

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015496.D
 Acq On : 11 Sep 2023 18:51
 Operator : SY/MD
 Sample : 04374-05
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:21:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

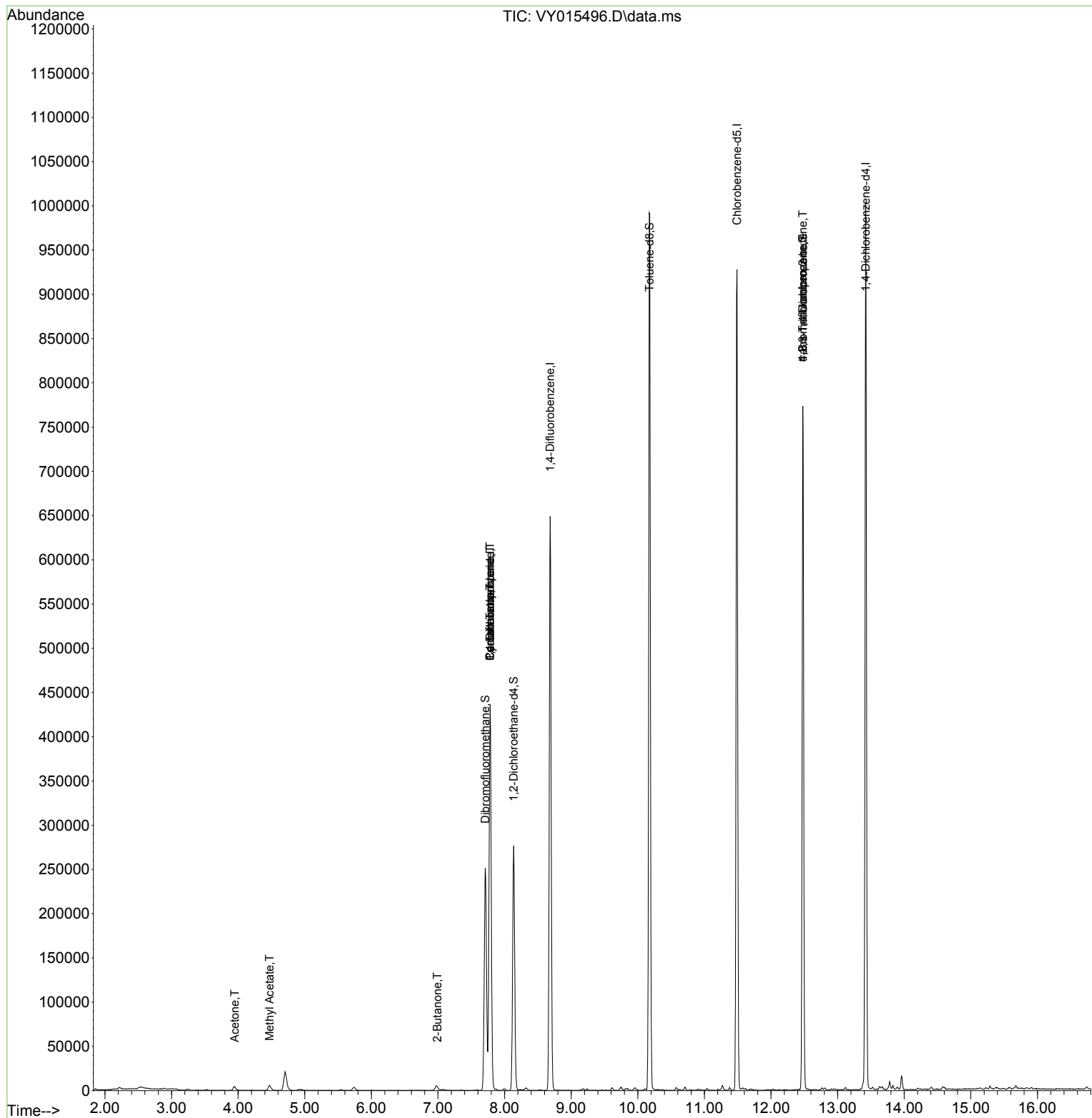
Internal Standards						
1) Pentafluorobenzene	7.783	168	340869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	561957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	506850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	247389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	214635	58.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.480%	
35) Dibromofluoromethane	7.710	113	176747	54.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.179	98	660336	56.336	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.477	95	230125	52.885	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1370	Below Cal	#	89
16) Acetone	3.948	43	7403	4.854	ug/l	98
18) Methyl Acetate	4.472	43	10494	1.900	ug/l	95
20) Methylene Chloride	4.704	84	15543	Below Cal		91
25) 2-Butanone	6.990	43	2331	1.078	ug/l #	87
31) Cyclohexane	7.783	56	7046	1.086	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	25484	4.484	ug/l #	50
38) Carbon Tetrachloride	7.783	117	33571	5.719	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	123648	37.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	123648	83.141	ug/l #	11

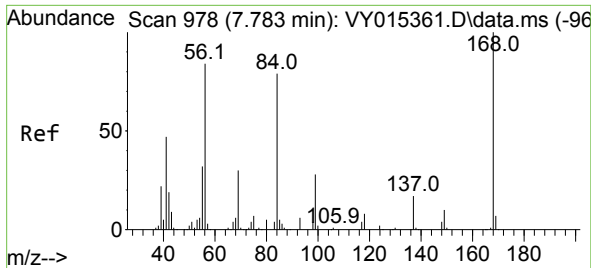
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
Data File : VY015496.D
Acq On : 11 Sep 2023 18:51
Operator : SY/MD
Sample : 04374-05
Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 12 01:21:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

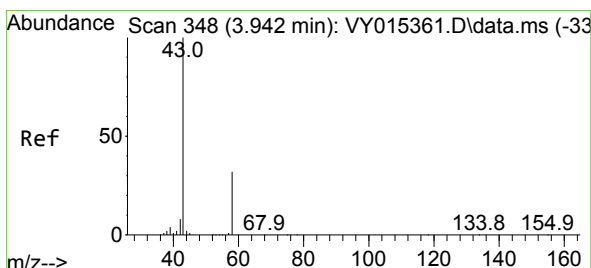
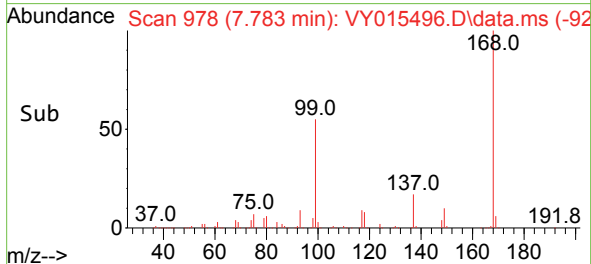
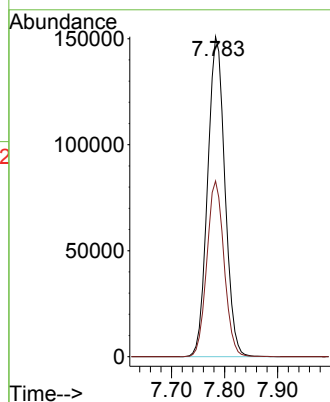
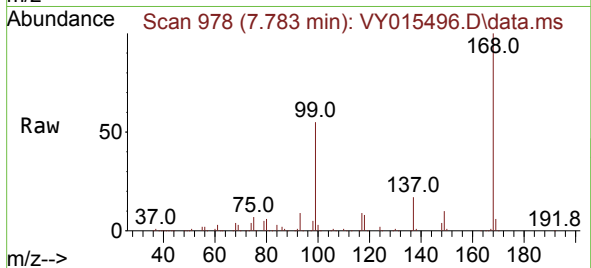




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

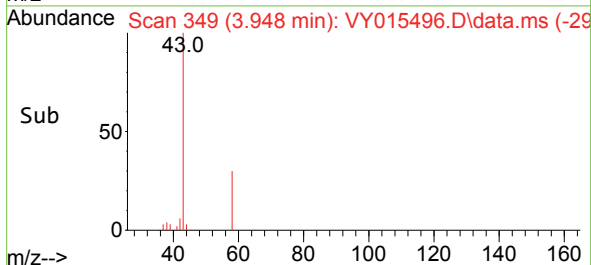
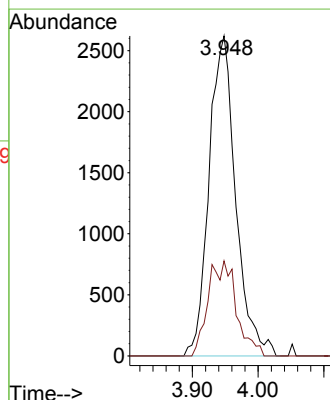
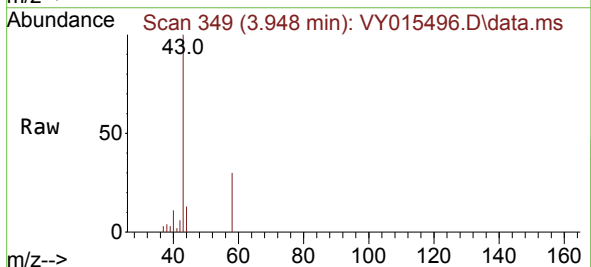
Instrument :
MSVOA_Y
ClientSampleId :

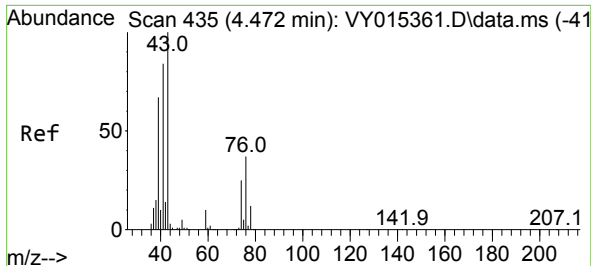
Tgt Ion:168 Resp: 340869
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#16
Acetone
Concen: 4.854 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

Tgt Ion: 43 Resp: 7403
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1

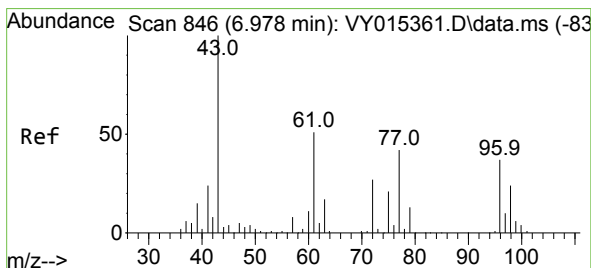
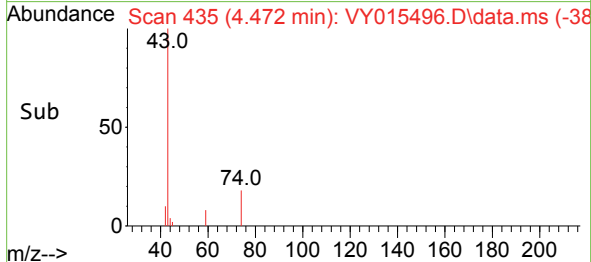
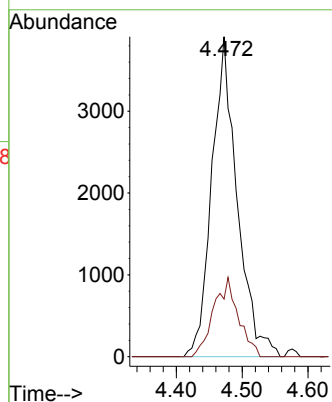
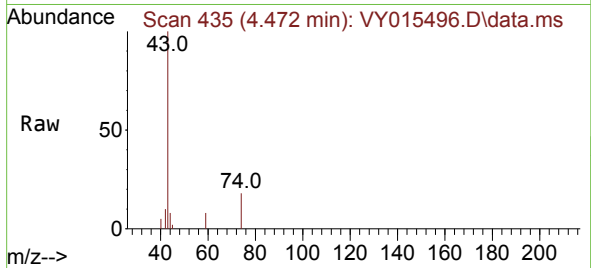




#18
Methyl Acetate
Concen: 1.900 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

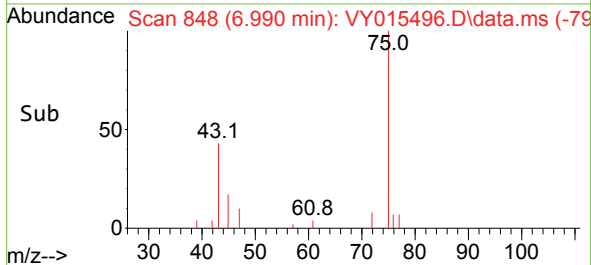
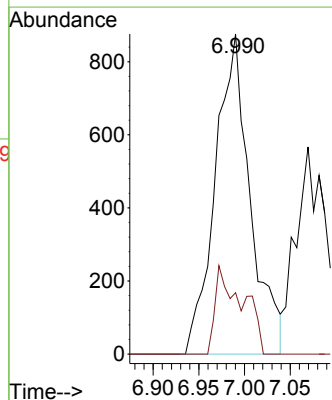
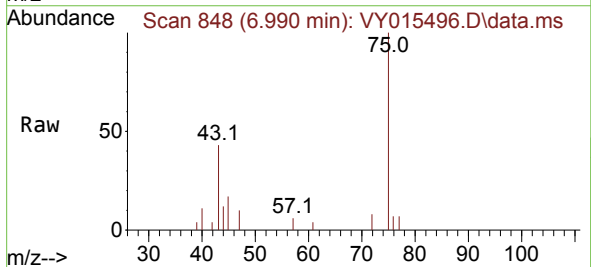
Instrument :
MSVOA_Y
ClientSampleId :

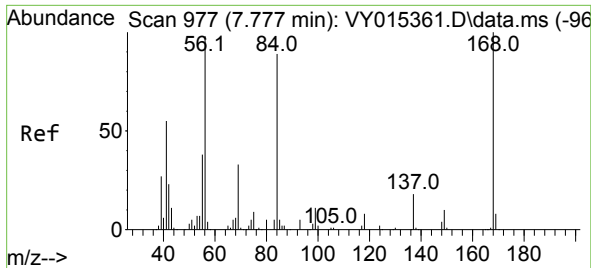
Tgt Ion: 43 Resp: 10494
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



#25
2-Butanone
Concen: 1.078 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

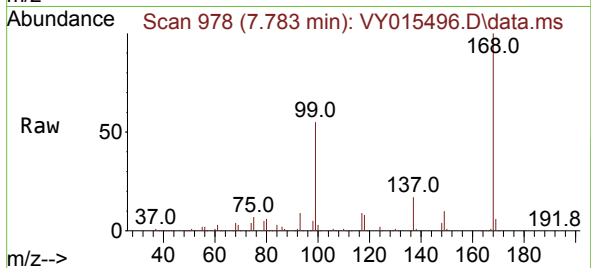
Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
72 19.2 20.5 30.7#



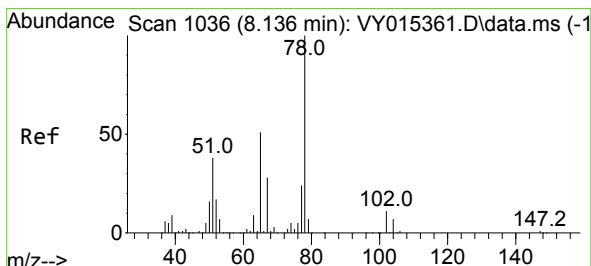
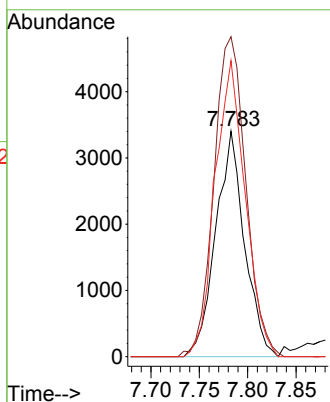
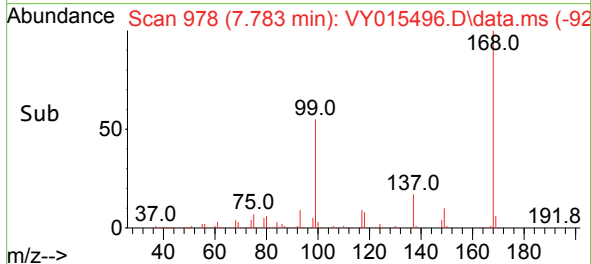


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

Instrument :
MSVOA_Y
ClientSampleId :

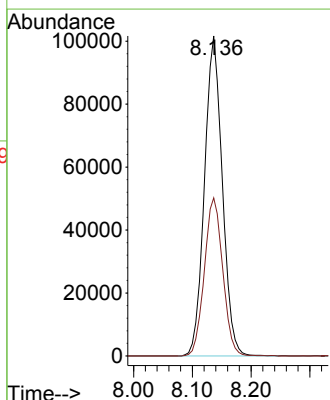
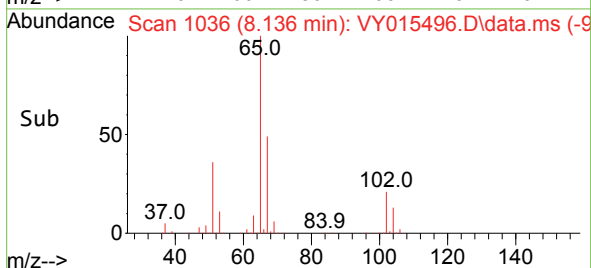
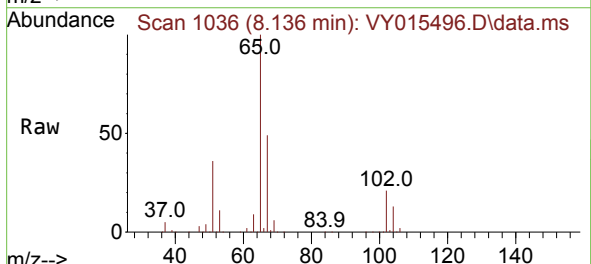


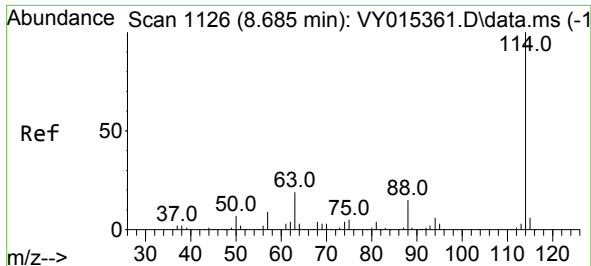
Tgt Ion: 56 Resp: 7046
Ion Ratio Lower Upper
56 100
69 142.0 27.8 41.6#
84 131.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.739 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

Tgt Ion: 65 Resp: 214635
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

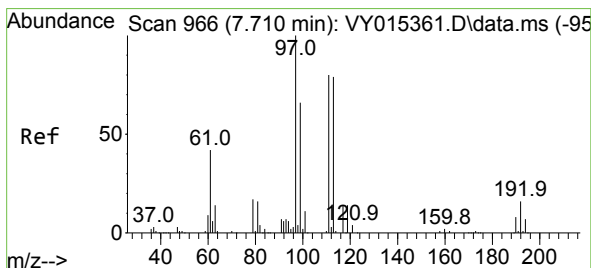
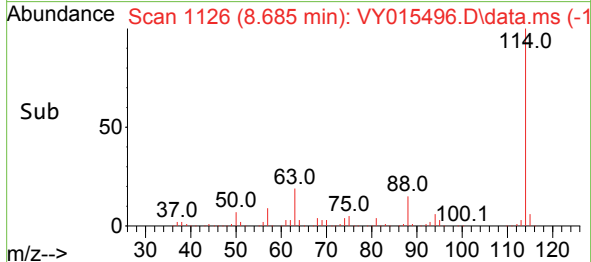
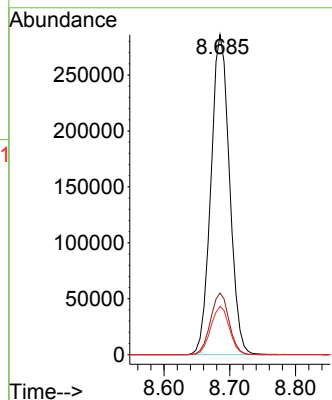
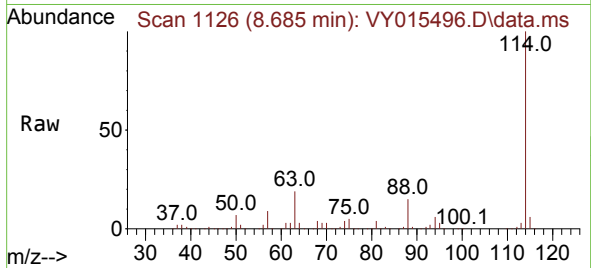




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

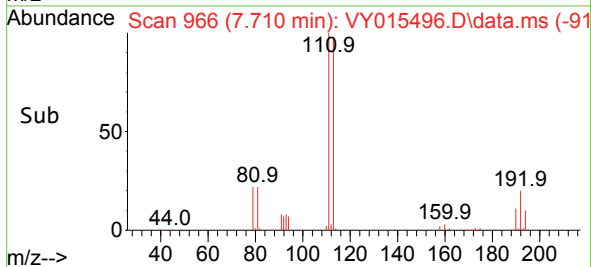
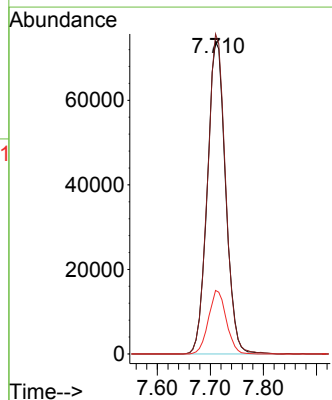
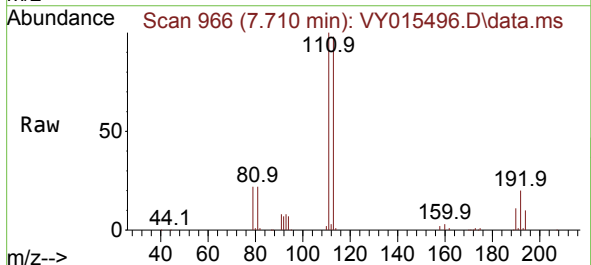
Instrument :
MSVOA_Y
ClientSampleId :

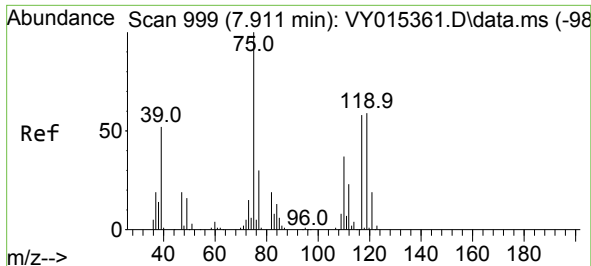
Tgt Ion:114 Resp: 561957
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.606 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

Tgt Ion:113 Resp: 176747
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.8 16.9 25.3

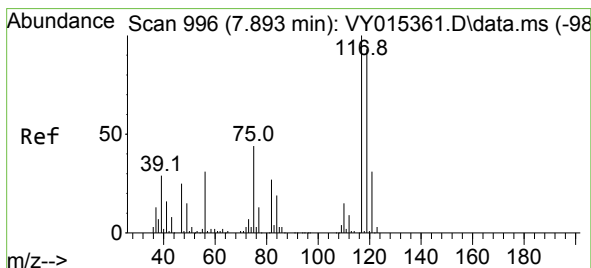
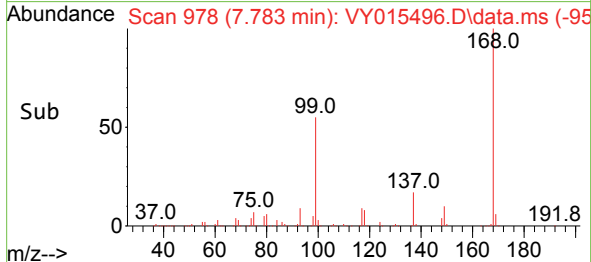
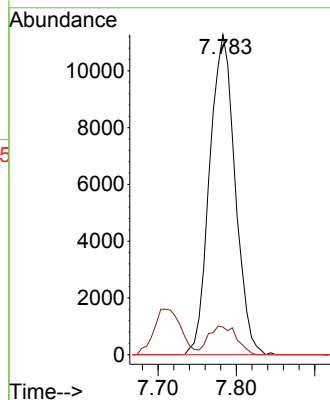
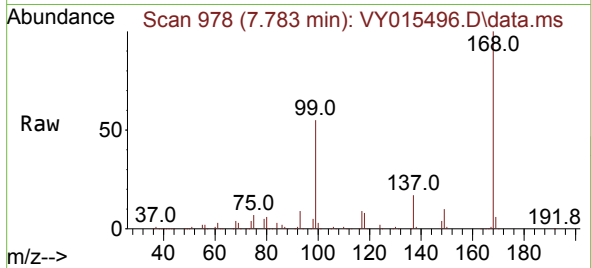




#36
1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

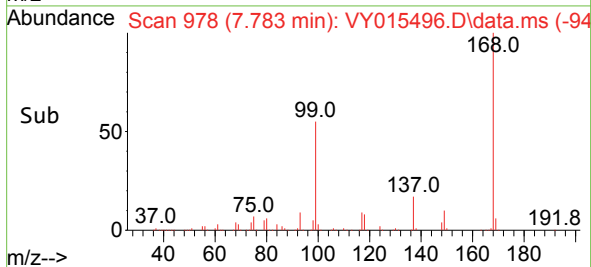
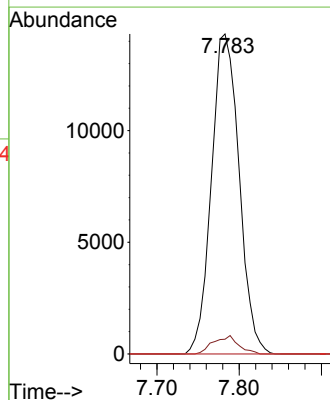
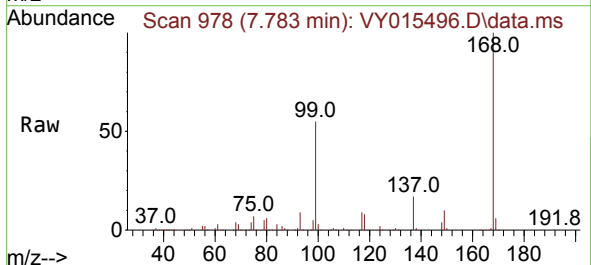
Instrument :
MSVOA_Y
ClientSampleId :

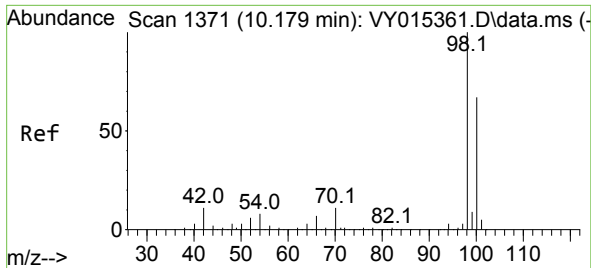
Tgt Ion: 75 Resp: 25484
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

Tgt Ion: 117 Resp: 33571
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

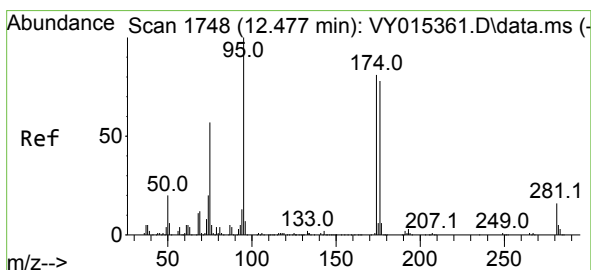
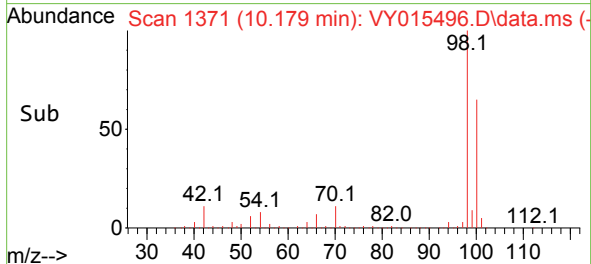
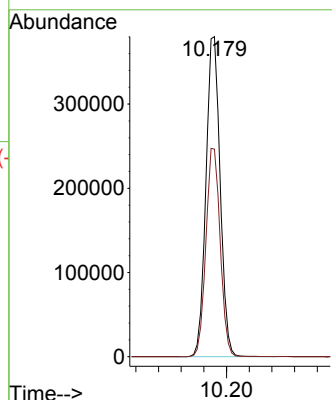
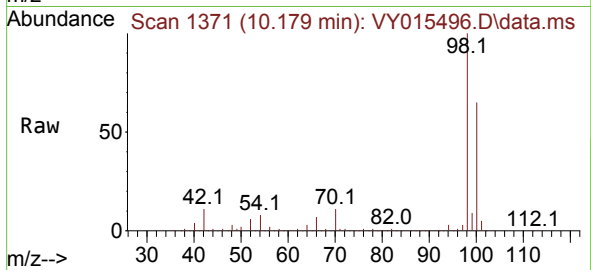




#50
Toluene-d8
Concen: 56.336 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

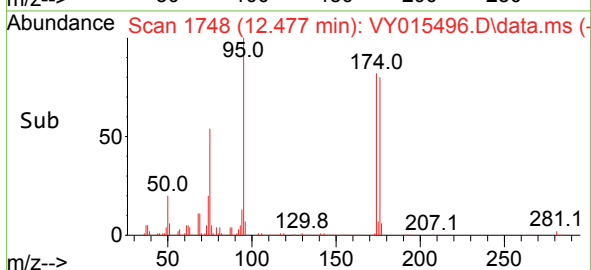
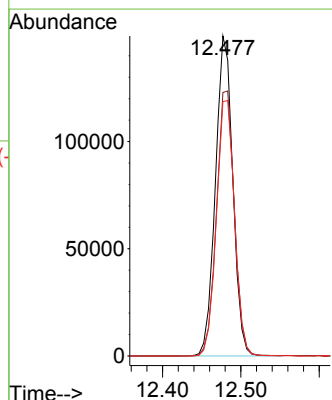
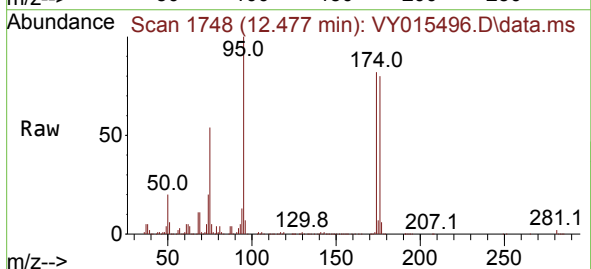
Instrument :
MSVOA_Y
ClientSampleId :

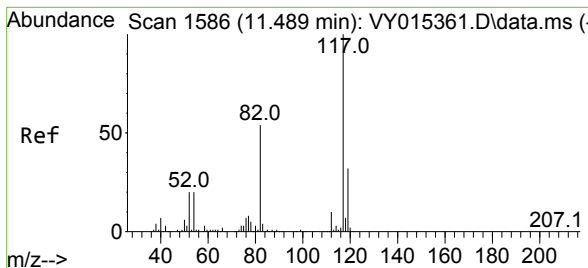
Tgt Ion: 98 Resp: 660336
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.885 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

Tgt Ion: 95 Resp: 230125
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.4 0.0 173.8

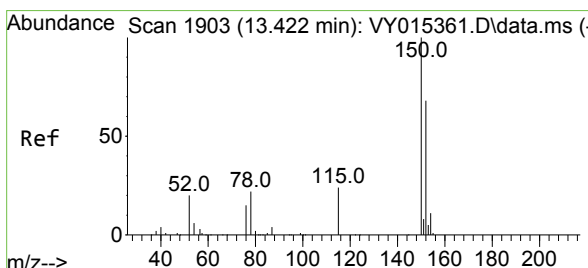
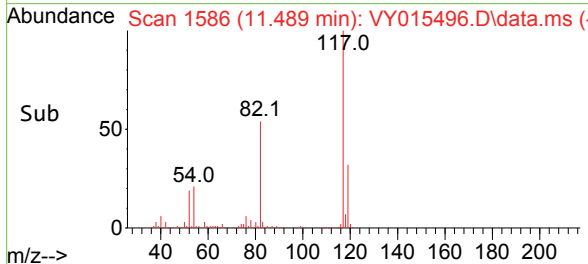
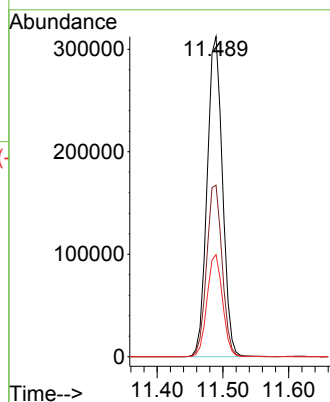
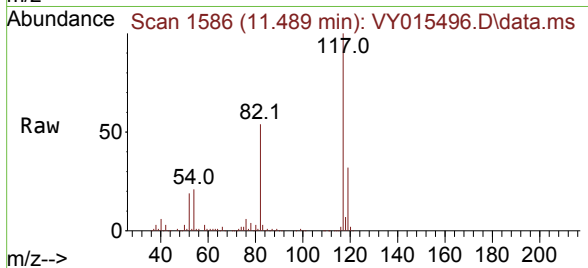




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

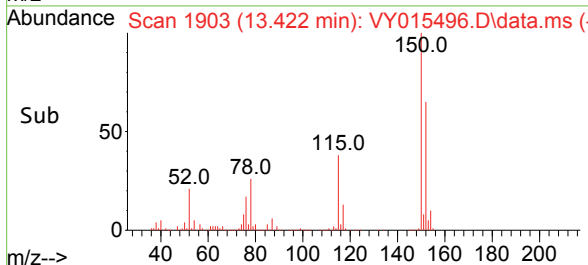
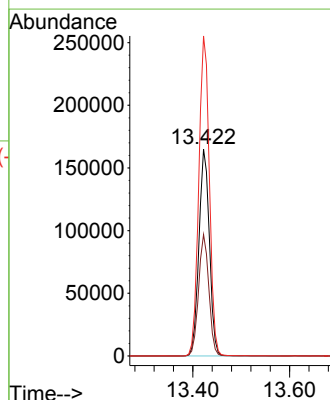
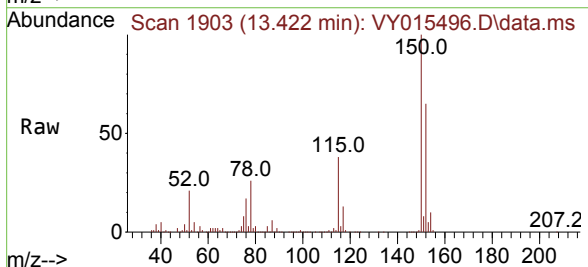
Instrument :
MSVOA_Y
ClientSampleId :

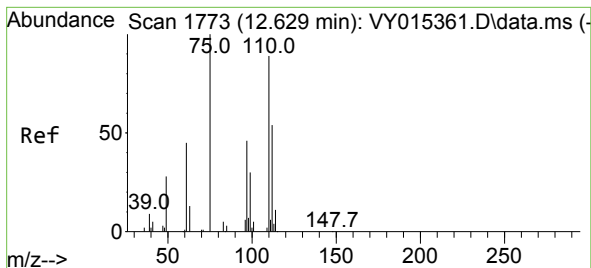
Tgt Ion:117 Resp: 506850
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015496.D
Acq: 11 Sep 2023 18:51

Tgt Ion:152 Resp: 247389
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 156.4 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 37.690 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015496.D

Acq: 11 Sep 2023 18:51

Instrument :

MSVOA_Y

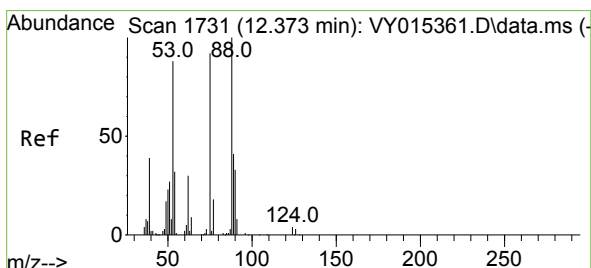
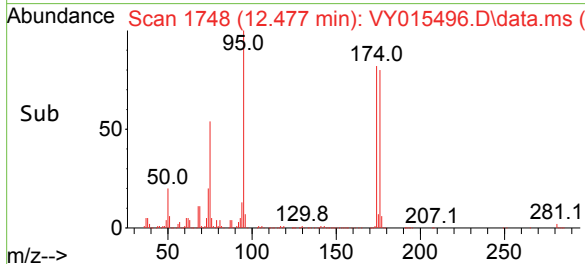
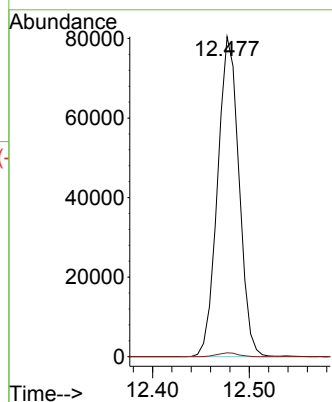
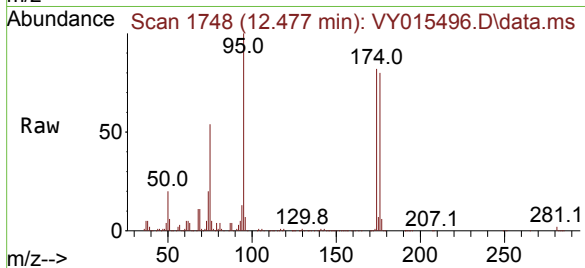
ClientSampleId :

Tgt Ion: 75 Resp: 123648

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.141 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY015496.D

Acq: 11 Sep 2023 18:51

Tgt Ion: 75 Resp: 123648

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

