

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015513.D
 Acq On : 12 Sep 2023 17:22
 Operator : SY/MD
 Sample : 04351-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:55:01 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)

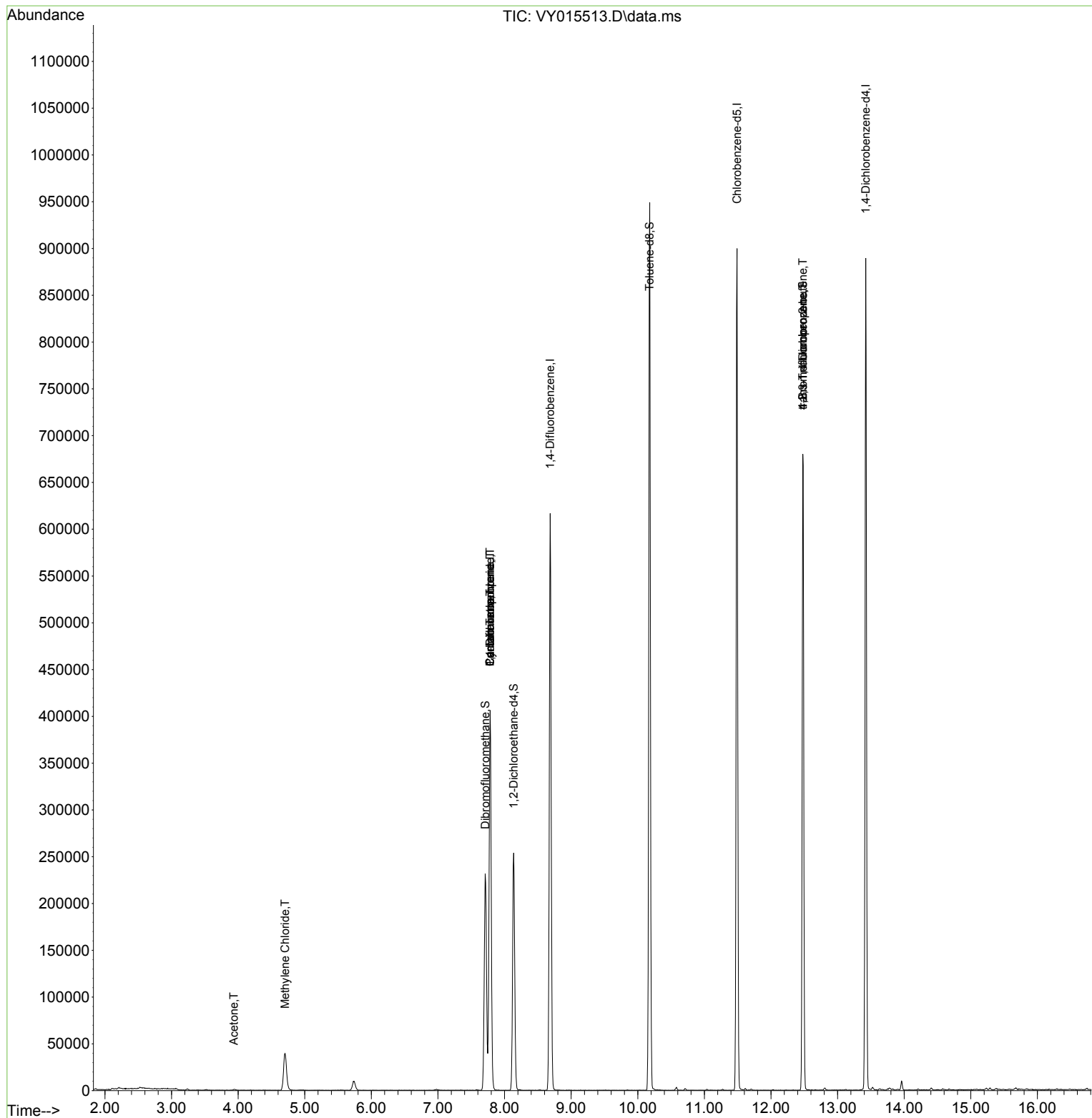
Internal Standards						
1) Pentafluorobenzene	7.783	168	312109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	473246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	198551	59.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.680%	
35) Dibromofluoromethane	7.710	113	162783	54.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.179	98	613854	56.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.520%	
62) 4-Bromofluorobenzene	12.477	95	209525	51.726	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	326	Below Cal	#	89
16) Acetone	3.936	43	1555	1.113	ug/l	92
20) Methylene Chloride	4.704	84	31320	1.066	ug/l	91
31) Cyclohexane	7.783	56	6508	1.095	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	23415	4.426	ug/l #	50
38) Carbon Tetrachloride	7.783	117	30654	5.610	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	111173	37.674	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	111173	83.105	ug/l #	10

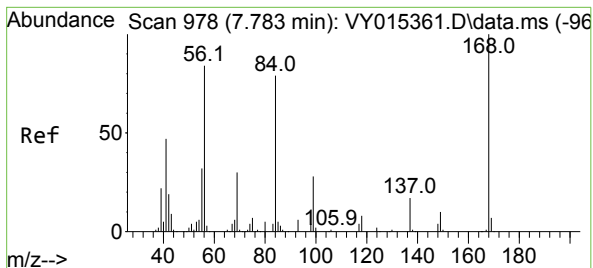
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015513.D

Acq: 12 Sep 2023 17:22

Instrument :

MSVOA_Y

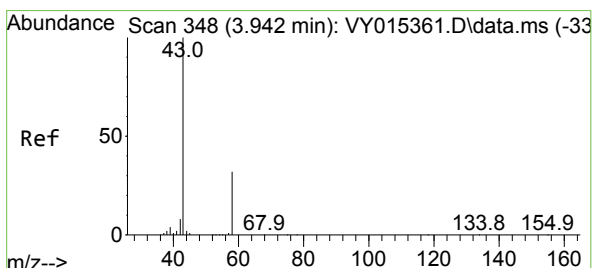
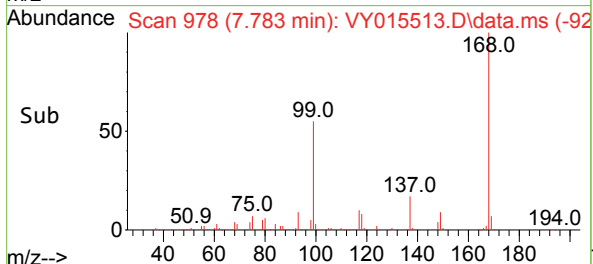
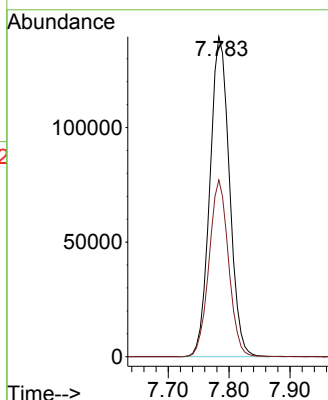
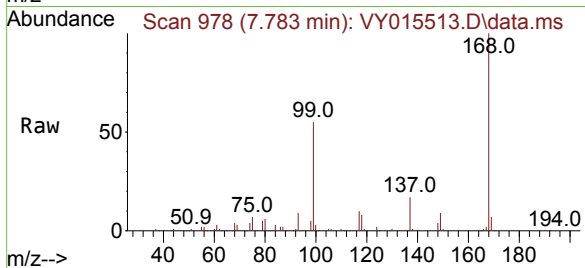
ClientSampleId :

Tgt Ion:168 Resp: 312109

Ion Ratio Lower Upper

168 100

99 55.3 43.4 65.0



#16

Acetone

Concen: 1.113 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY015513.D

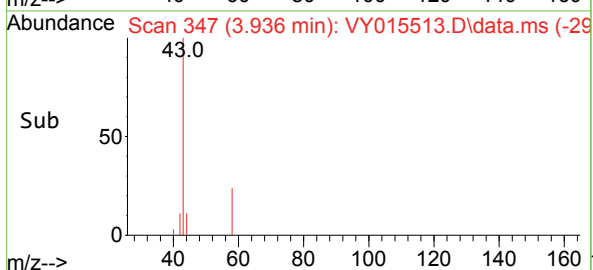
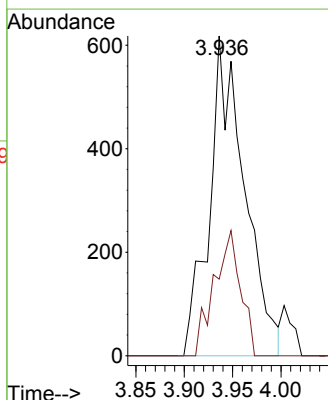
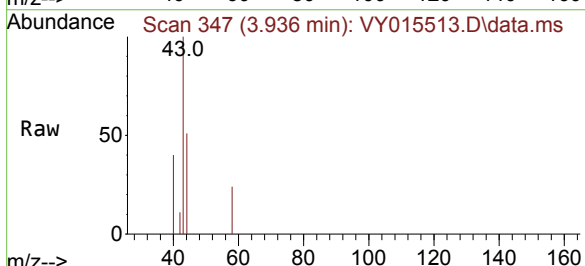
Acq: 12 Sep 2023 17:22

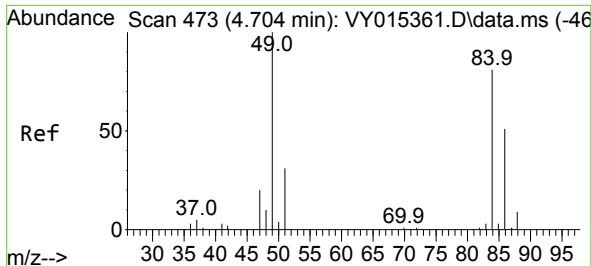
Tgt Ion: 43 Resp: 1555

Ion Ratio Lower Upper

43 100

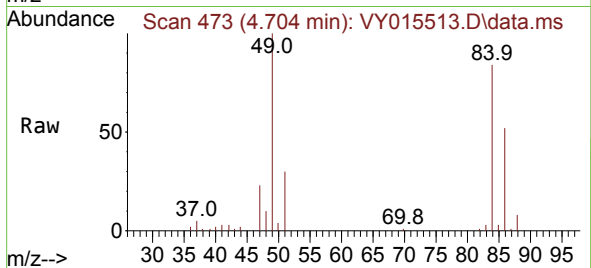
58 23.9 22.7 34.1



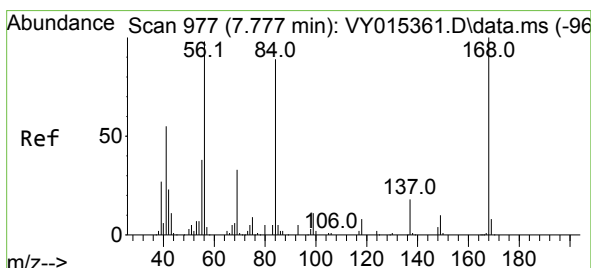
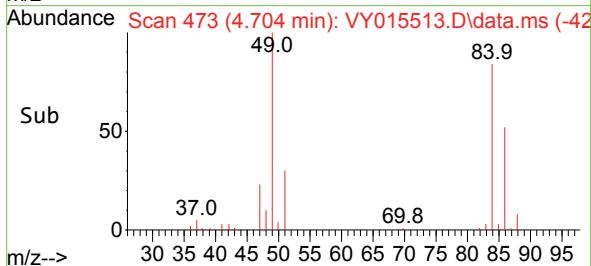
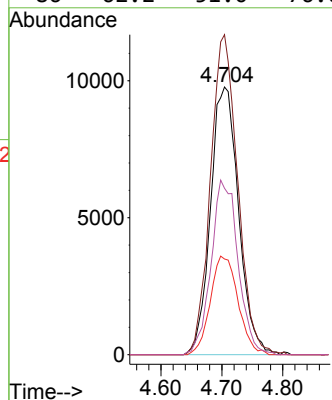


#20
Methylene Chloride
Concen: 1.066 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :

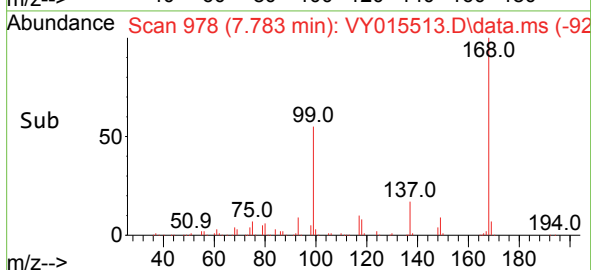
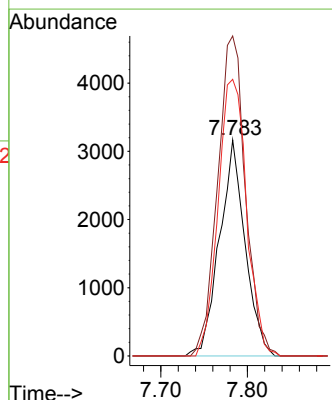
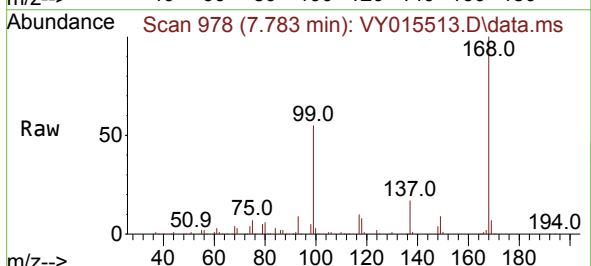


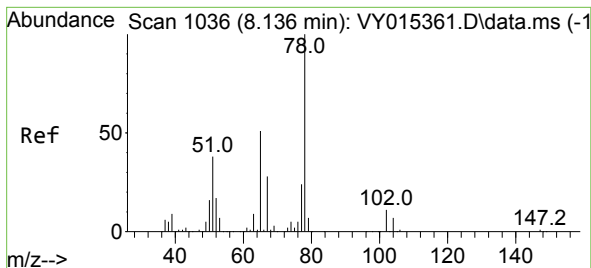
Tgt Ion:	84	Resp:	31320
Ion	Ratio	Lower	Upper
84	100		
49	119.6	106.9	160.3
51	35.7	33.2	49.8
86	62.2	51.0	76.6



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

Tgt Ion:	56	Resp:	6508
Ion	Ratio	Lower	Upper
56	100		
69	148.2	27.8	41.6#
84	128.1	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.344 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015513.D

Acq: 12 Sep 2023 17:22

Instrument :

MSVOA_Y

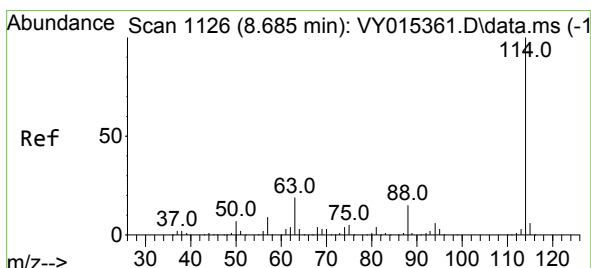
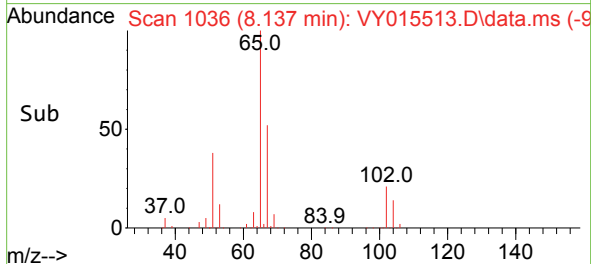
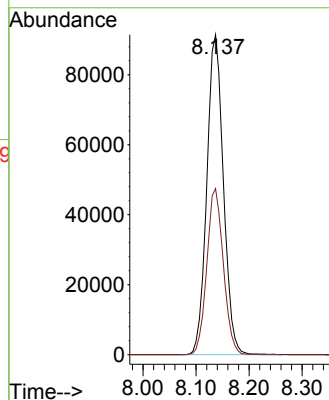
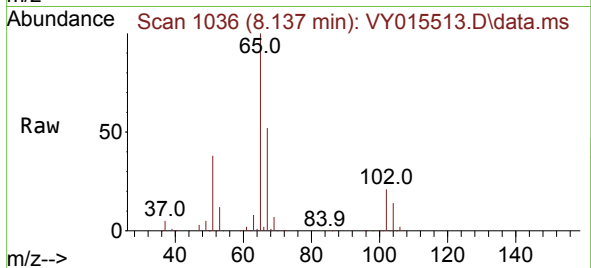
ClientSampleId :

Tgt Ion: 65 Resp: 198551

Ion Ratio Lower Upper

65 100

67 51.7 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: VY015513.D

Acq: 12 Sep 2023 17:22

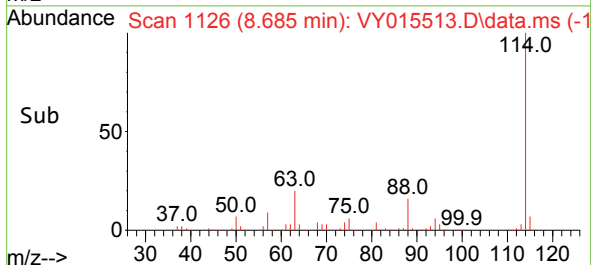
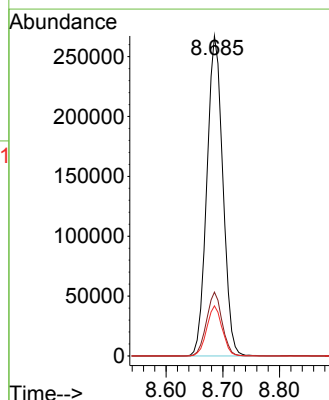
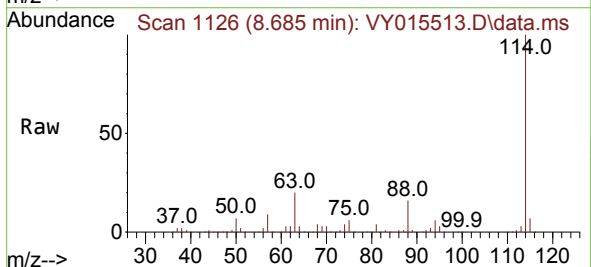
Tgt Ion:114 Resp: 523118

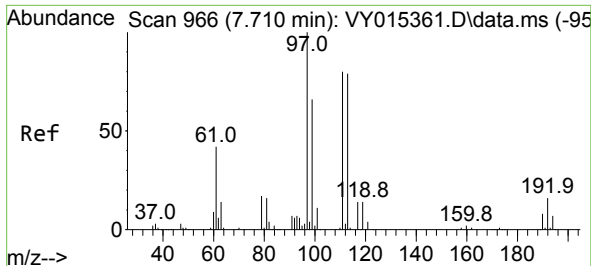
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

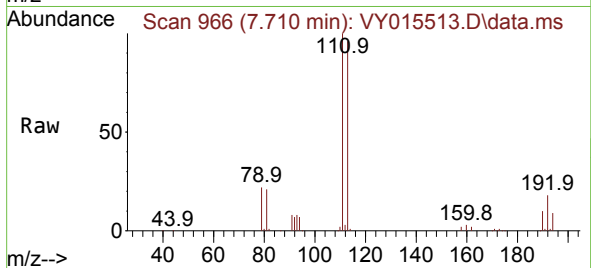
88 15.6 0.0 30.6



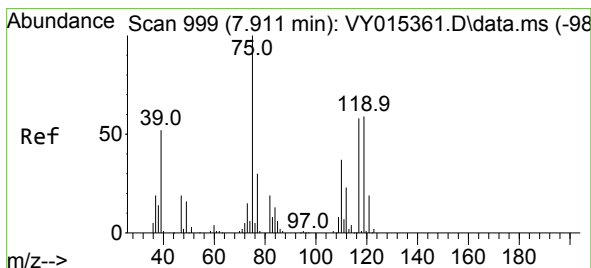
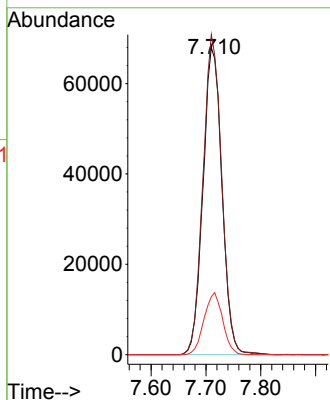
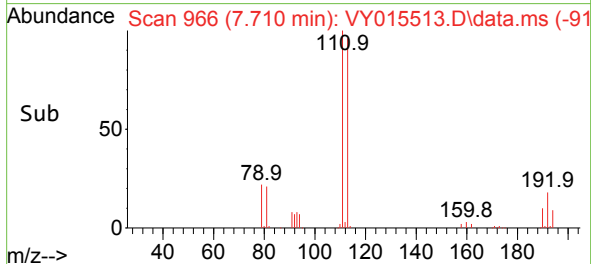


#35
Dibromofluoromethane
Concen: 54.026 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :

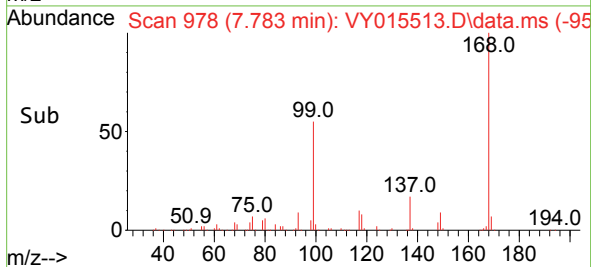
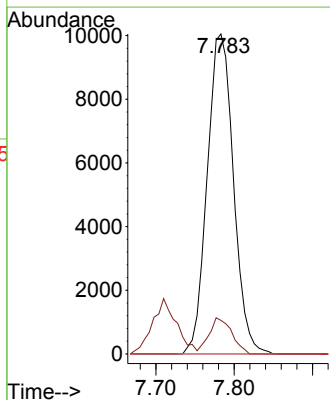
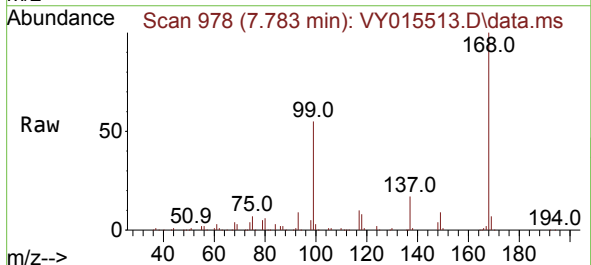


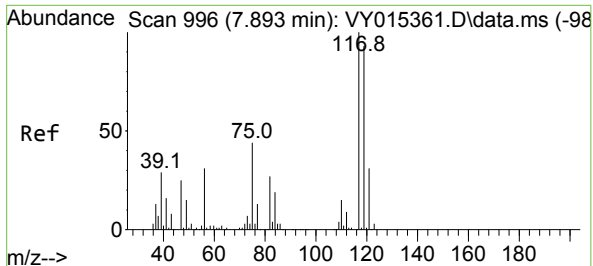
Tgt Ion:113 Resp: 162783
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

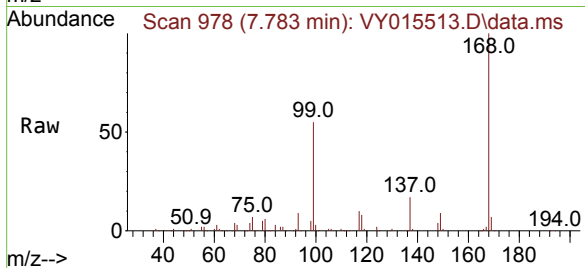
Tgt Ion: 75 Resp: 23415
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



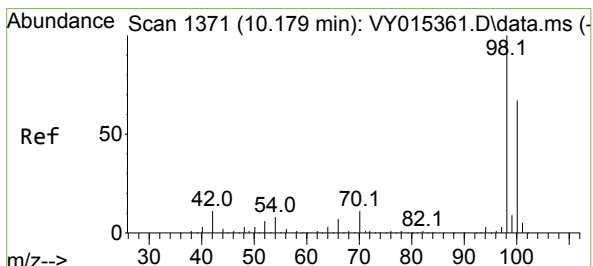
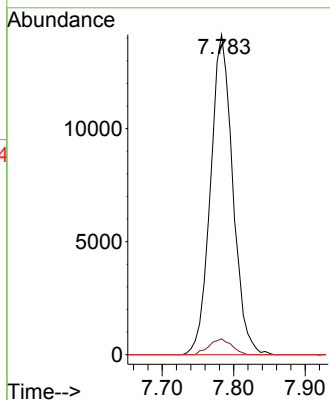
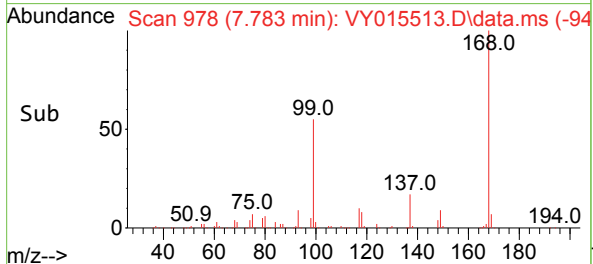


#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :

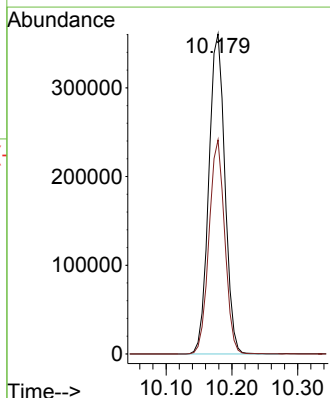
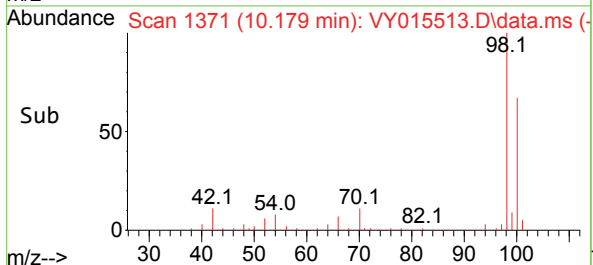
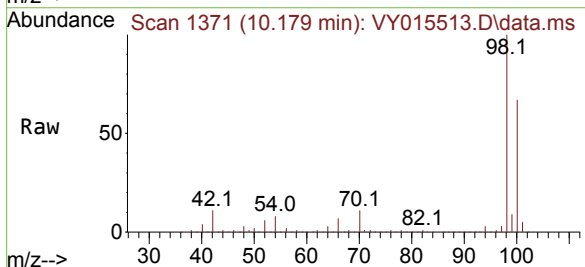


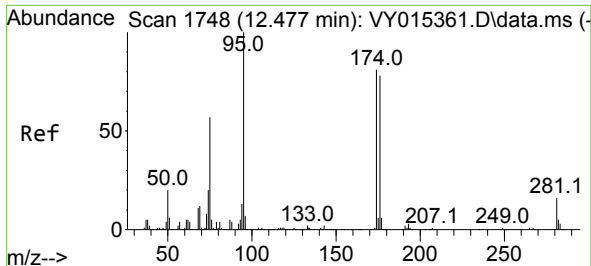
Tgt Ion:117 Resp: 30654
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.258 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

Tgt Ion: 98 Resp: 613854
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

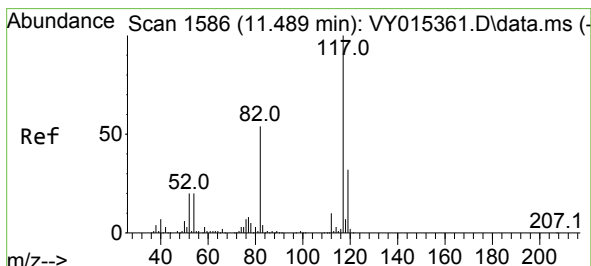
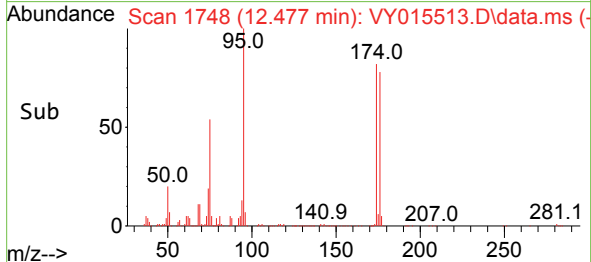
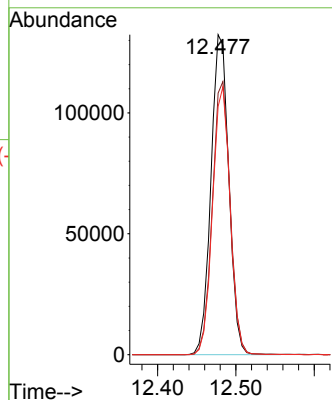
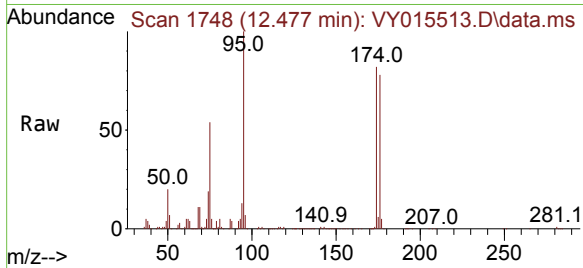




#62
4-Bromofluorobenzene
Concen: 51.726 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

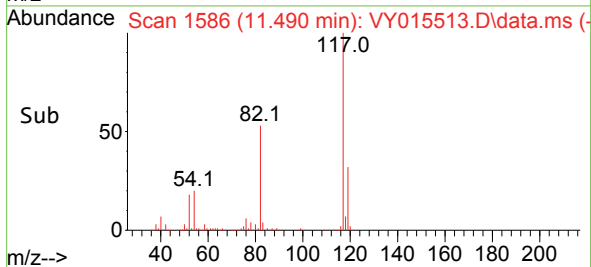
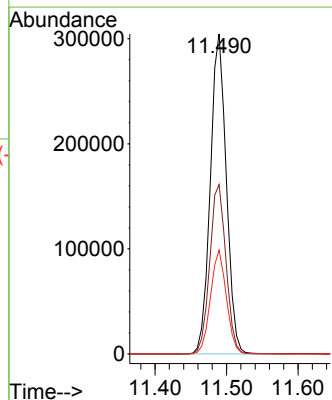
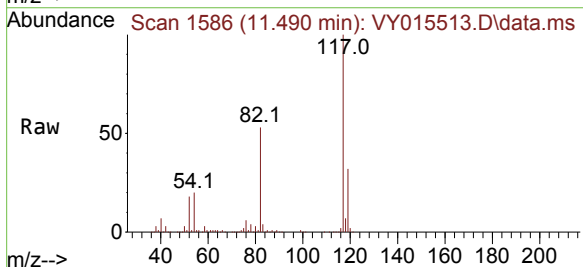
Instrument :
MSVOA_Y
ClientSampleId :

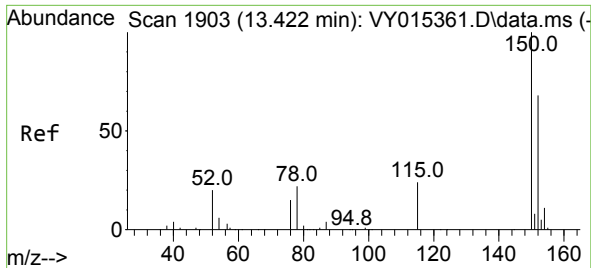
Tgt Ion: 95 Resp: 209525
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015513.D
Acq: 12 Sep 2023 17:22

Tgt Ion: 117 Resp: 473246
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.5 26.3 39.5

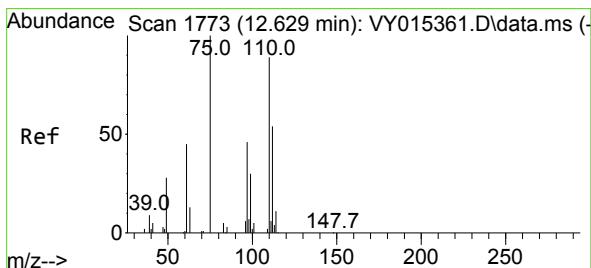
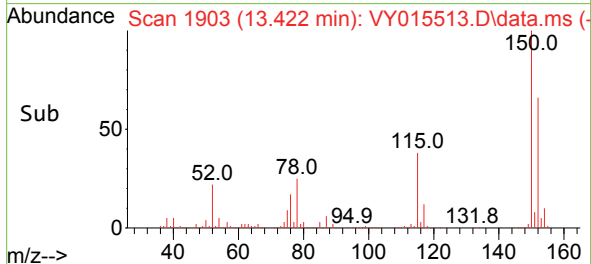
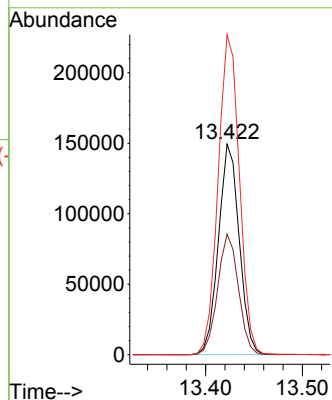
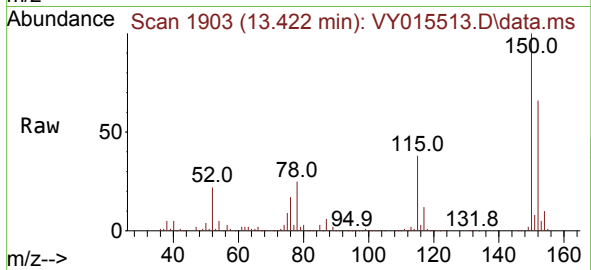




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015513.D
 Acq: 12 Sep 2023 17:22

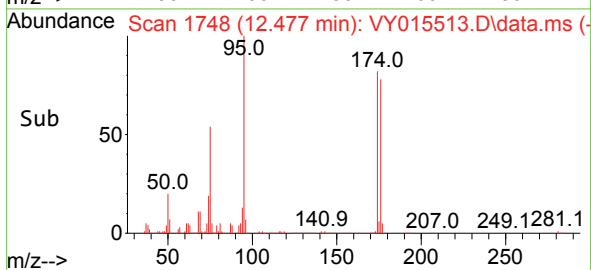
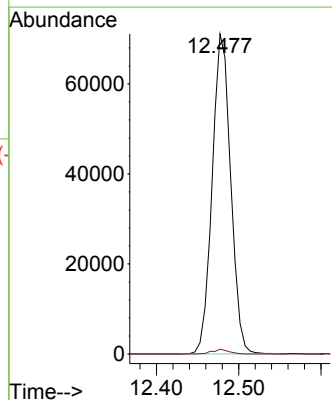
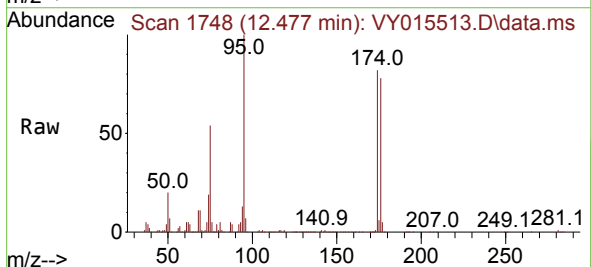
Instrument :
 MSVOA_Y
 ClientSampleId :

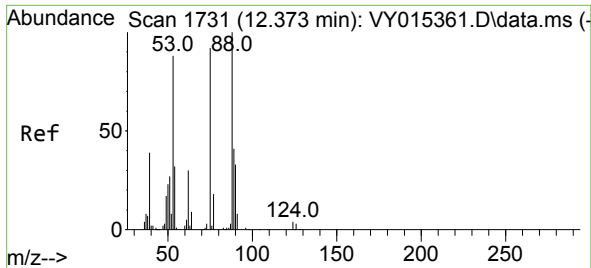
Tgt Ion:152 Resp: 222525
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.8 86.5
 150 156.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.674 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015513.D
 Acq: 12 Sep 2023 17:22

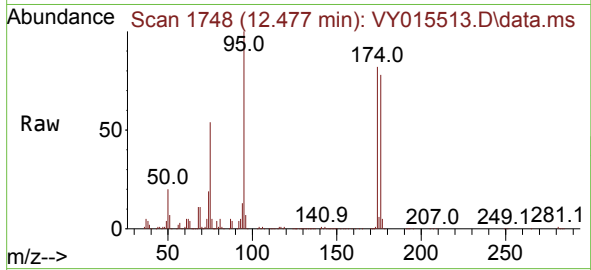
Tgt Ion: 75 Resp: 111173
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.105 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015513.D
 Acq: 12 Sep 2023 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 111173
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

