

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016040.D
 Acq On : 19 Oct 2023 16:22
 Operator : SY/MD
 Sample : 04938-06
 Misc : 3.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

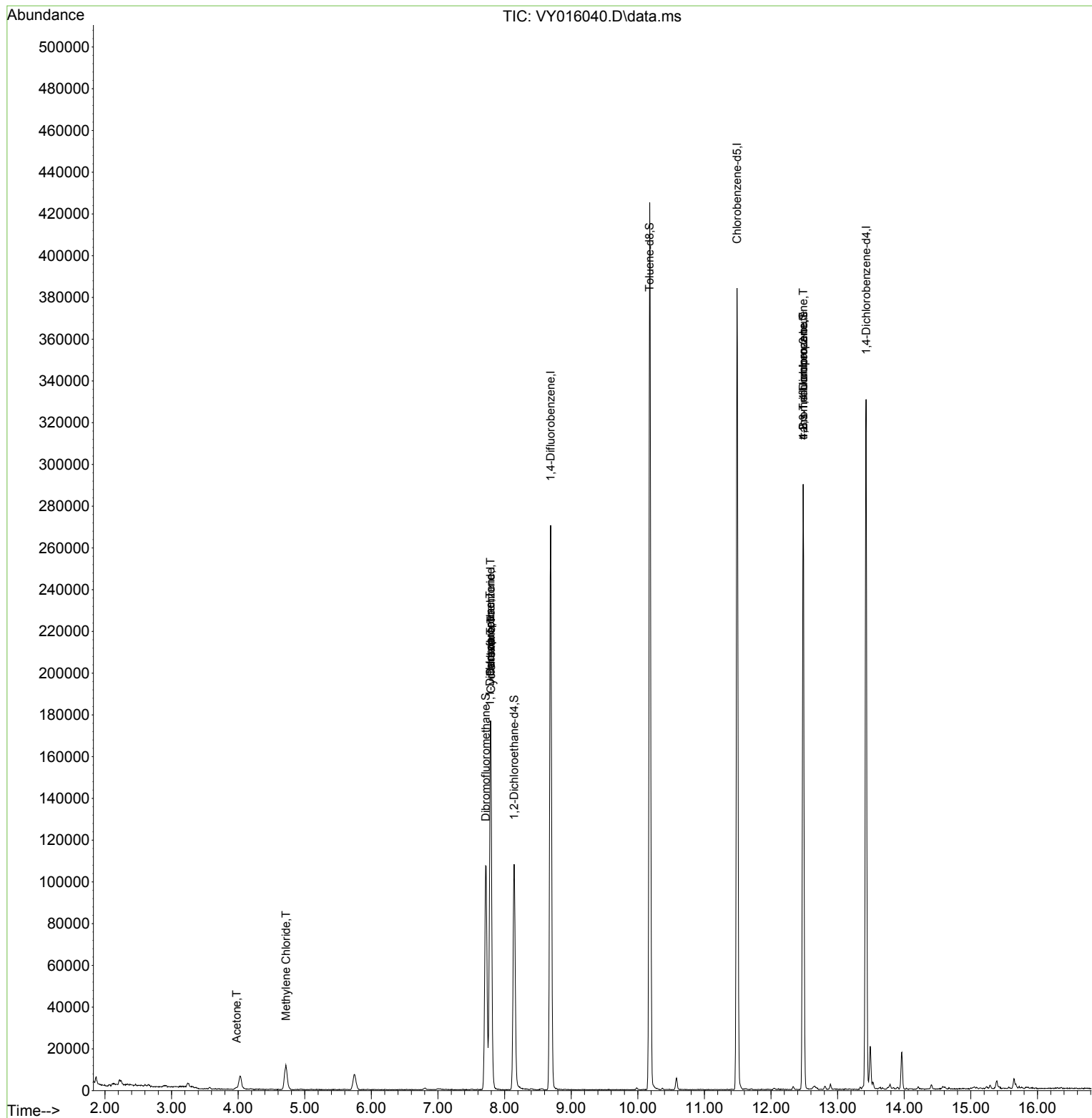
Internal Standards						
1) Pentafluorobenzene	7.789	168	140801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88116	55.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.120%	
35) Dibromofluoromethane	7.716	113	78291	50.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.179	98	280335	49.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.483	95	84767	41.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	2097	3.535	ug/l #	78
20) Methylene Chloride	4.716	84	8721	4.949	ug/l #	91
31) Cyclohexane	7.795	56	2868	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10655	4.543	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13934	5.589	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44686	36.548	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44686	79.780	ug/l #	11

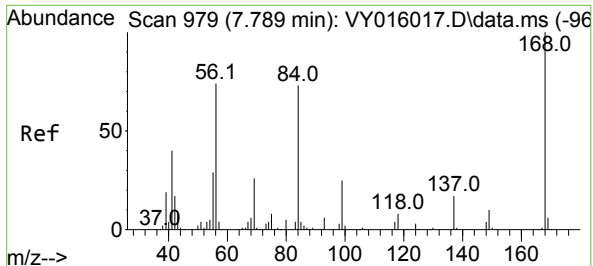
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
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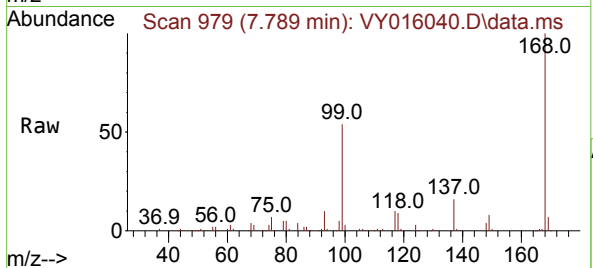
Quant Time: Oct 20 05:38:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration



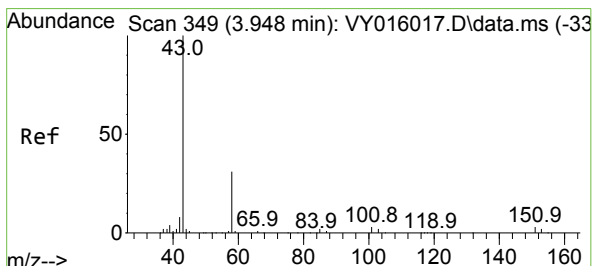
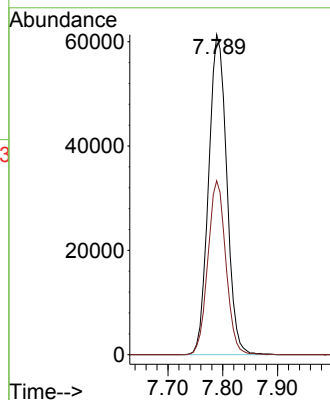
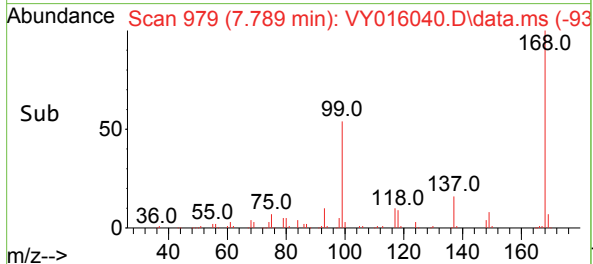


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Instrument :
MSVOA_Y
ClientSampleId :

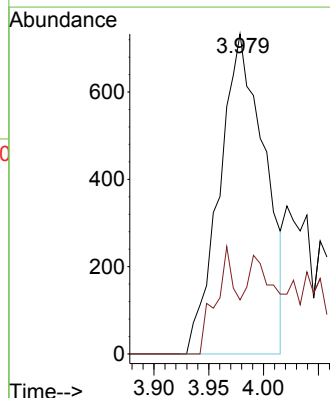
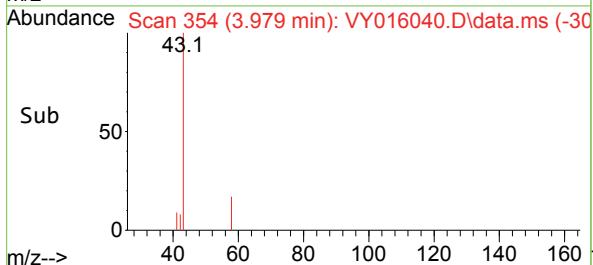
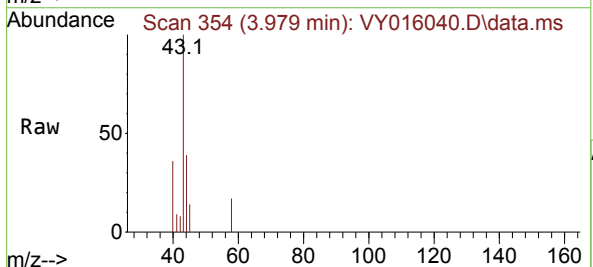


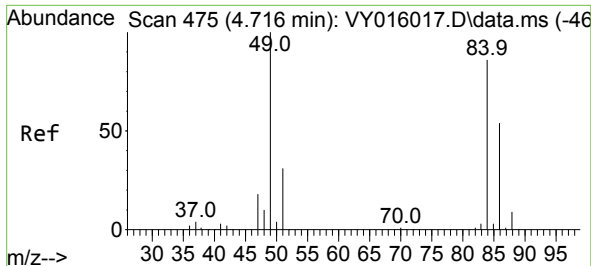
Tgt Ion:168 Resp: 140801
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 3.535 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.030 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

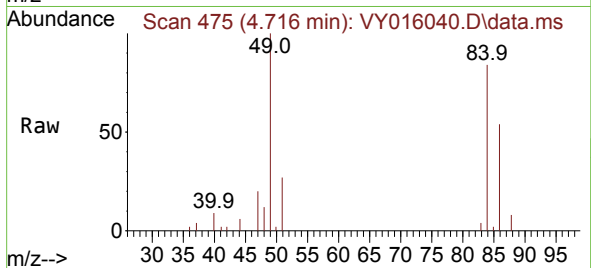
Tgt Ion: 43 Resp: 2097
Ion Ratio Lower Upper
43 100
58 16.9 22.7 34.1#



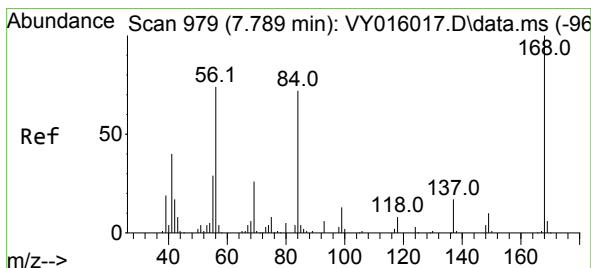
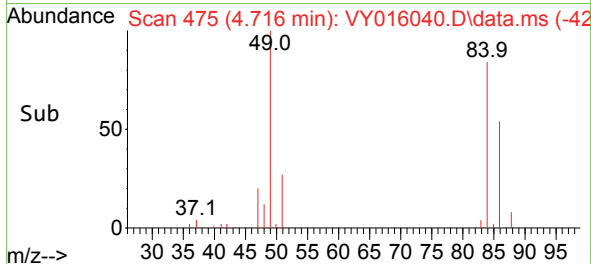
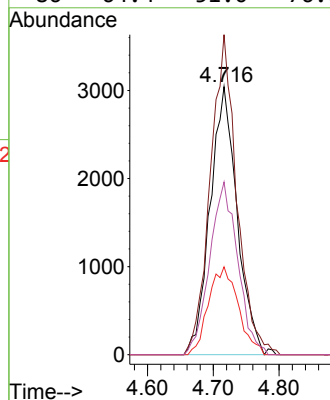


#20
Methylene Chloride
Concen: 4.949 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Instrument :
MSVOA_Y
ClientSampleId :

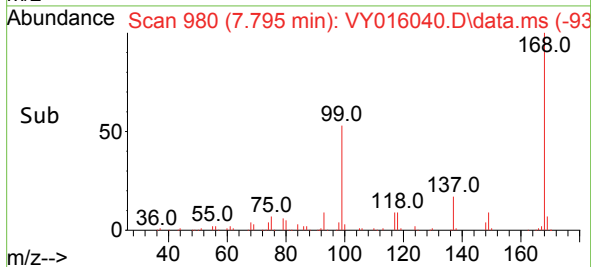
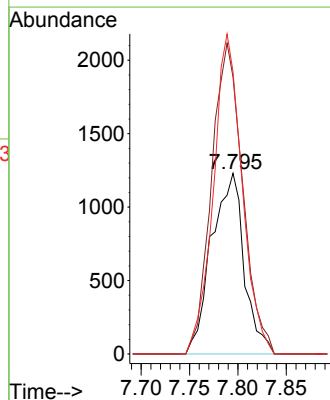
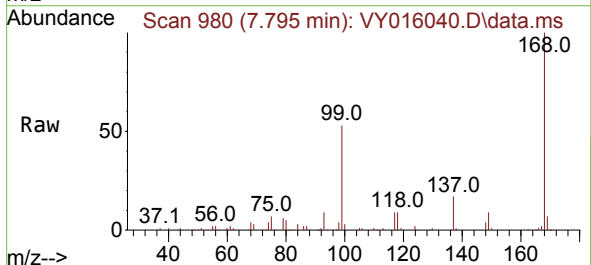


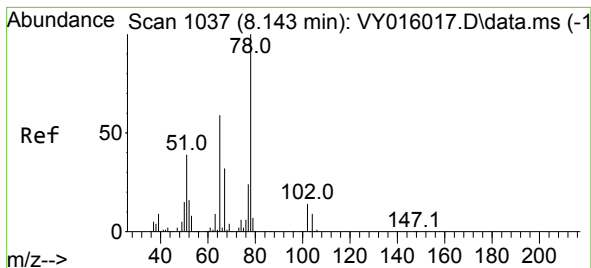
Tgt Ion:	84	Resp:	8721
Ion	Ratio	Lower	Upper
84	100		
49	119.4	106.9	160.3
51	32.8	33.2	49.8#
86	64.4	51.0	76.6



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Tgt Ion:	56	Resp:	2868
Ion	Ratio	Lower	Upper
56	100		
69	153.3	27.8	41.6#
84	156.3	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.062 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

Instrument :

MSVOA_Y

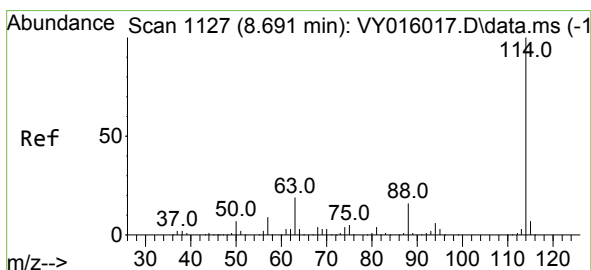
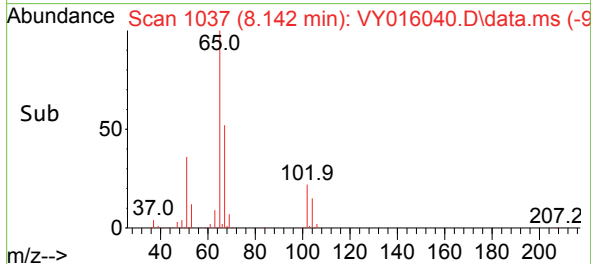
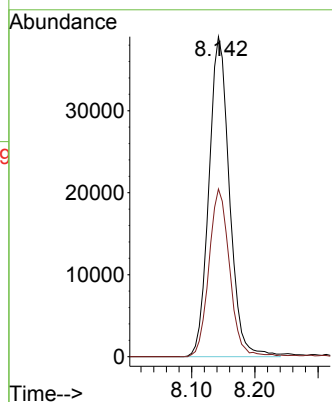
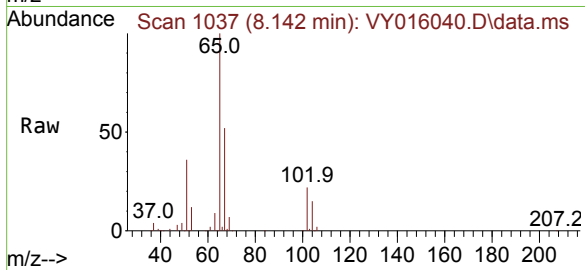
ClientSampleId :

Tgt Ion: 65 Resp: 88116

Ion Ratio Lower Upper

65 100

67 52.8 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: VY016040.D

Acq: 19 Oct 2023 16:22

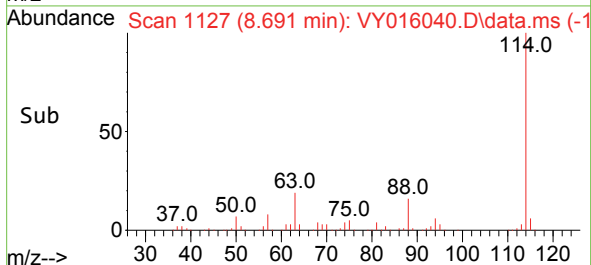
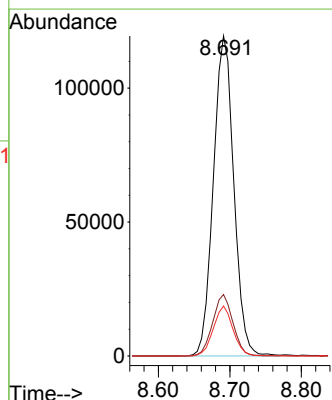
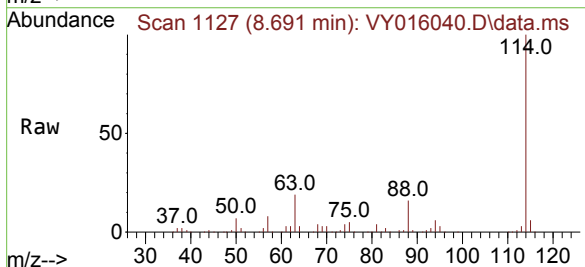
Tgt Ion:114 Resp: 236862

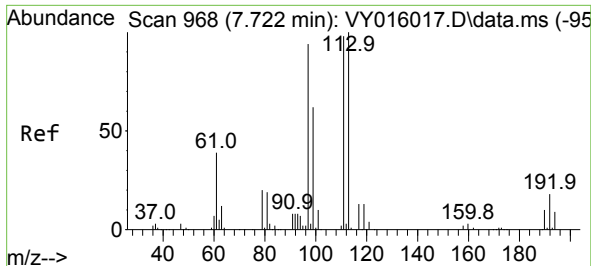
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

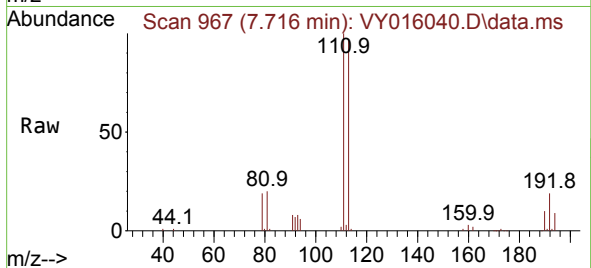
88 15.6 0.0 30.6



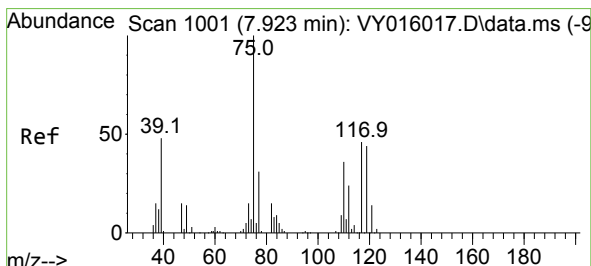
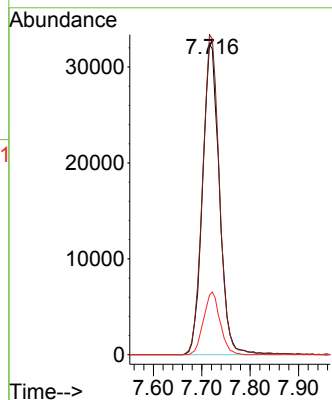
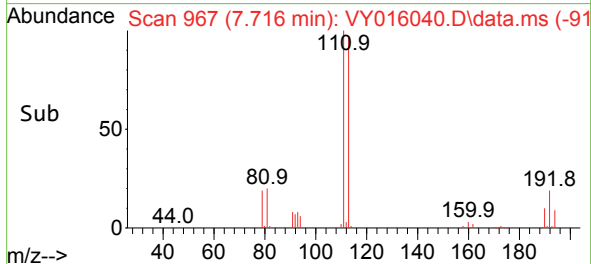


#35
Dibromofluoromethane
Concen: 50.217 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Instrument :
MSVOA_Y
ClientSampleId :

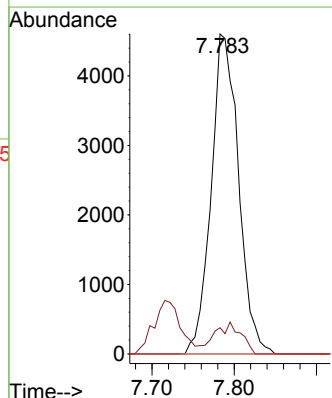
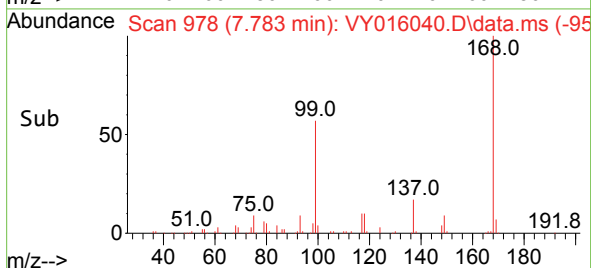
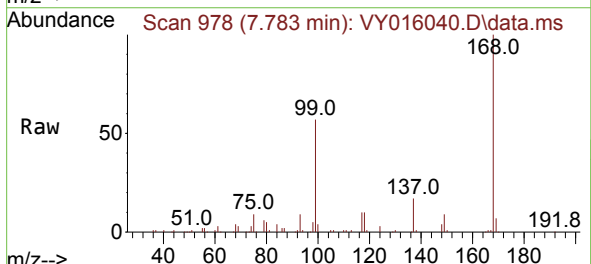


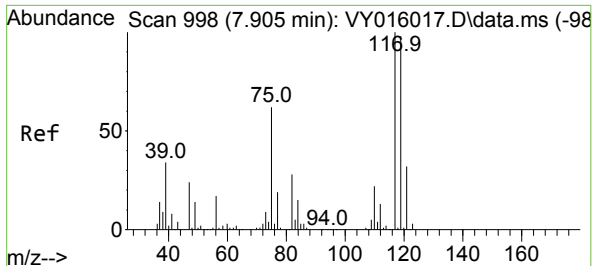
Tgt Ion:113 Resp: 78291
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.543 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

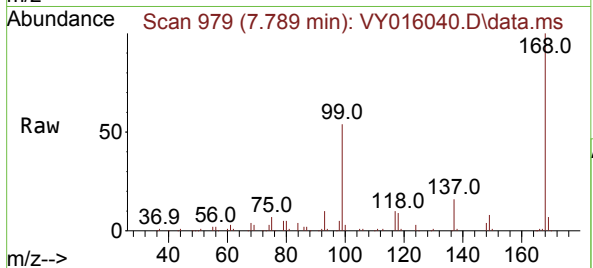
Tgt Ion: 75 Resp: 10655
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



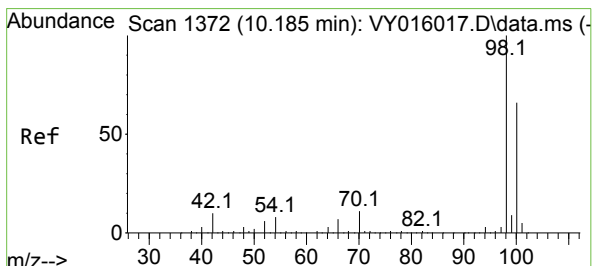
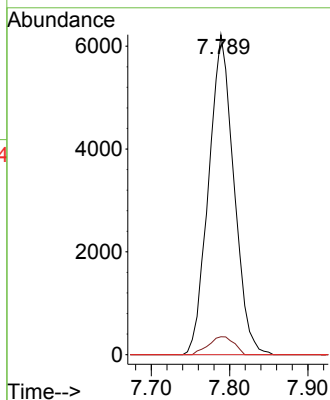
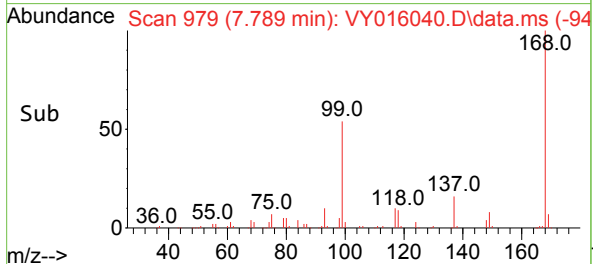


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Instrument :
MSVOA_Y
ClientSampleId :

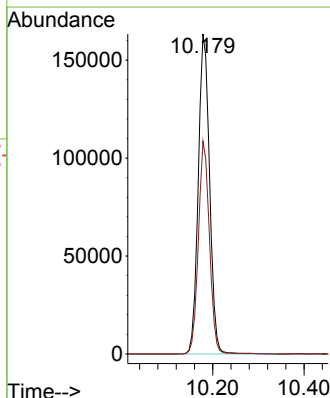
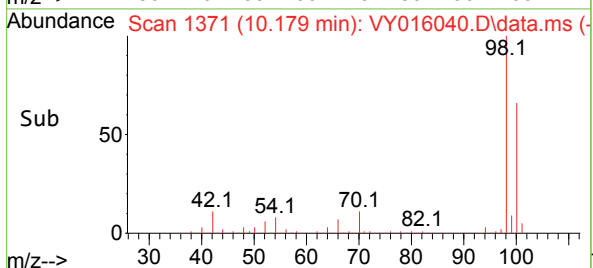
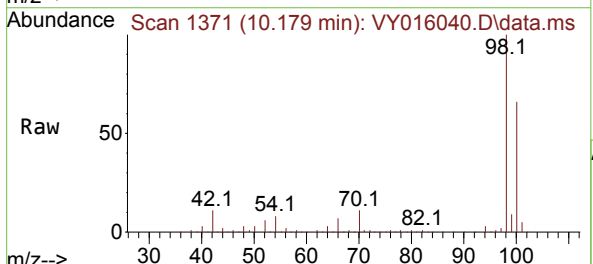


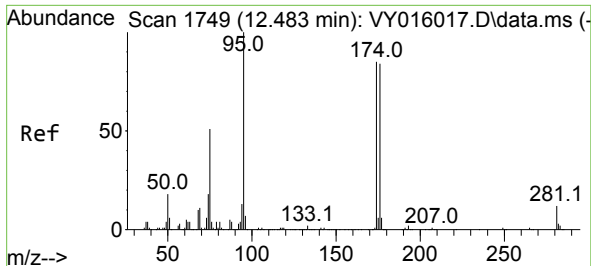
Tgt Ion:117 Resp: 13934
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.509 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Tgt Ion: 98 Resp: 280335
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

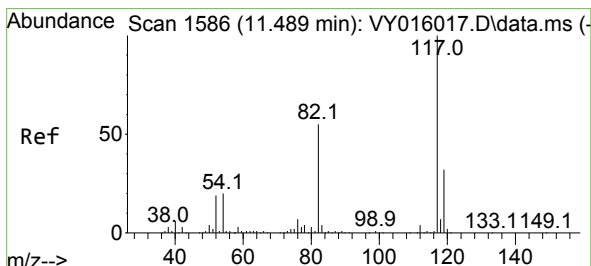
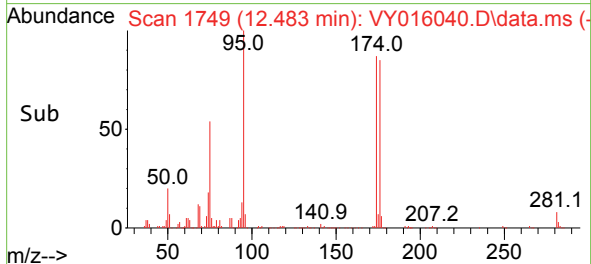
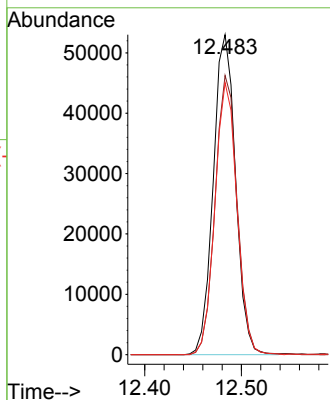
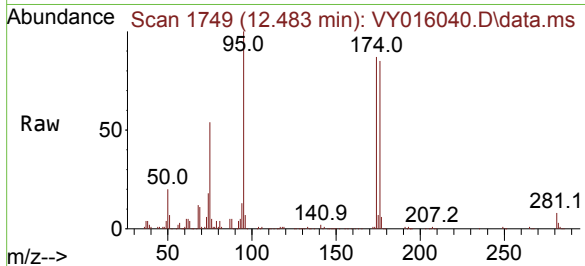




#62
4-Bromofluorobenzene
Concen: 41.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

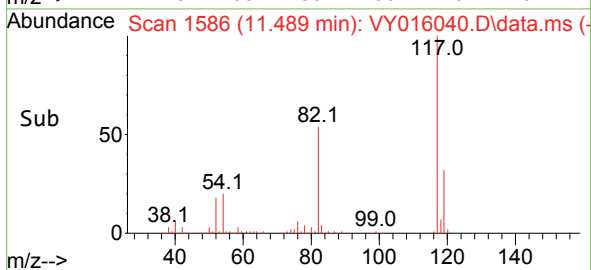
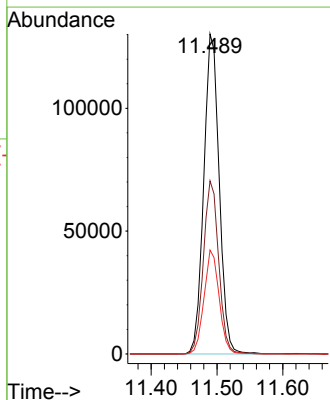
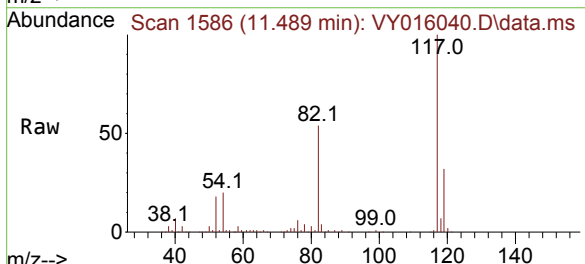
Instrument :
MSVOA_Y
ClientSampleId :

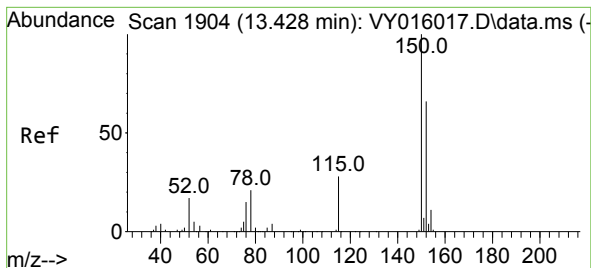
Tgt Ion: 95 Resp: 84767
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Tgt Ion: 117 Resp: 212931
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

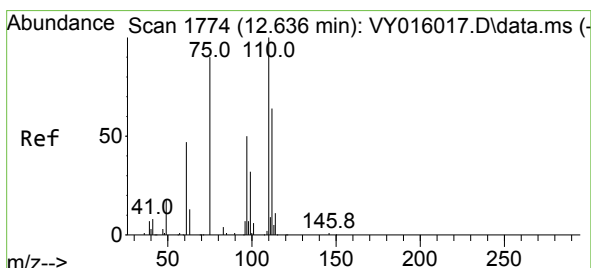
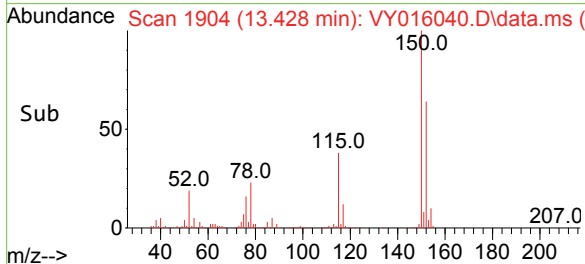
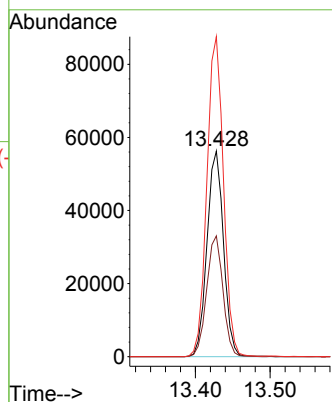
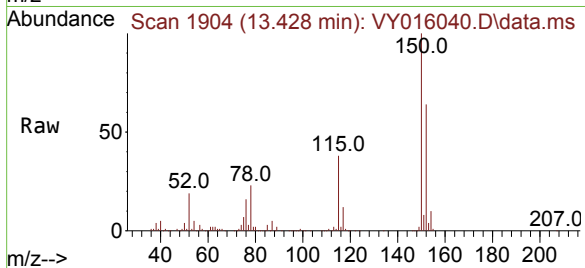
Tgt Ion:152 Resp: 86353

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 156.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.548 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY016040.D

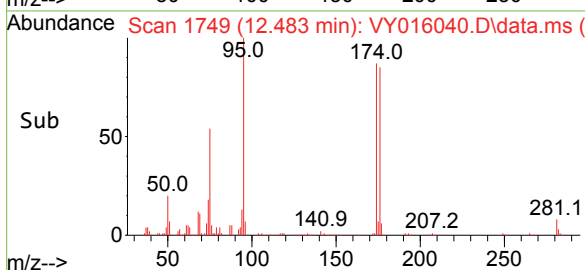
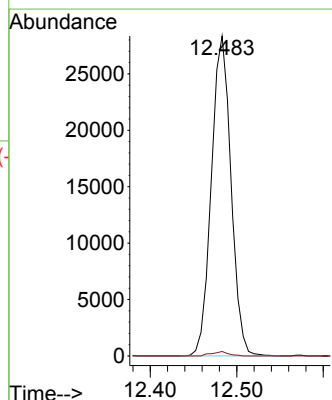
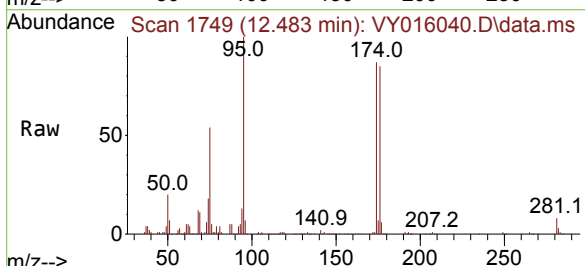
Acq: 19 Oct 2023 16:22

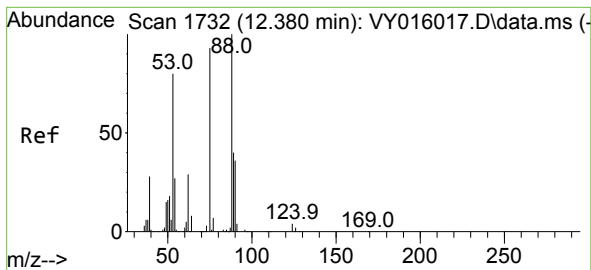
Tgt Ion: 75 Resp: 44686

Ion Ratio Lower Upper

75 100

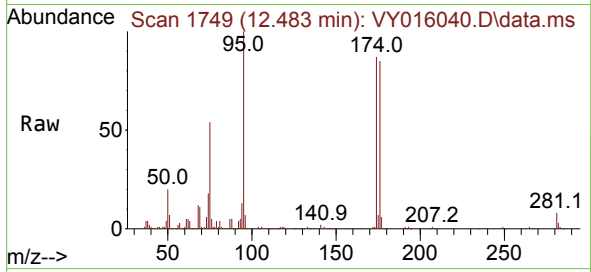
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.780 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016040.D
 Acq: 19 Oct 2023 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 44686
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

