

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016090.D
 Acq On : 26 Oct 2023 20:16
 Operator : SY/MD
 Sample : 05050-08
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:22:10 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)

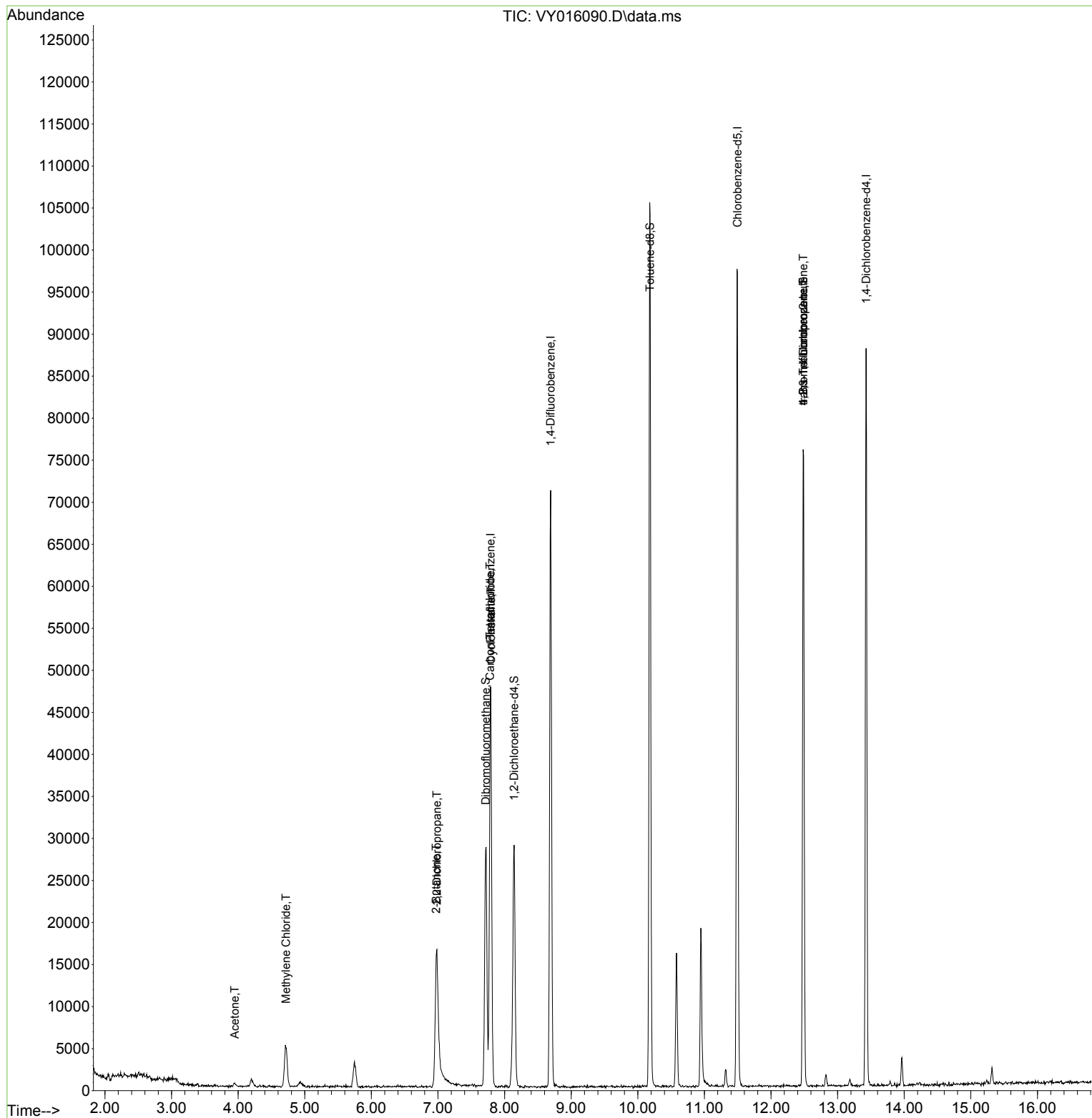
Internal Standards						
1) Pentafluorobenzene	7.789	168	38001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	56217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21546	57.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.040%	
35) Dibromofluoromethane	7.716	113	21013	53.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.140%	
50) Toluene-d8	10.185	98	71959	49.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	12.483	95	21681	43.092	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	649	Below Cal	#	89
16) Acetone	3.948	43	708	6.913	ug/l #	58
20) Methylene Chloride	4.716	84	4048	4.888	ug/l	85
25) 2-Butanone	6.972	43	665	4.811	ug/l	98
26) 2,2-Dichloropropane	6.984	77	1388	2.233	ug/l #	54
31) Cyclohexane	7.795	56	727	1.223	ug/l #	1
38) Carbon Tetrachloride	7.783	117	3591	6.152	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	11340	45.677	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11340	99.261	ug/l #	10

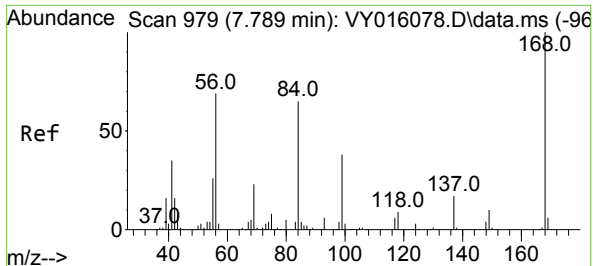
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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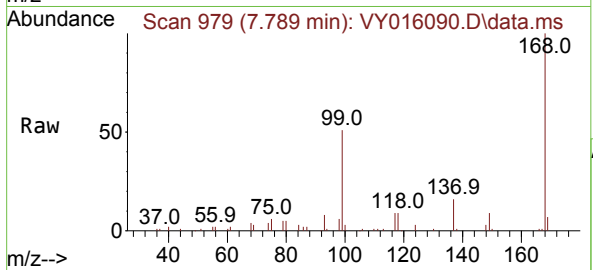
Quant Time: Oct 27 04:22:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
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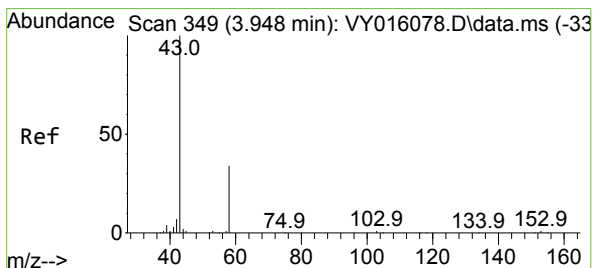
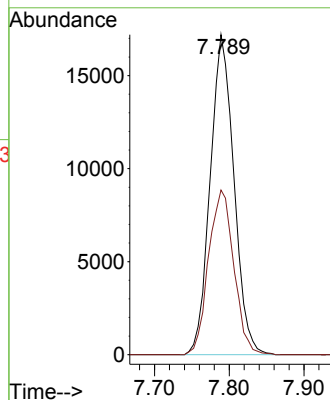
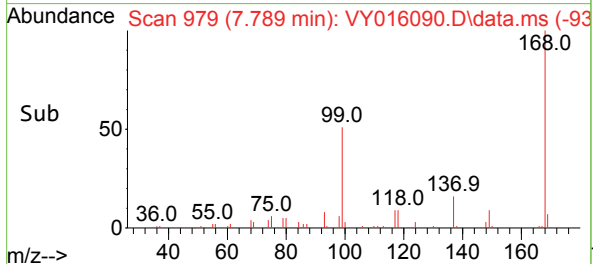


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Instrument :
MSVOA_Y
ClientSampleId :

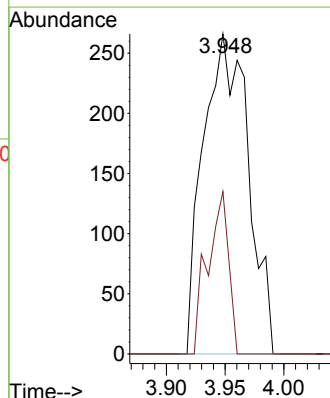
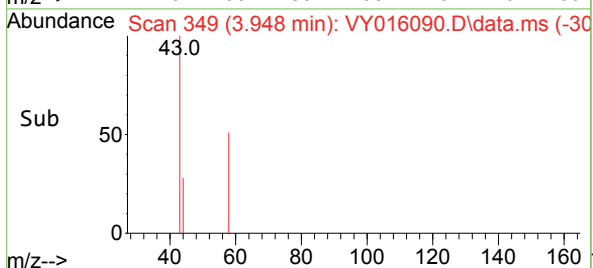
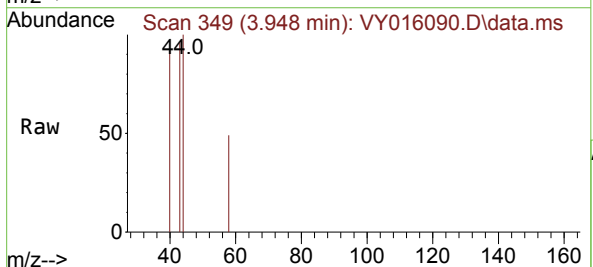


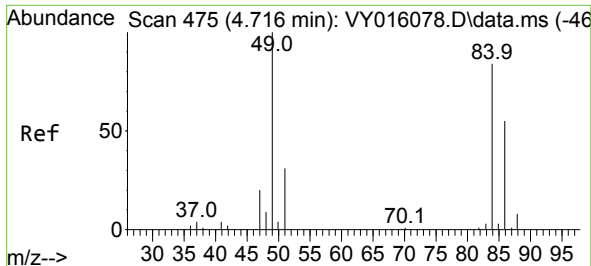
Tgt Ion:168 Resp: 38001
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#16
Acetone
Concen: 6.913 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
58 50.8 22.7 34.1#





#20

Methylene Chloride

Concen: 4.888 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

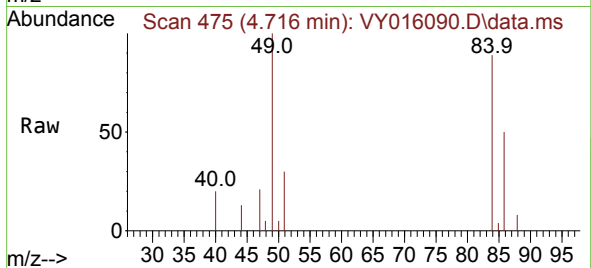
Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4048

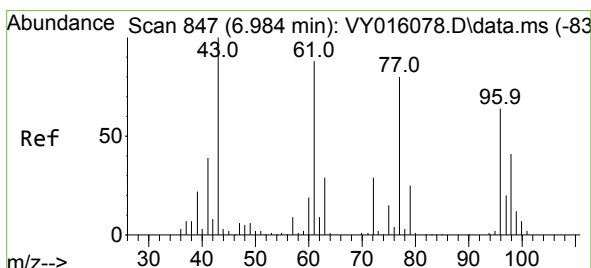
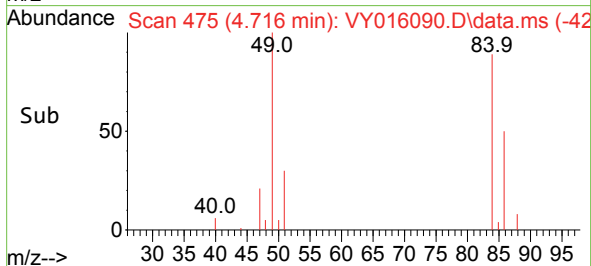
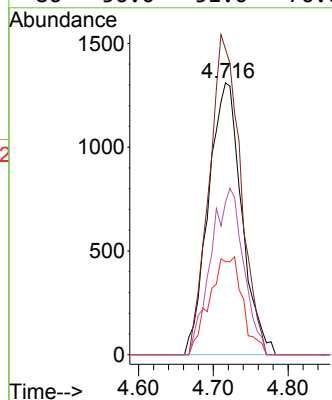
Ion Ratio Lower Upper

84 100

49 112.4 106.9 160.3

51 34.2 33.2 49.8

86 56.0 51.0 76.6



#25

2-Butanone

Concen: 4.811 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY016090.D

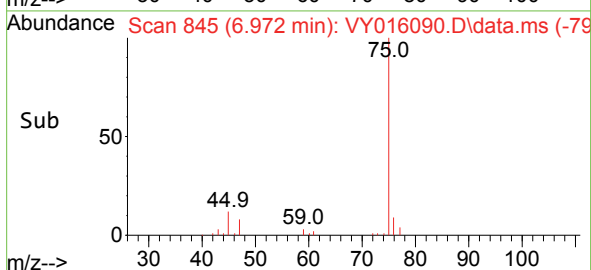
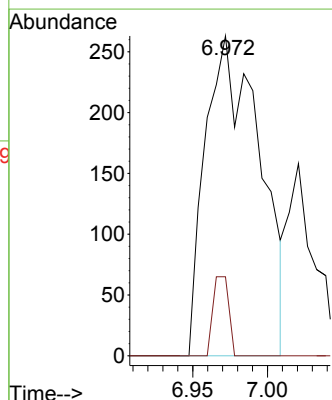
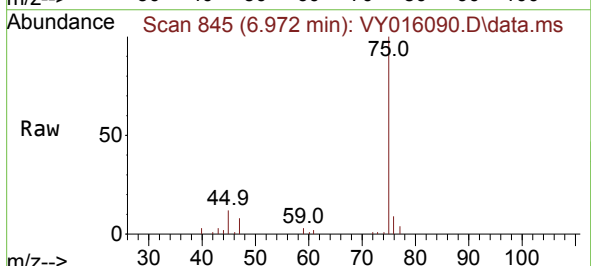
Acq: 26 Oct 2023 20:16

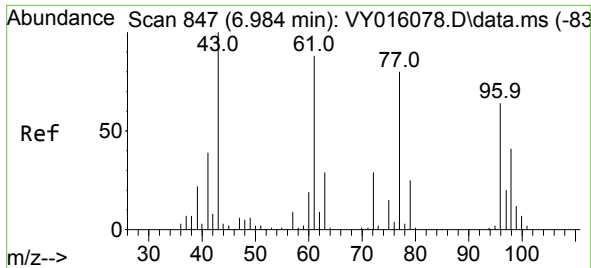
Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

72 24.7 20.5 30.7

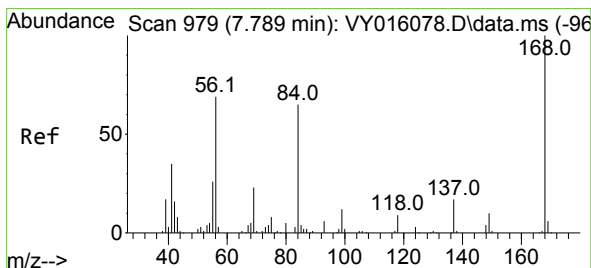
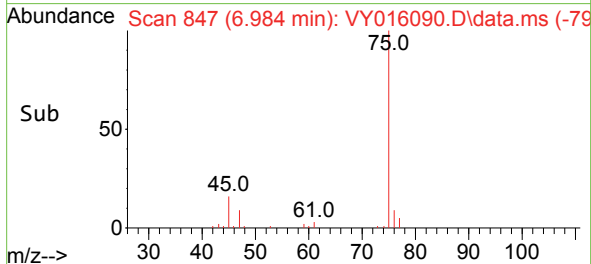
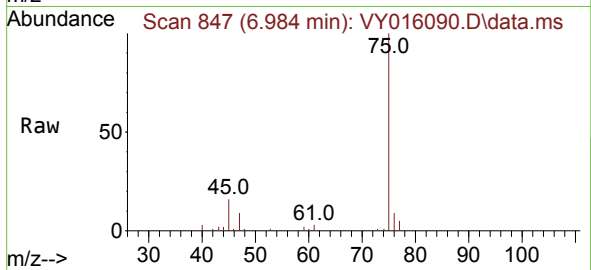




#26
2,2-Dichloropropane
Concen: 2.233 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

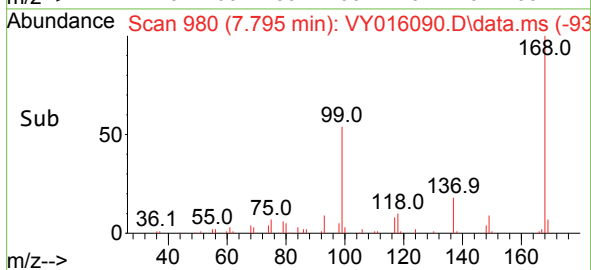
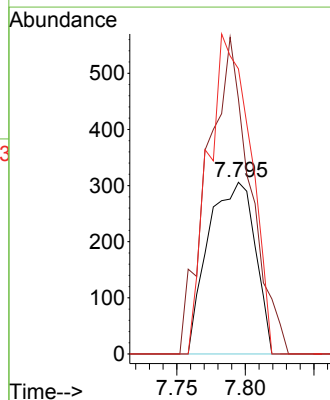
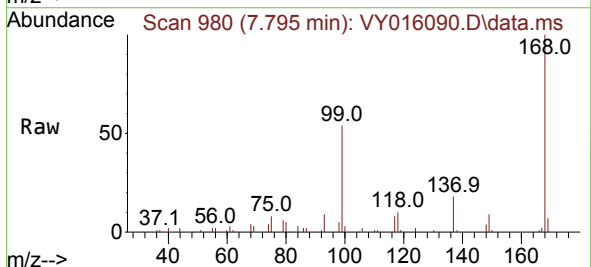
Instrument :
MSVOA_Y
ClientSampleId :

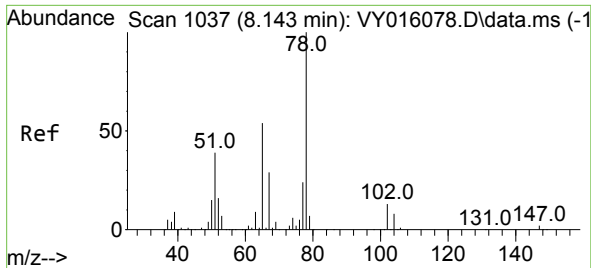
Tgt Ion: 77 Resp: 1388
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Tgt Ion: 56 Resp: 727
Ion Ratio Lower Upper
56 100
69 148.4 27.8 41.6#
84 166.0 66.4 99.6#

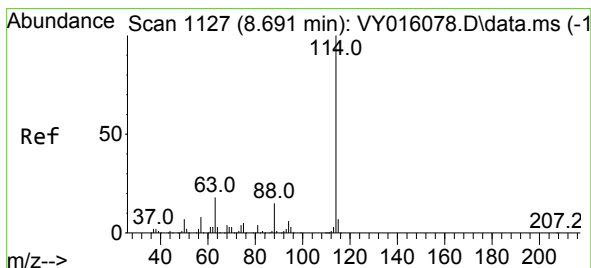
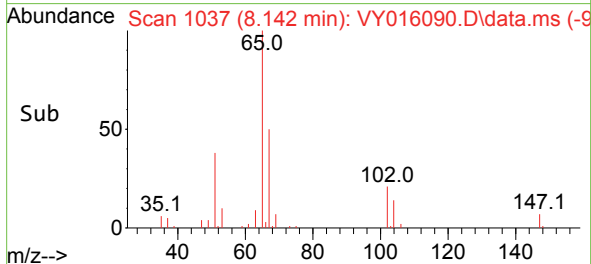
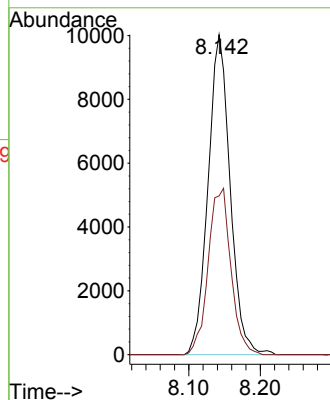
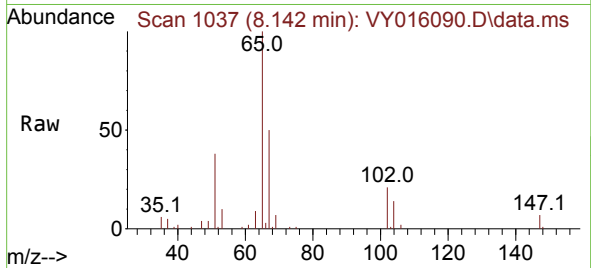




#33
 1,2-Dichloroethane-d4
 Concen: 57.020 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY016090.D
 Acq: 26 Oct 2023 20:16

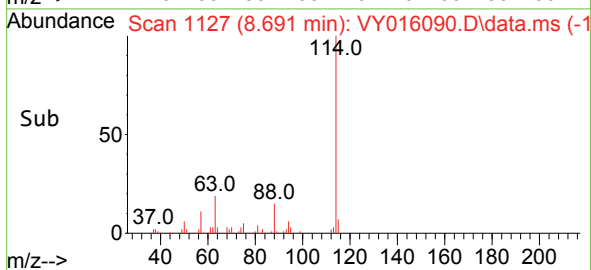
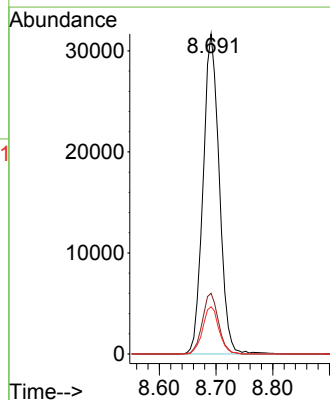
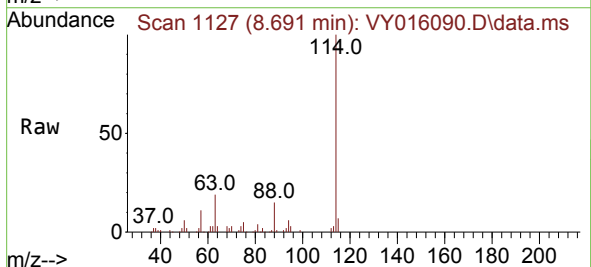
Instrument :
 MSVOA_Y
 ClientSampleId :

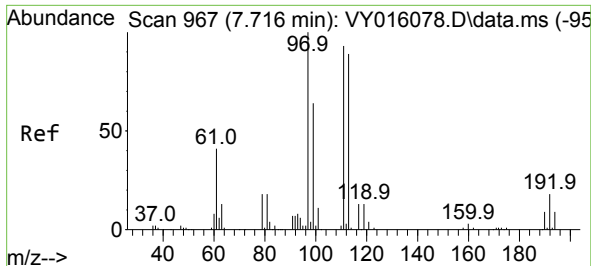
Tgt Ion: 65 Resp: 21546
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016090.D
 Acq: 26 Oct 2023 20:16

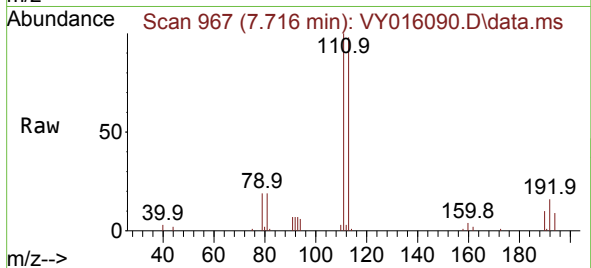
Tgt Ion: 114 Resp: 62724
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.7 0.0 30.6



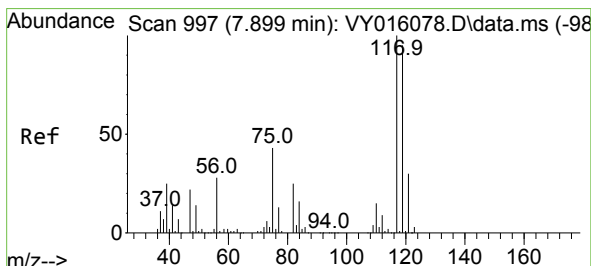
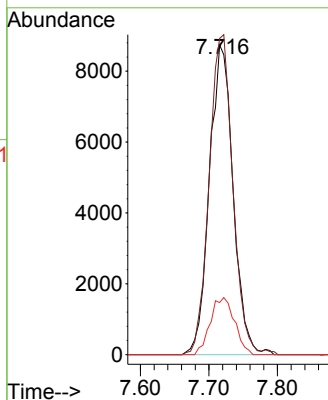
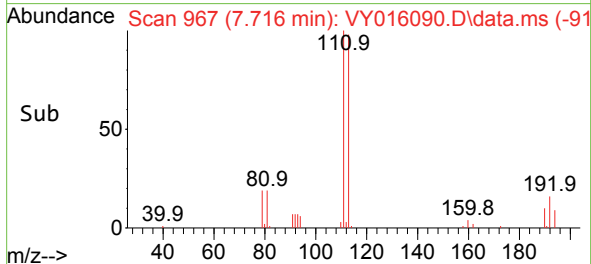


#35
Dibromofluoromethane
Concen: 53.067 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Instrument :
MSVOA_Y
ClientSampleId :

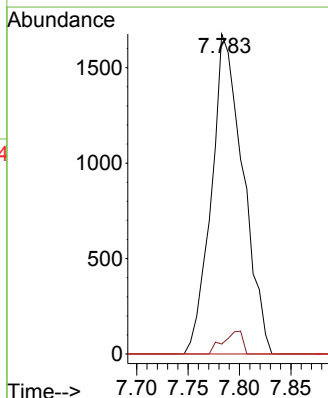
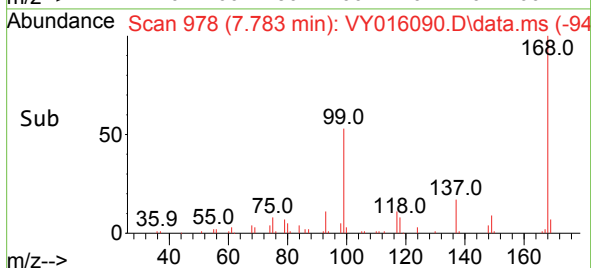
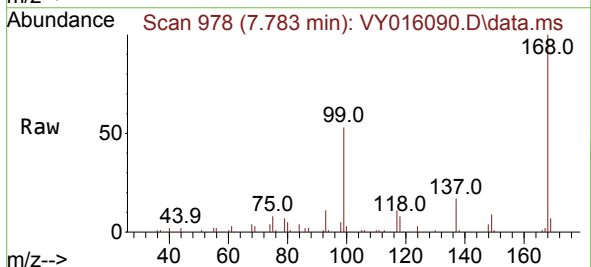


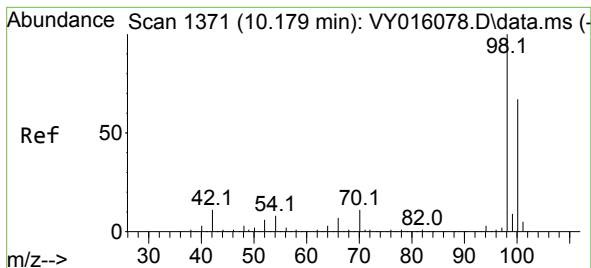
Tgt Ion:113 Resp: 21013
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.8 16.9 25.3



#38
Carbon Tetrachloride
Concen: 6.152 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Tgt Ion:117 Resp: 3591
Ion Ratio Lower Upper
117 100
119 3.1 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.060 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

Instrument :

MSVOA_Y

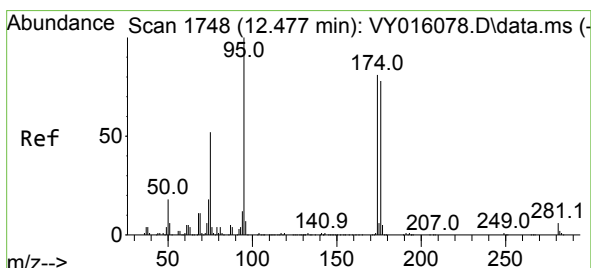
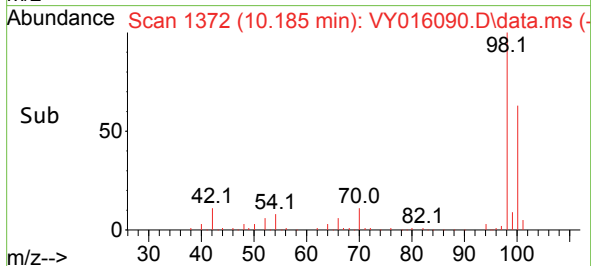
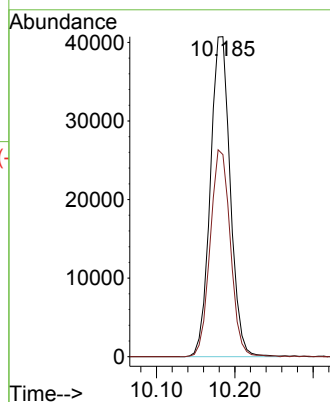
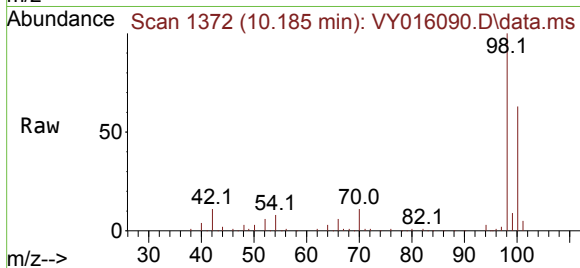
ClientSampleId :

Tgt Ion: 98 Resp: 71959

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 43.092 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

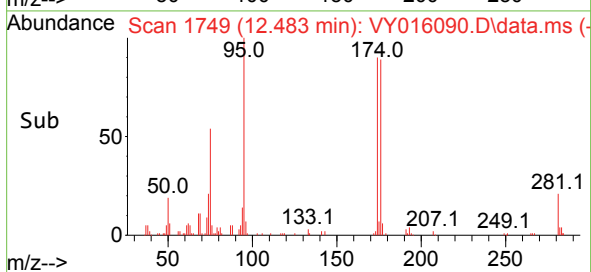
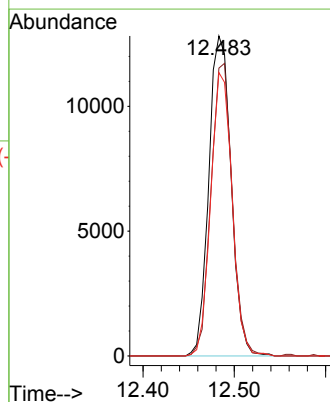
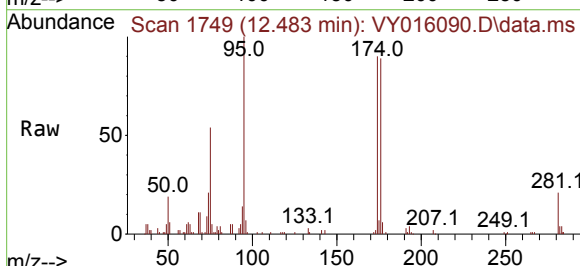
Tgt Ion: 95 Resp: 21681

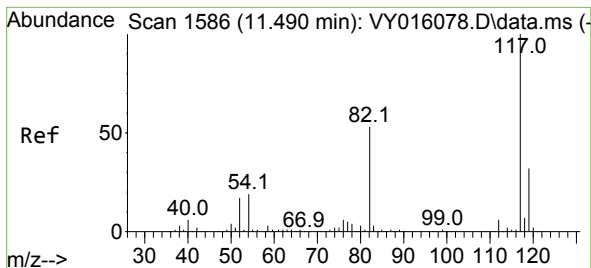
Ion Ratio Lower Upper

95 100

174 87.8 0.0 178.2

176 85.2 0.0 173.8

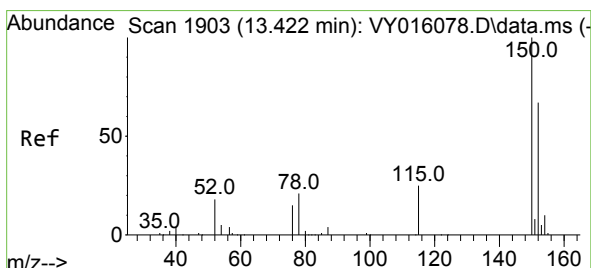
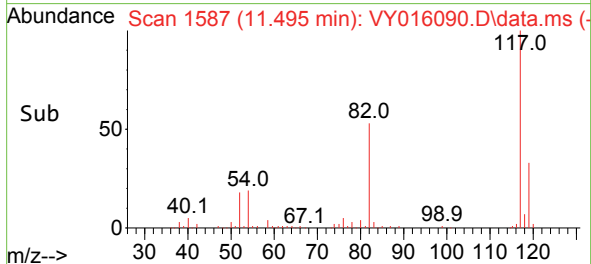
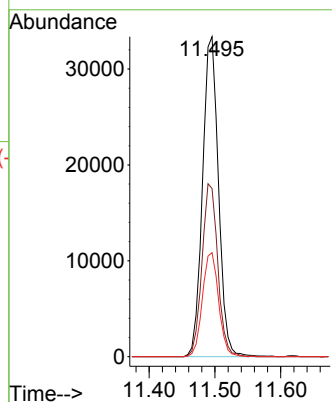
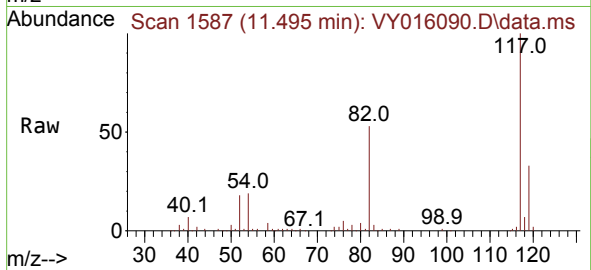




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

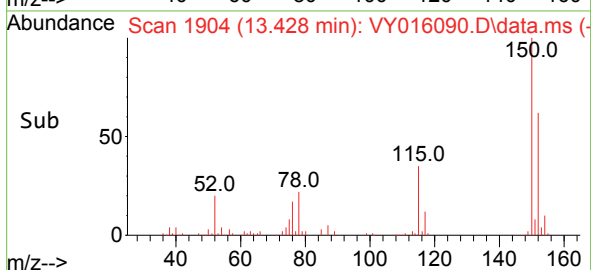
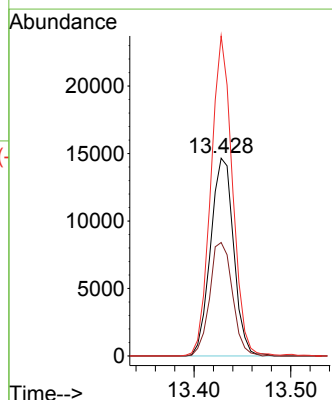
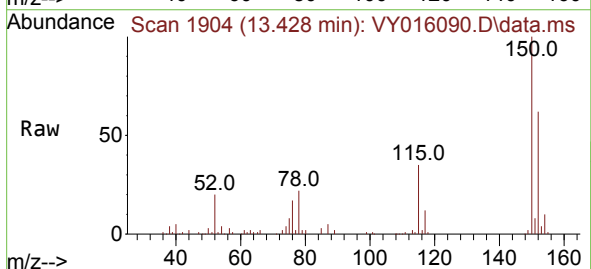
Instrument :
MSVOA_Y
ClientSampleId :

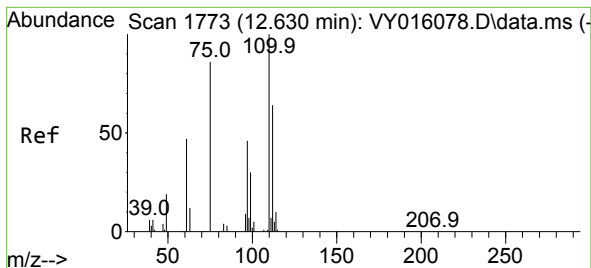
Tgt Ion:117 Resp: 56217
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Tgt Ion:152 Resp: 24317
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 151.0 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 45.677 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

Instrument :

MSVOA_Y

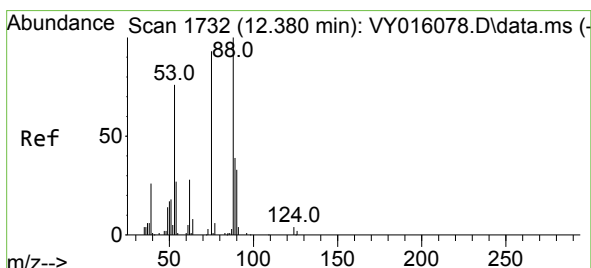
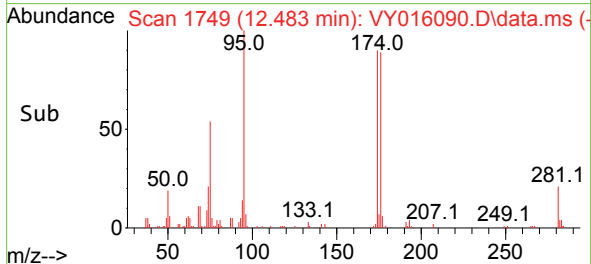
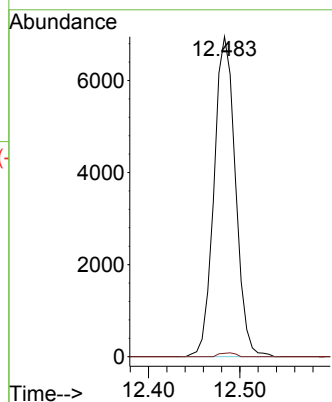
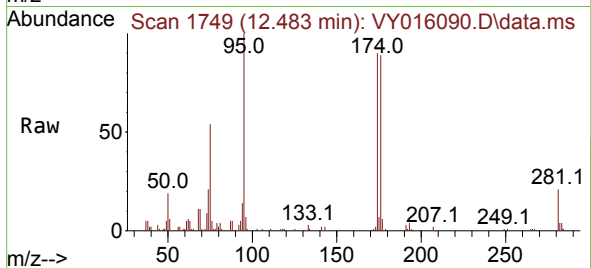
ClientSampleId :

Tgt Ion: 75 Resp: 11340

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.261 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

Tgt Ion: 75 Resp: 11340

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

