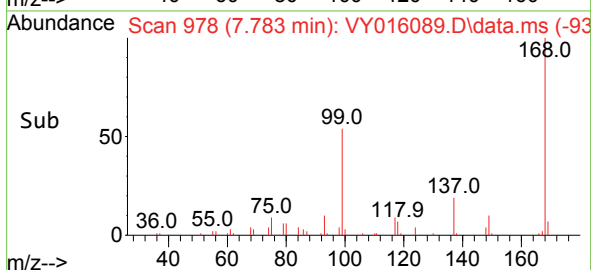
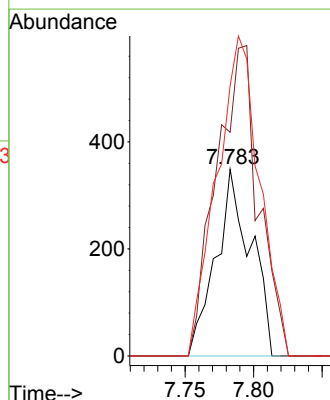
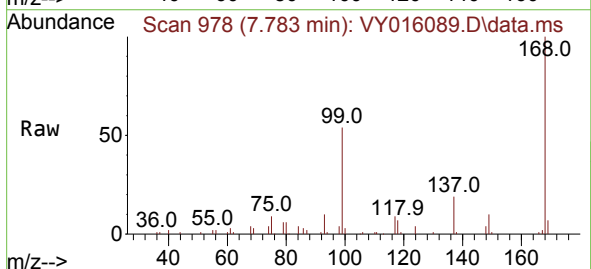
Instrument :
MSVOA_Y
ClientSampleId :

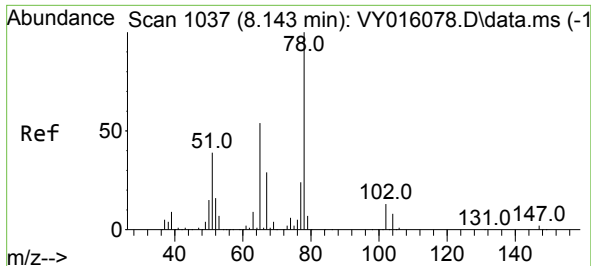
Tgt Ion: 77 Resp: 1960
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Tgt Ion: 56 Resp: 618
Ion Ratio Lower Upper
56 100
69 119.8 27.8 41.6#
84 144.7 66.4 99.6#

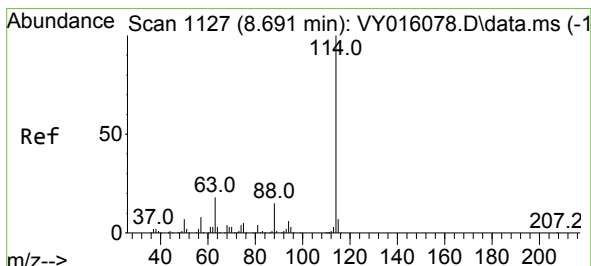
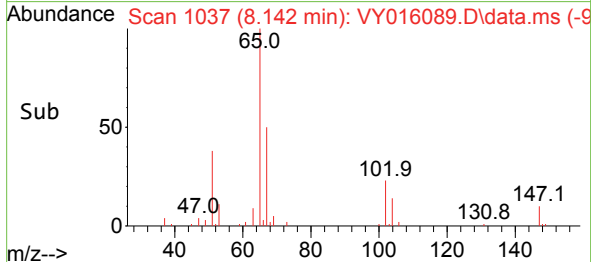
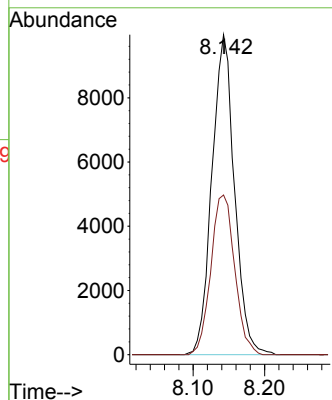
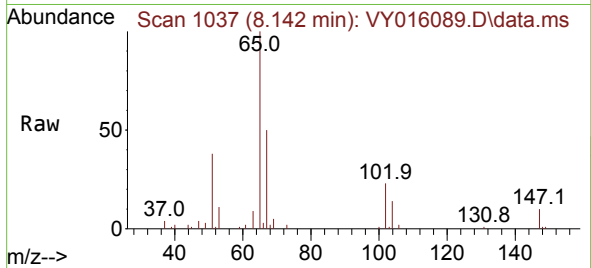




#33
 1,2-Dichloroethane-d4
 Concen: 61.482 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016089.D
 Acq: 26 Oct 2023 19:53

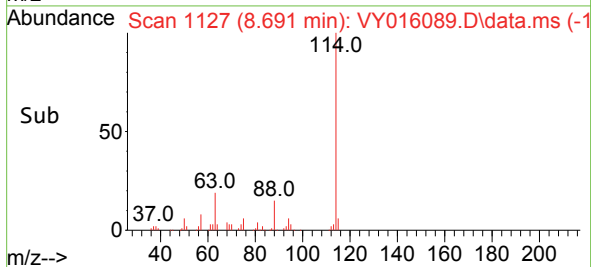
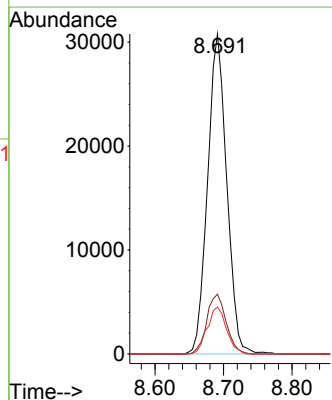
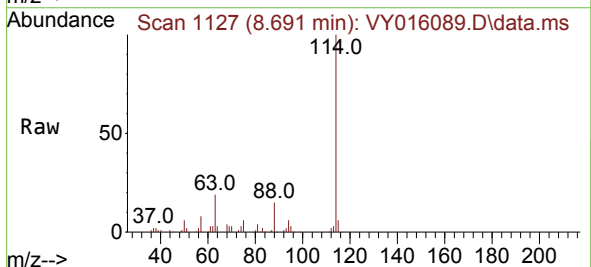
Instrument :
 MSVOA_Y
 ClientSampleId :

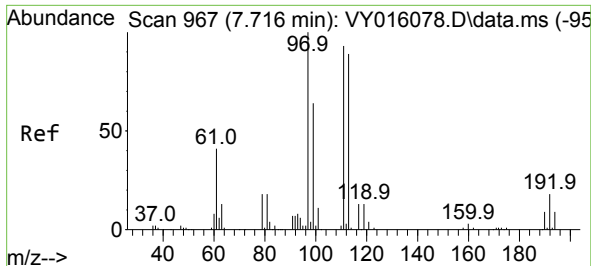
Tgt Ion: 65 Resp: 21821
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016089.D
 Acq: 26 Oct 2023 19:53

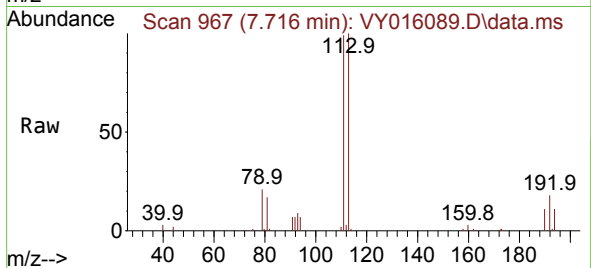
Tgt Ion: 114 Resp: 59679
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 14.7 0.0 30.6



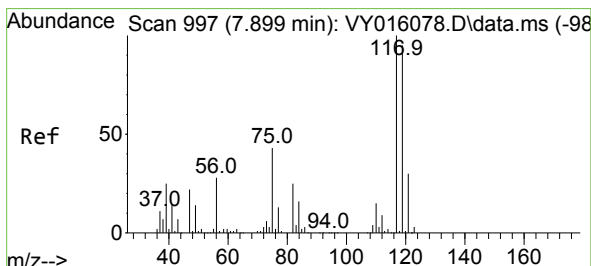
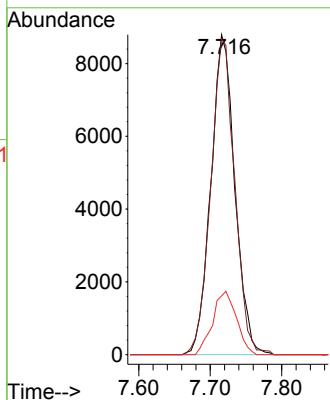
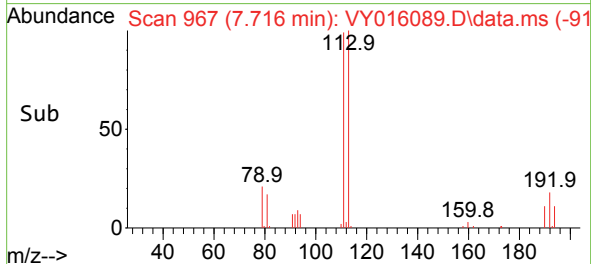


#35
Dibromofluoromethane
Concen: 54.375 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Instrument :
MSVOA_Y
ClientSampleId :

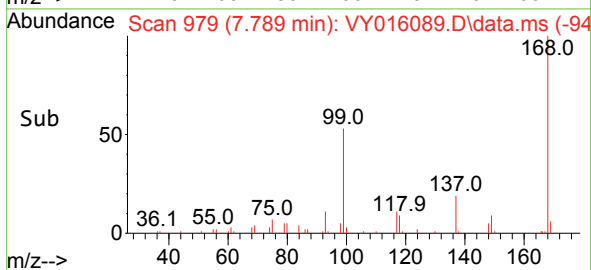
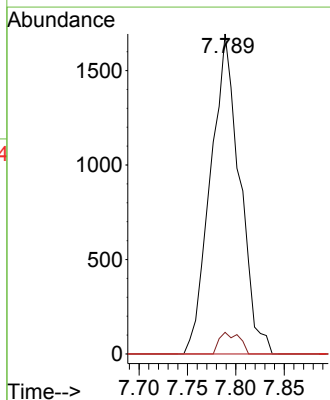
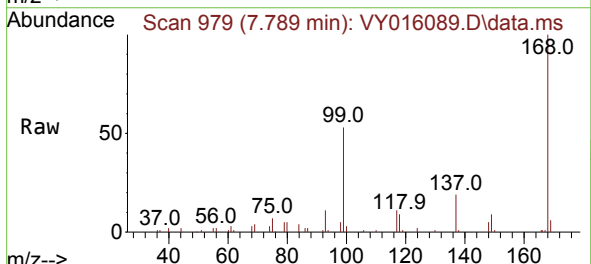


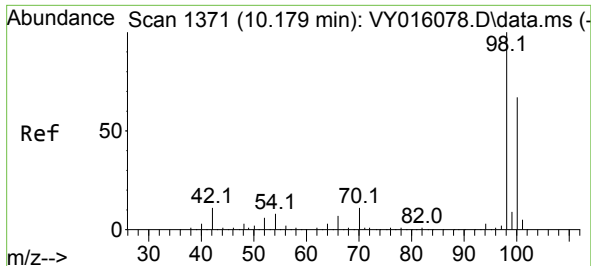
Tgt Ion:113 Resp: 20486
Ion Ratio Lower Upper
113 100
111 98.5 81.3 121.9
192 19.6 16.9 25.3



#38
Carbon Tetrachloride
Concen: 6.409 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Tgt Ion:117 Resp: 3559
Ion Ratio Lower Upper
117 100
119 6.7 76.4 114.6#
121 0.0 25.8 38.6#

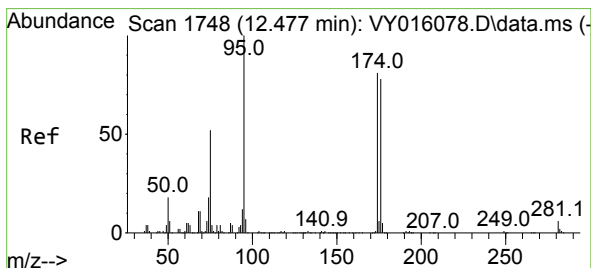
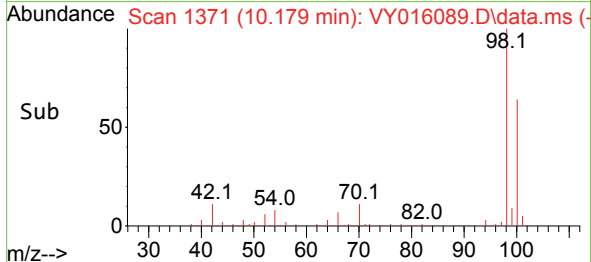
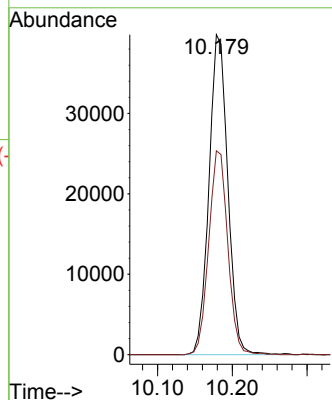
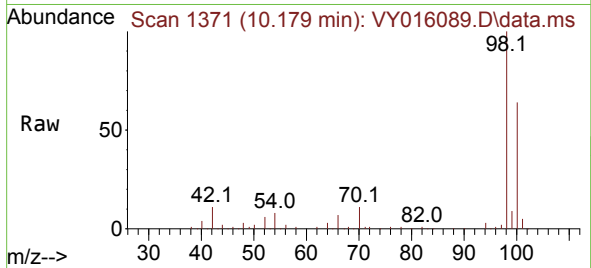




#50
Toluene-d8
Concen: 49.953 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

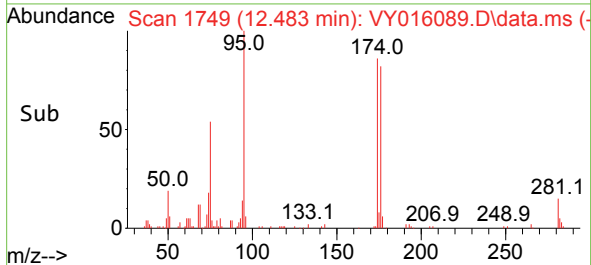
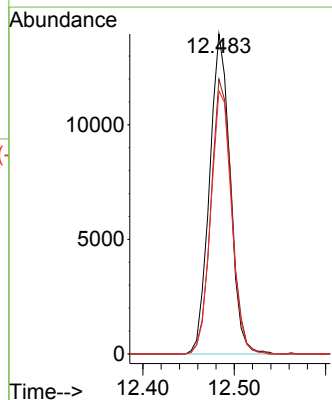
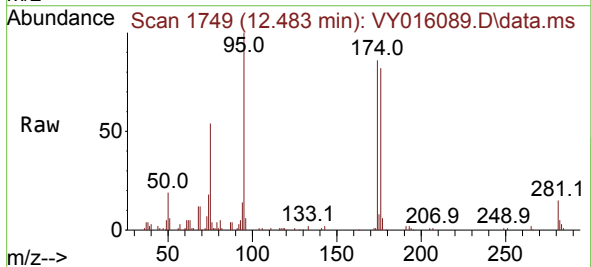
Instrument :
MSVOA_Y
ClientSampleId :

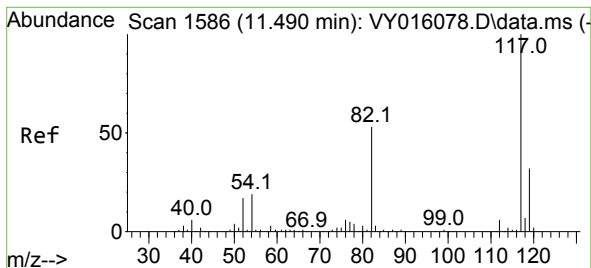
Tgt Ion: 98 Resp: 69712
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.577 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Tgt Ion: 95 Resp: 21818
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016089.D

Acq: 26 Oct 2023 19:53

Instrument :

MSVOA_Y

ClientSampleId :

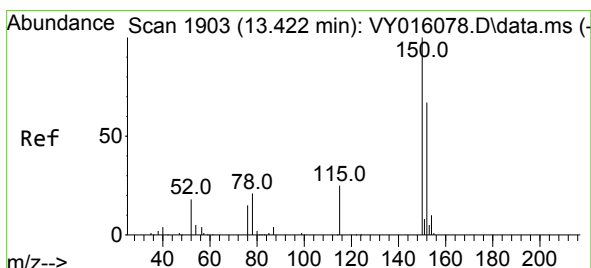
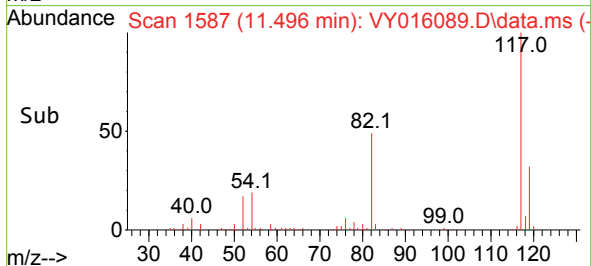
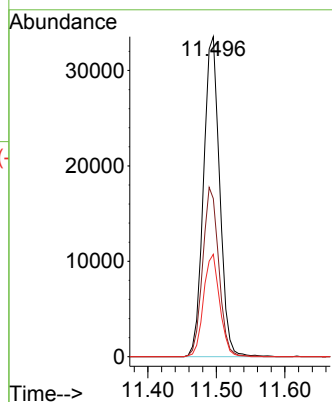
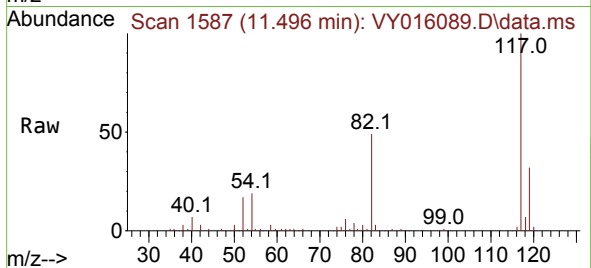
Tgt Ion:117 Resp: 55081

Ion Ratio Lower Upper

117 100

82 49.4 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016089.D

Acq: 26 Oct 2023 19:53

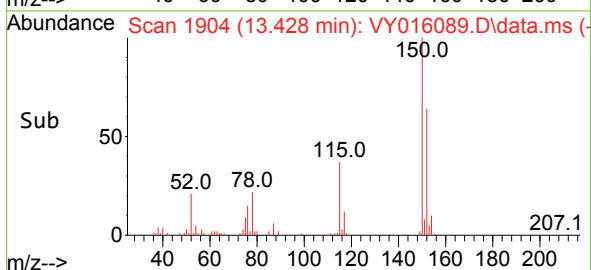
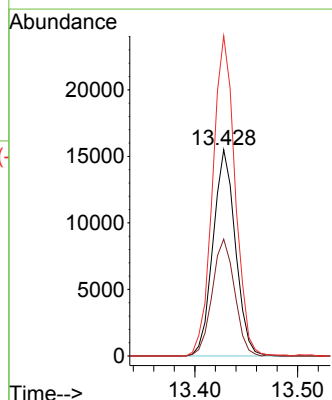
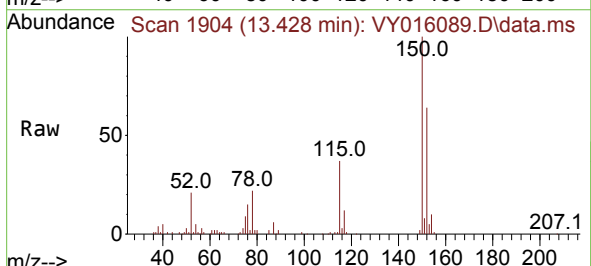
Tgt Ion:152 Resp: 23395

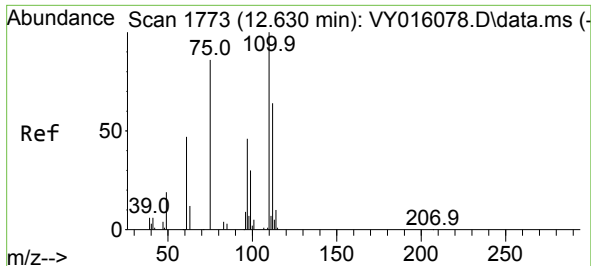
Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 156.0 0.0 348.8

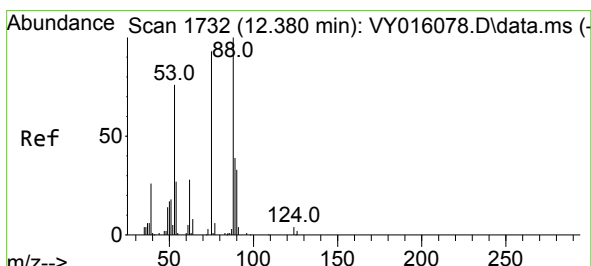
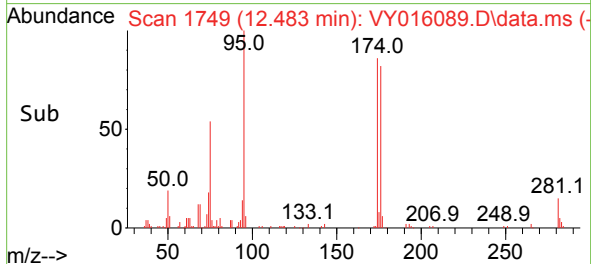
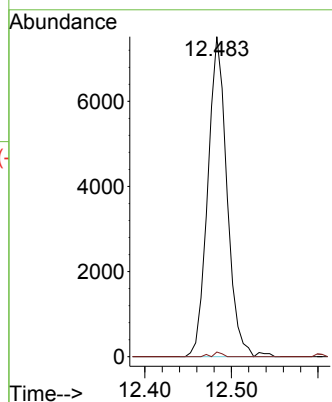
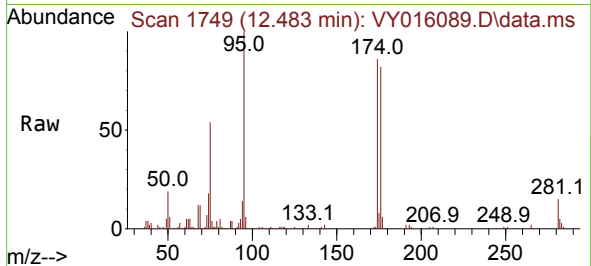




#76
1,2,3-Trichloropropane
Concen: 48.519 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11589
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.438 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Tgt Ion: 75 Resp: 11589
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

