

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016096.D
 Acq On : 27 Oct 2023 10:55
 Operator : SY/MD
 Sample : VY1027SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

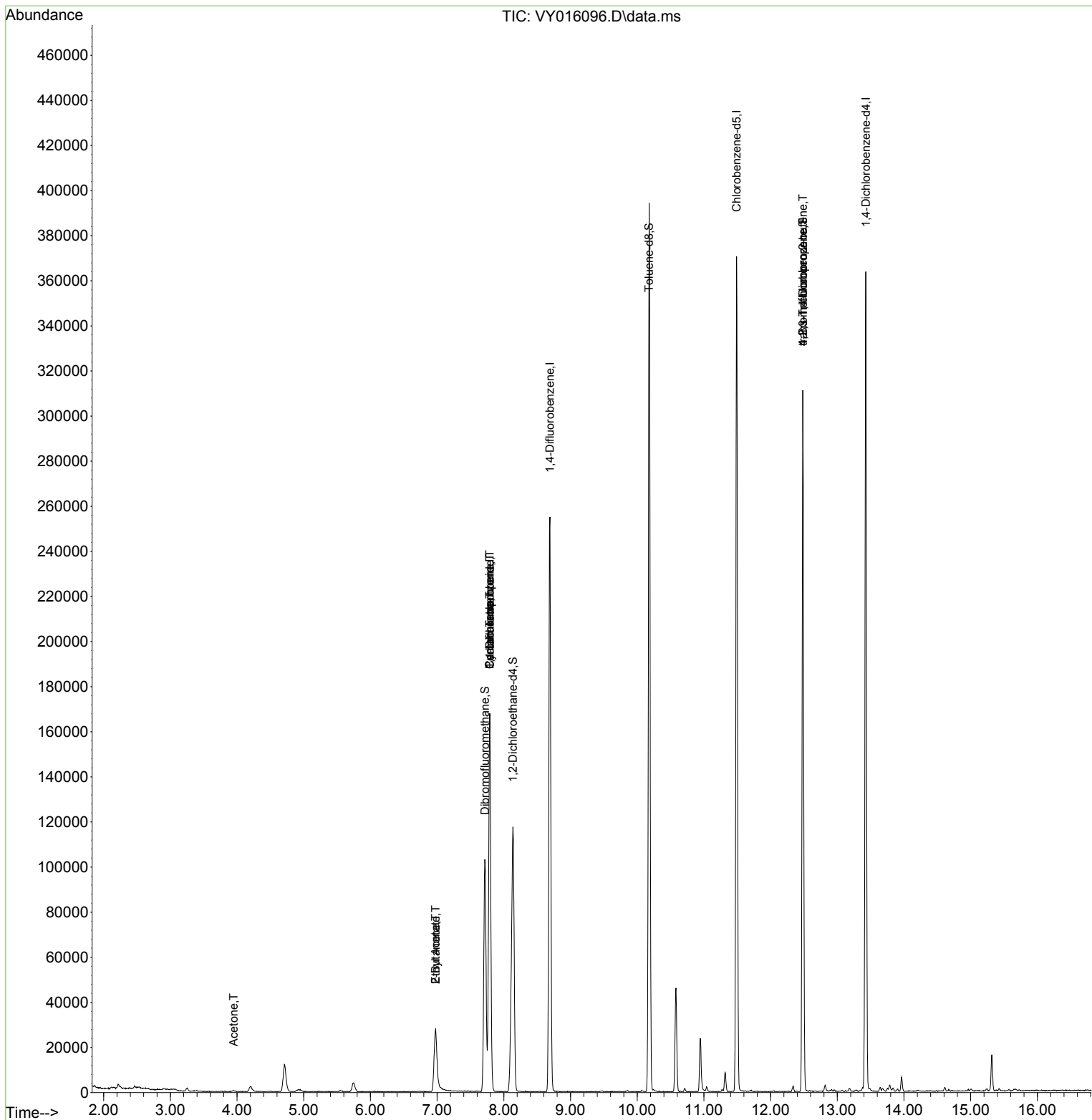
Quant Time: Oct 30 06:05:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

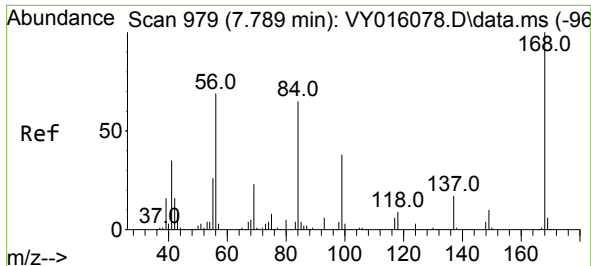
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	130346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77707	59.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.900%
35) Dibromofluoromethane	7.716	113	74504	52.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.780%
50) Toluene-d8	10.179	98	262219	49.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.483	95	86736	48.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1068	Below Cal	#	89
16) Acetone	3.948	43	776	2.209	ug/l	93
25) 2-Butanone	6.978	43	1538	3.244	ug/l #	82
31) Cyclohexane	7.789	56	2422	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10240	5.166	ug/l #	50
37) Ethyl Acetate	6.978	43	1538	1.514	ug/l #	1
38) Carbon Tetrachloride	7.789	117	12779	6.096	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44807	46.658	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44807	101.392	ug/l #	11

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

Quant Time: Oct 30 06:05:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
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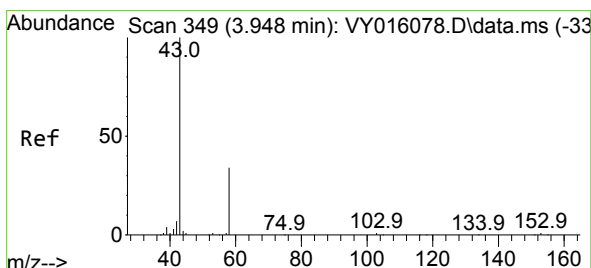
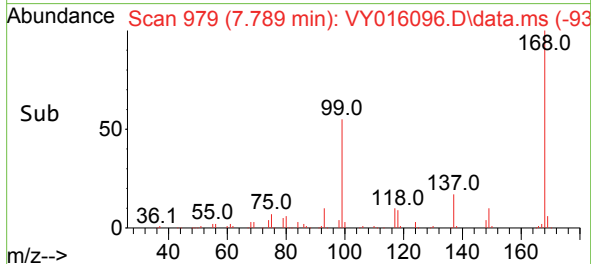
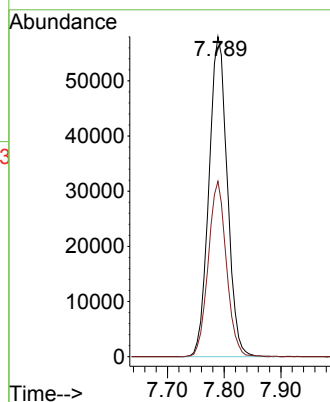
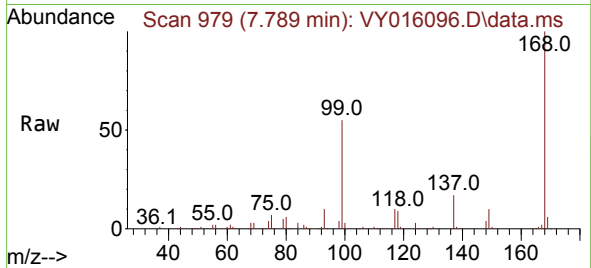




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

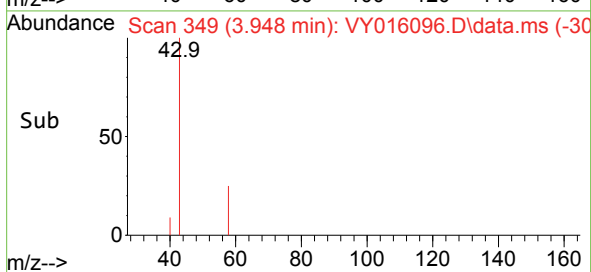
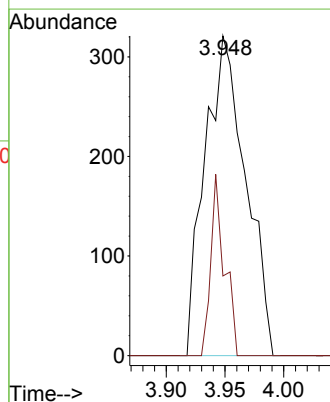
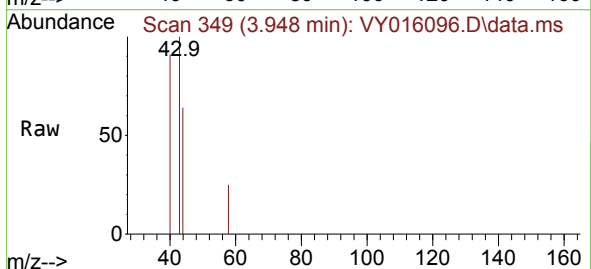
Instrument :
MSVOA_Y
ClientSampleId :

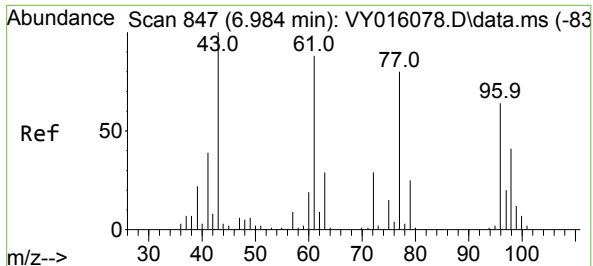
Tgt Ion:168 Resp: 130346
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 2.209 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 24.9 22.7 34.1





#25

2-Butanone

Concen: 3.244 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016096.D

Acq: 27 Oct 2023 10:55

Instrument :

MSVOA_Y

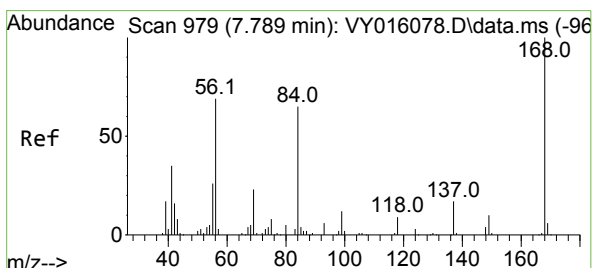
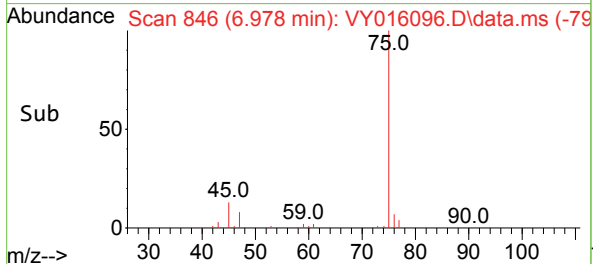
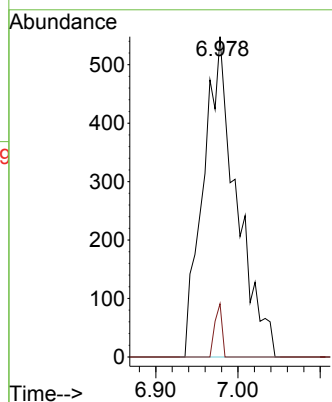
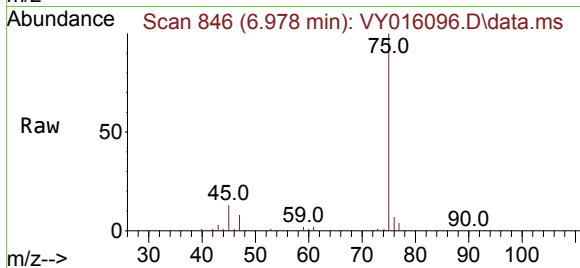
ClientSampleId :

Tgt Ion: 43 Resp: 1538

Ion Ratio Lower Upper

43 100

72 16.6 20.5 30.7#



#31

Cyclohexane

Concen: 1.188 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY016096.D

Acq: 27 Oct 2023 10:55

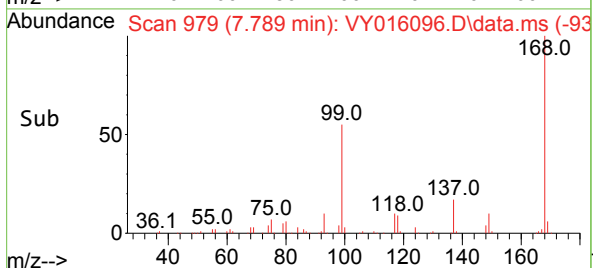
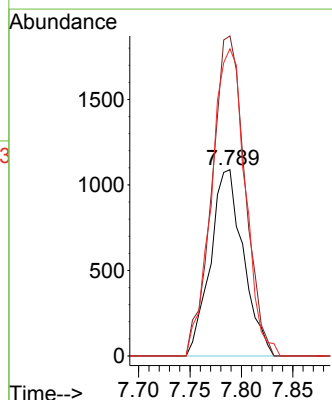
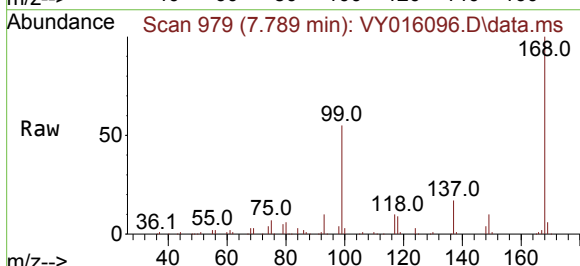
Tgt Ion: 56 Resp: 2422

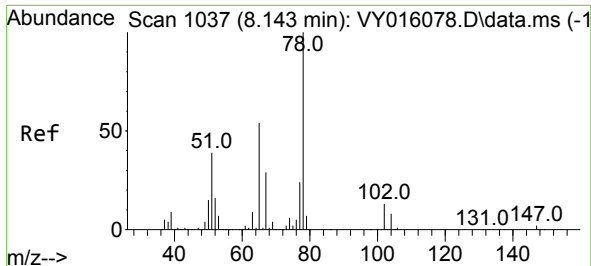
Ion Ratio Lower Upper

56 100

69 171.8 27.8 41.6#

84 164.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.954 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY016096.D

Acq: 27 Oct 2023 10:55

Instrument :

MSVOA_Y

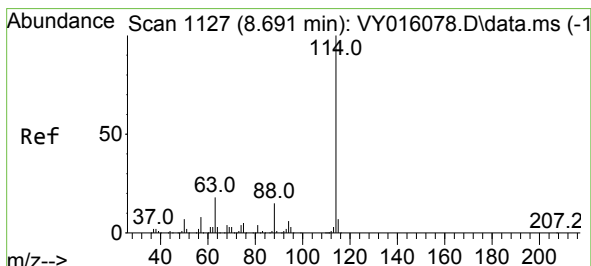
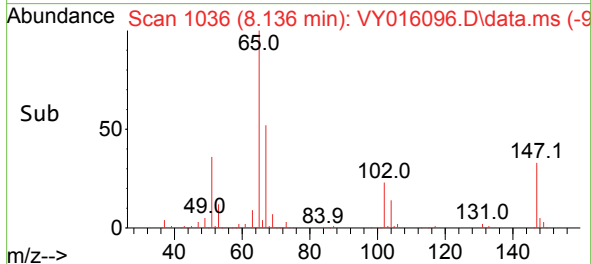
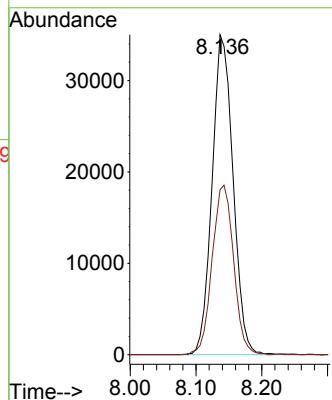
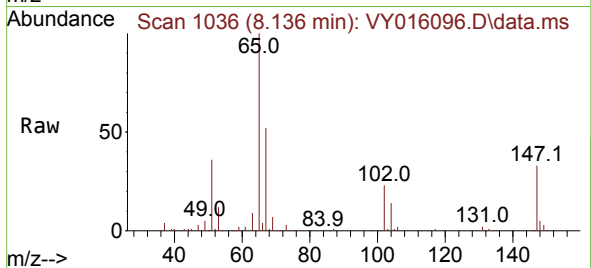
ClientSampleId :

Tgt Ion: 65 Resp: 77707

Ion Ratio Lower Upper

65 100

67 54.3 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: VY016096.D

Acq: 27 Oct 2023 10:55

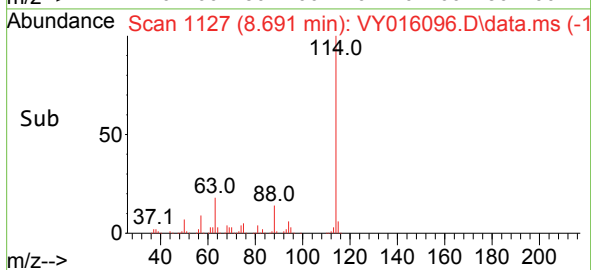
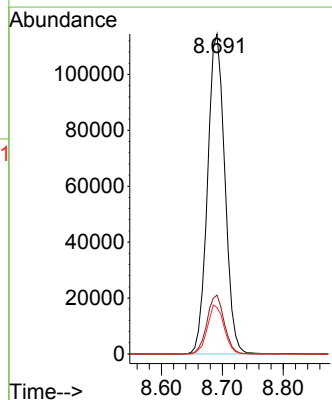
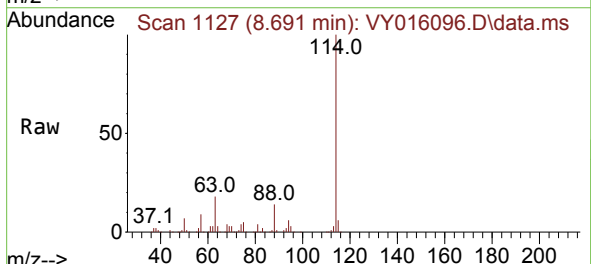
Tgt Ion: 114 Resp: 225263

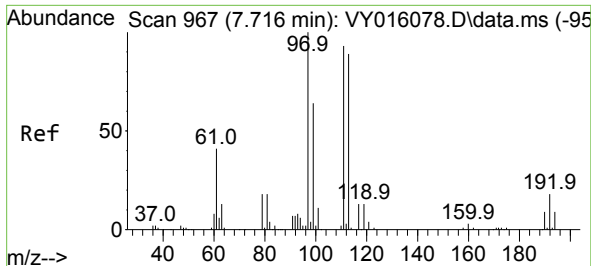
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

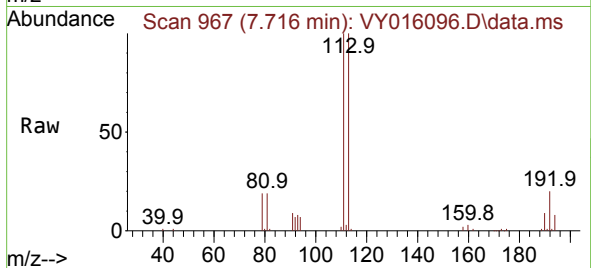
88 14.5 0.0 30.6



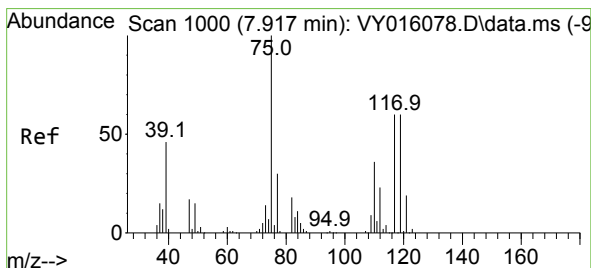
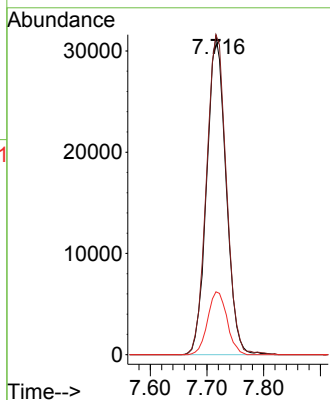
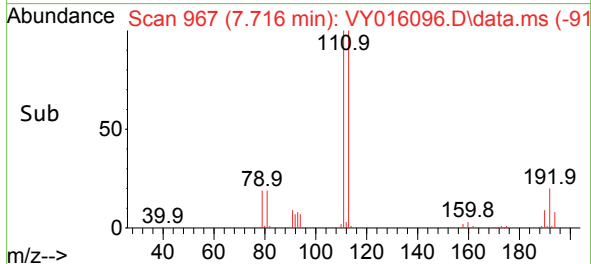


#35
Dibromofluoromethane
Concen: 52.391 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

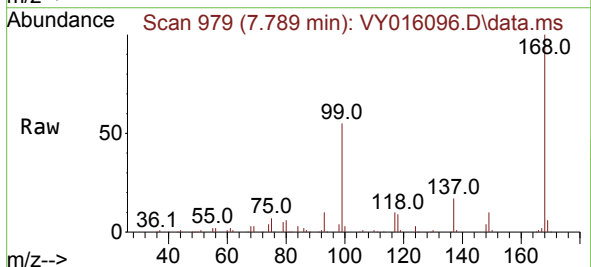
Instrument :
MSVOA_Y
ClientSampleId :



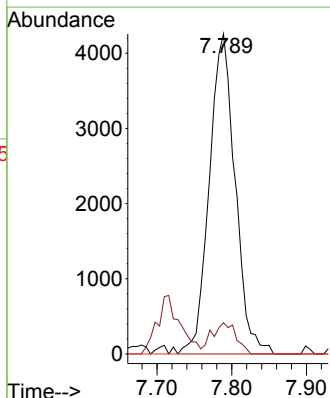
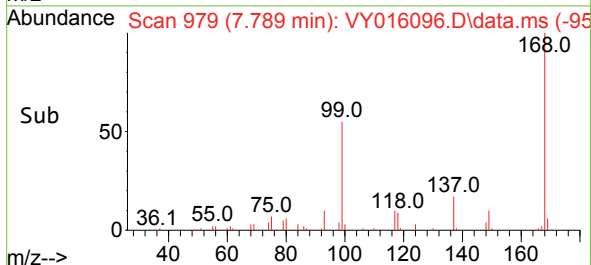
Tgt Ion:113 Resp: 74504
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.8 16.9 25.3

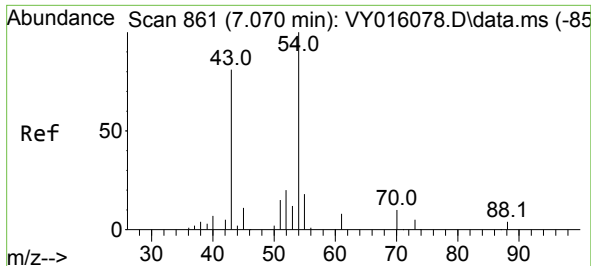


#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55



Tgt Ion: 75 Resp: 10240
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.514 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

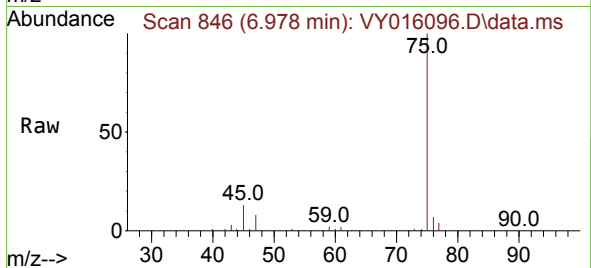
Lab File: VY016096.D

Acq: 27 Oct 2023 10:55

Instrument :

MSVOA_Y

ClientSampleId :



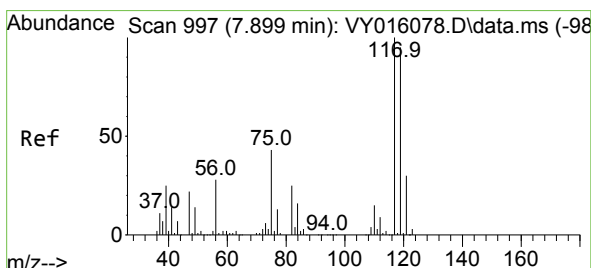
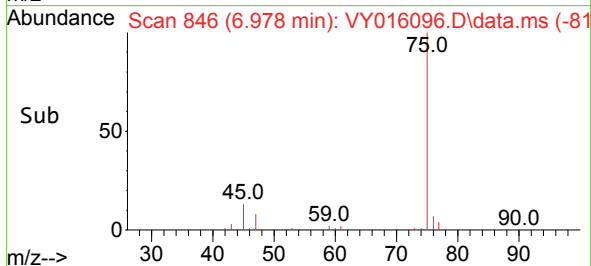
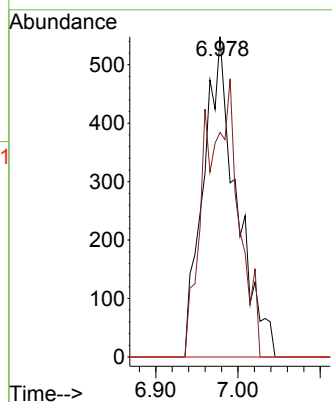
Tgt Ion: 43 Resp: 1538

Ion Ratio Lower Upper

43 100

61 88.3 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.096 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY016096.D

Acq: 27 Oct 2023 10:55

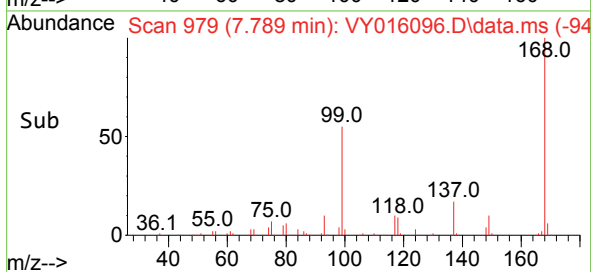
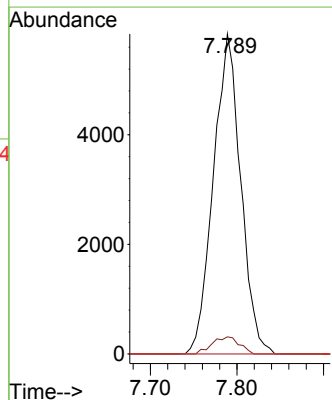
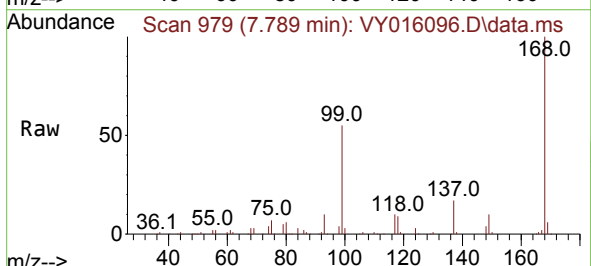
Tgt Ion: 117 Resp: 12779

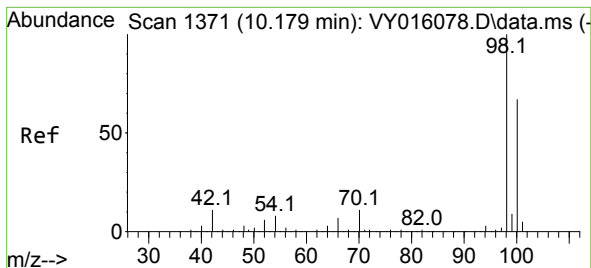
Ion Ratio Lower Upper

117 100

119 5.4 76.4 114.6#

121 0.0 25.8 38.6#

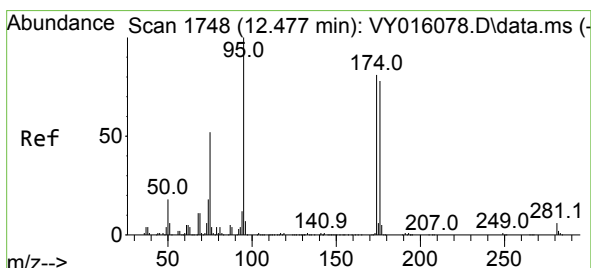
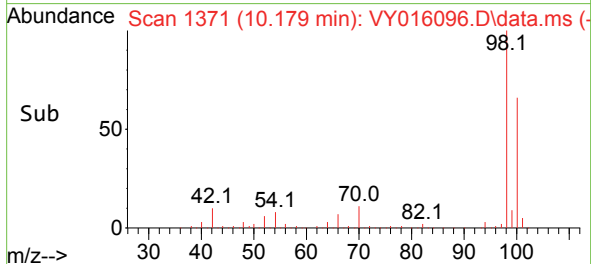
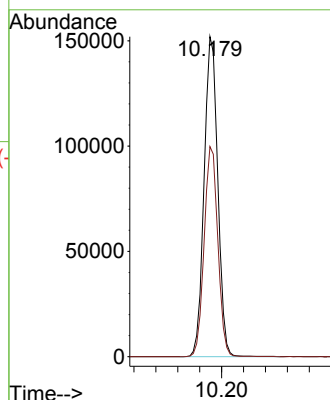
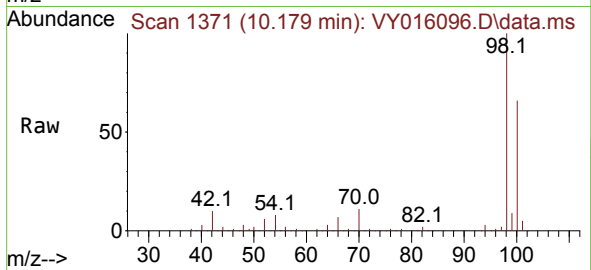




#50
Toluene-d8
Concen: 49.780 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

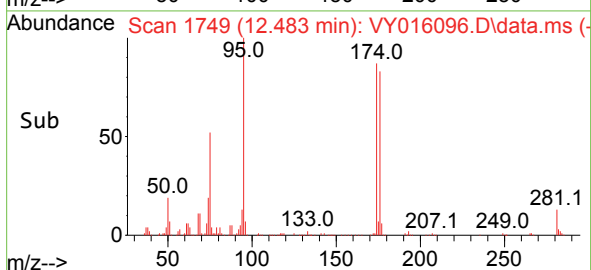
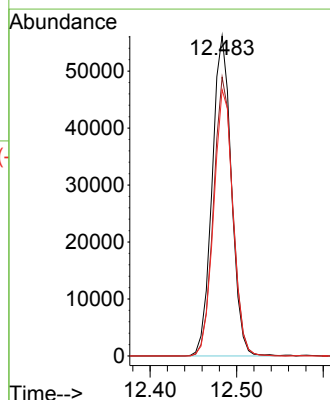
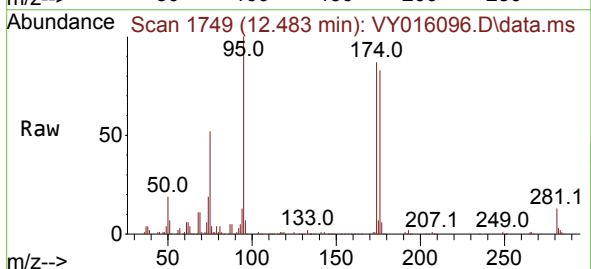
Instrument :
MSVOA_Y
ClientSampleId :

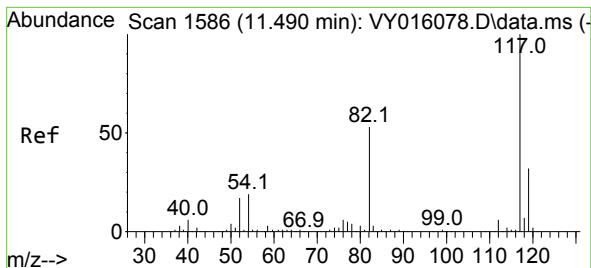
Tgt Ion: 98 Resp: 262219
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

Tgt Ion: 95 Resp: 86736
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 83.5 0.0 173.8

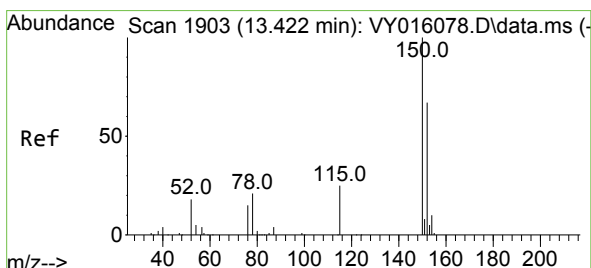
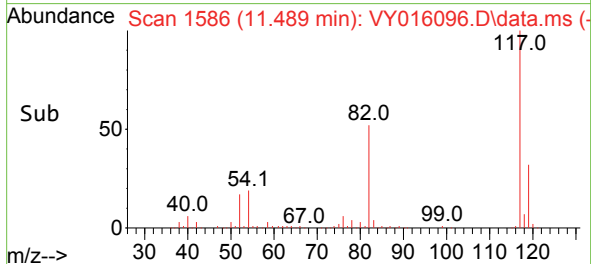
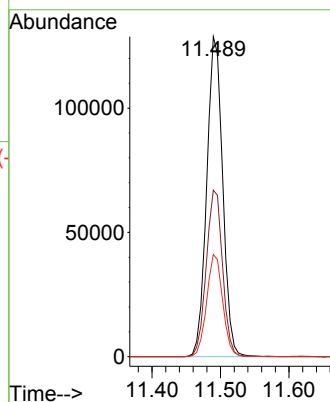
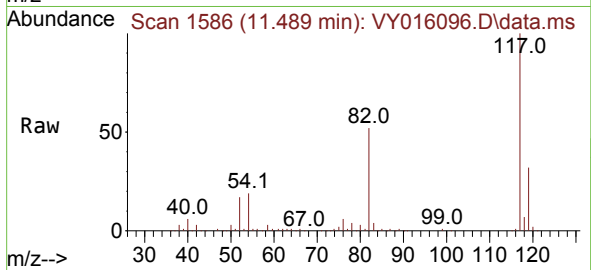




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

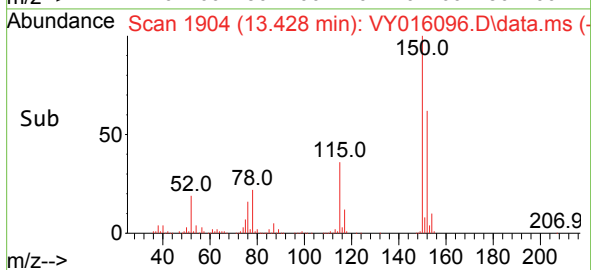
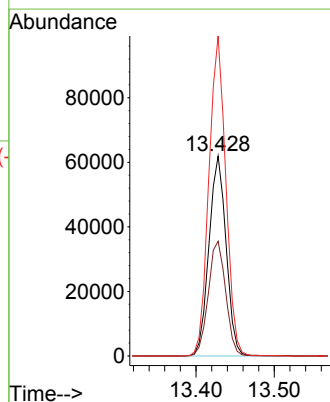
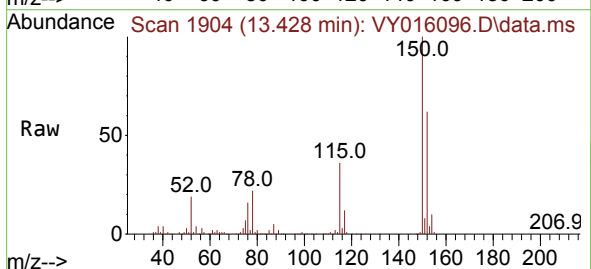
Instrument :
MSVOA_Y
ClientSampleId :

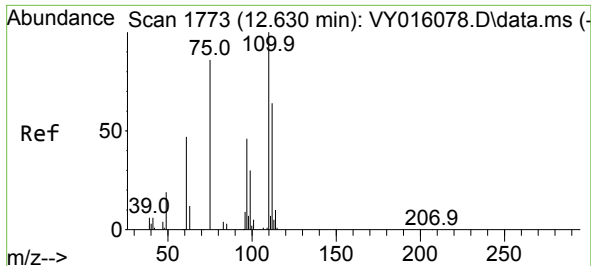
Tgt Ion:117 Resp: 208794
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

Tgt Ion:152 Resp: 94062
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 157.7 0.0 348.8

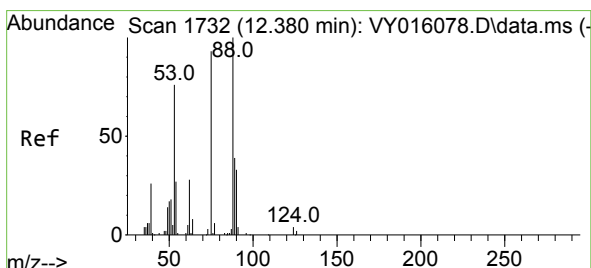
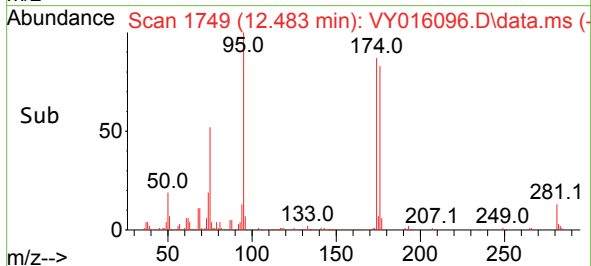
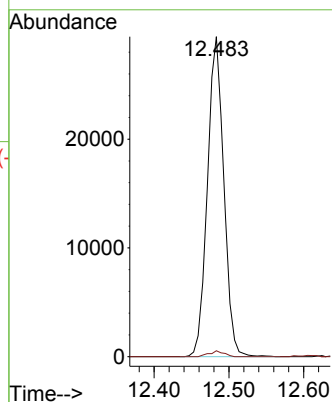
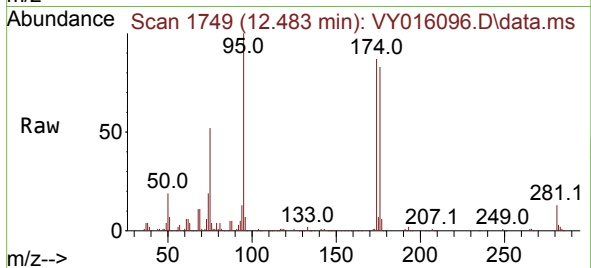




#76
1,2,3-Trichloropropane
Concen: 46.658 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 44807
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.392 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY016096.D
Acq: 27 Oct 2023 10:55

Tgt Ion: 75 Resp: 44807
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.4 37.4 56.0#

