

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015597.D
 Acq On : 16 Sep 2023 03:10
 Operator : SY/MD
 Sample : 04419-09
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 05:29:07 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)

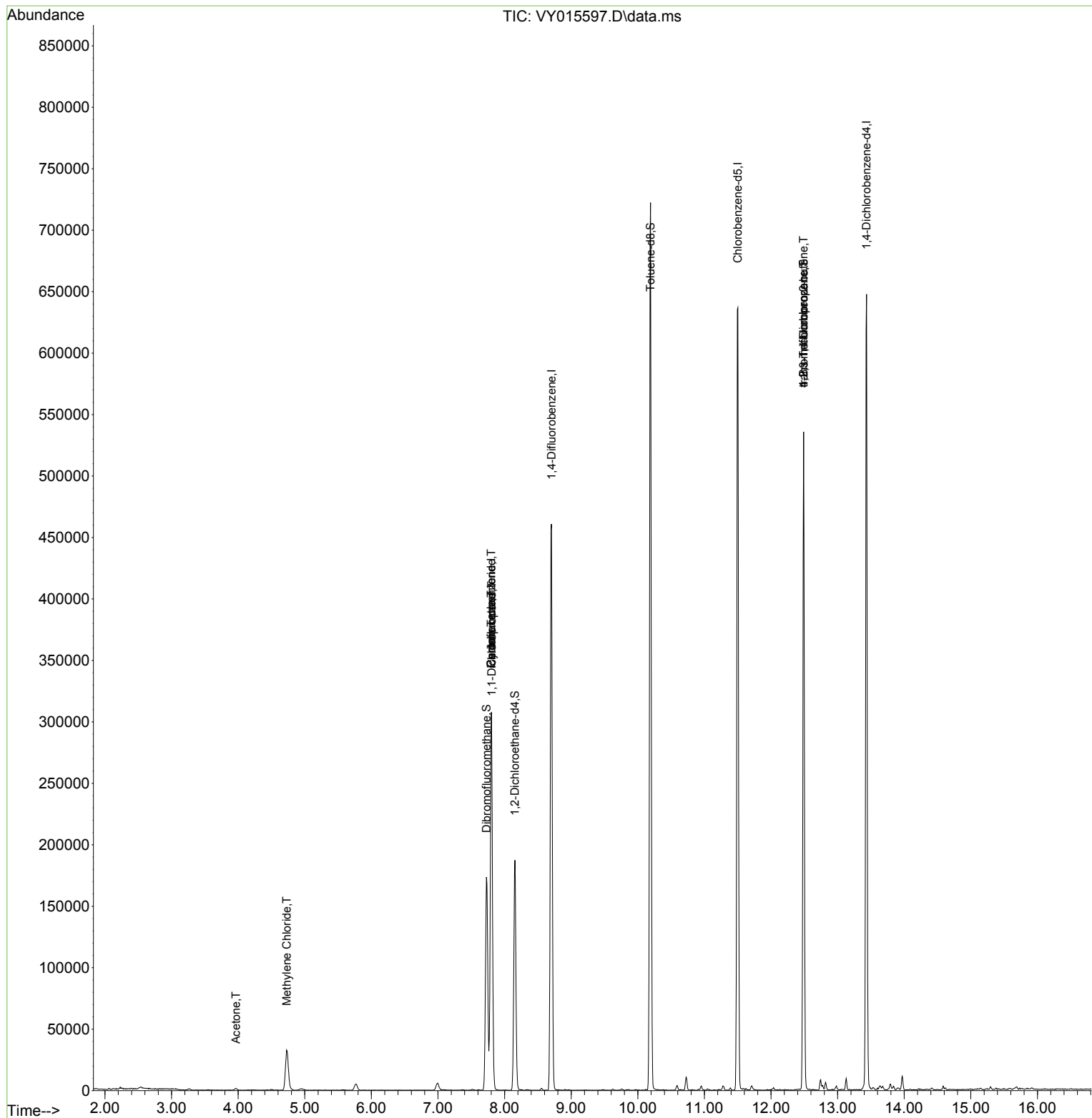
Internal Standards						
1) Pentafluorobenzene	7.801	168	239033	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	400119	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	360467	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	167689	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	144691	56.467	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.940%	
35) Dibromofluoromethane	7.728	113	124150	53.870	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.191	98	467782	56.050	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.100%	
62) 4-Bromofluorobenzene	12.489	95	157260	50.757	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1911	Below Cal	#	89
16) Acetone	3.966	43	2515	2.351	ug/l	98
20) Methylene Chloride	4.728	84	24668	1.281	ug/l	94
31) Cyclohexane	7.801	56	5123	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	18258	4.512	ug/l #	49
38) Carbon Tetrachloride	7.801	117	23535	5.631	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	84867	38.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	84867	84.186	ug/l #	10

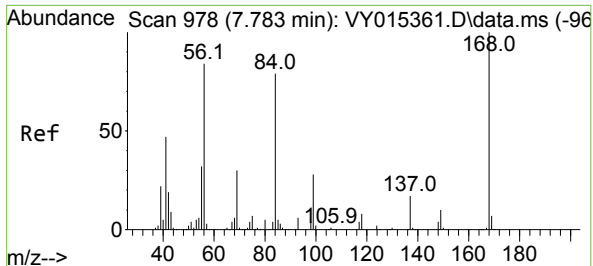
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

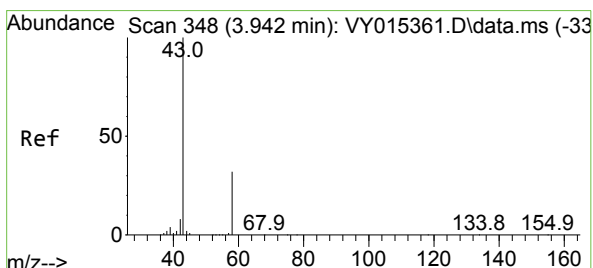
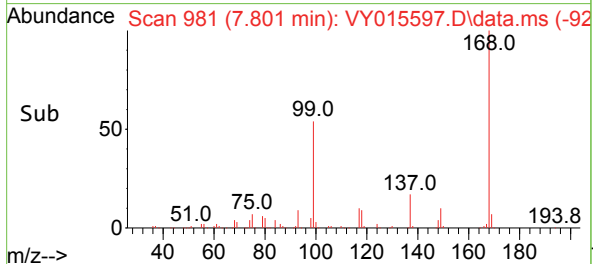
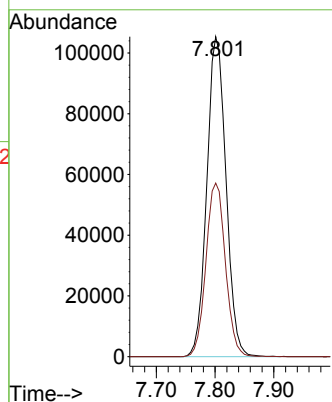
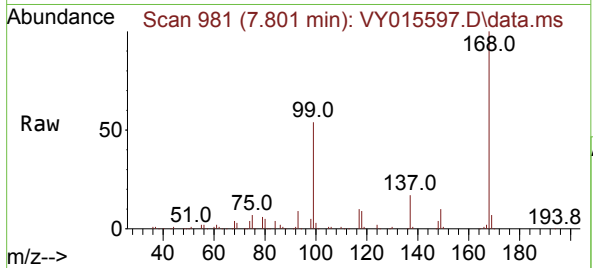




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

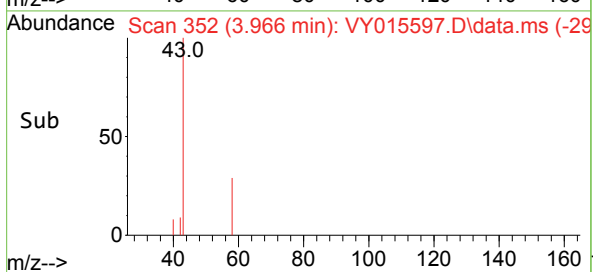
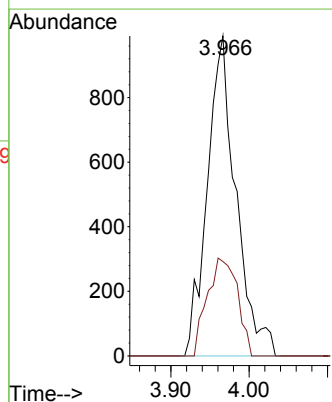
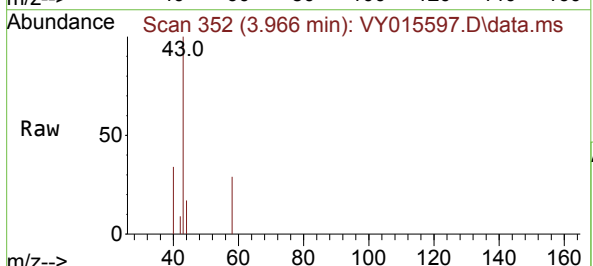
Instrument :
MSVOA_Y
ClientSampleId :

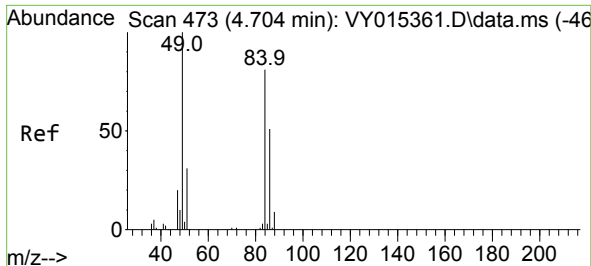
Tgt Ion:168 Resp: 239033
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 2.351 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

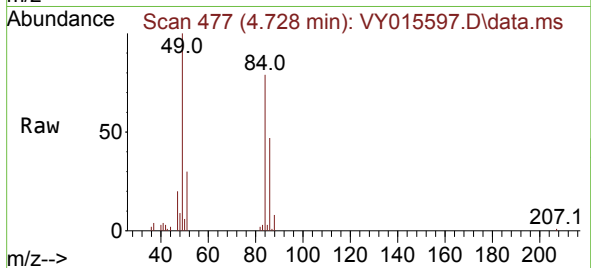
Tgt Ion: 43 Resp: 2515
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1



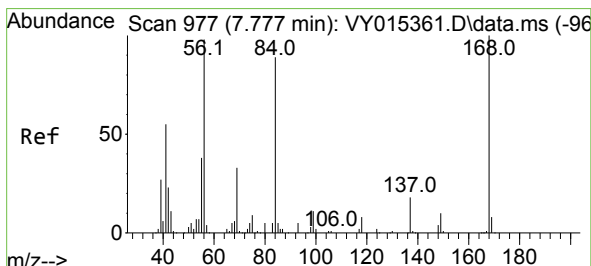
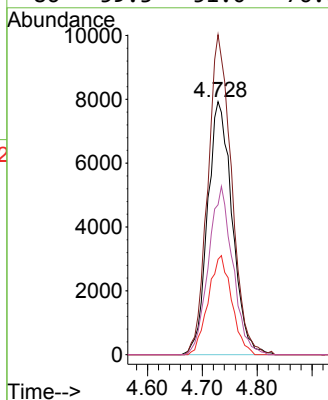
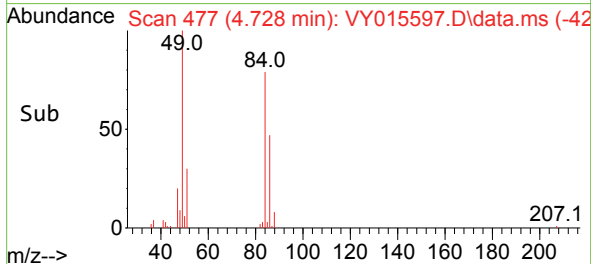


#20
Methylene Chloride
Concen: 1.281 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.024 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

Instrument :
MSVOA_Y
ClientSampleId :

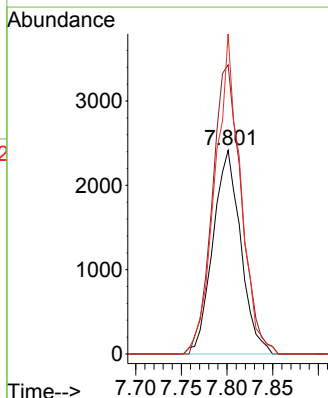
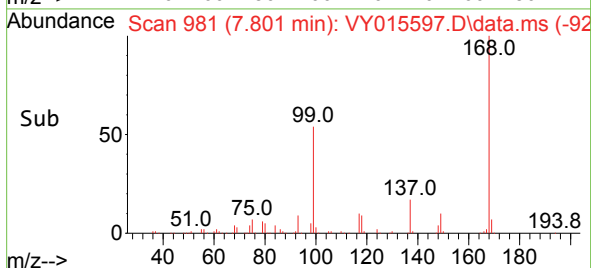
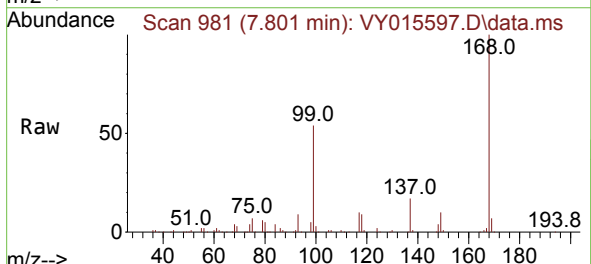


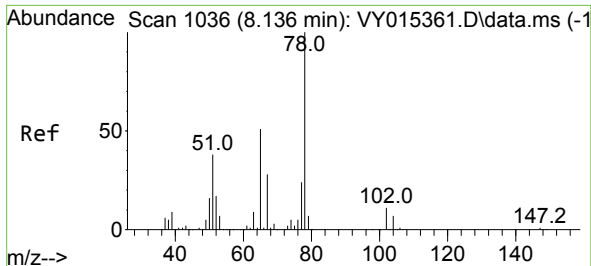
Tgt Ion:	84	Resp:	24668
Ion	Ratio	Lower	Upper
84	100		
49	126.5	106.9	160.3
51	37.7	33.2	49.8
86	59.3	51.0	76.6



#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

Tgt Ion:	56	Resp:	5123
Ion	Ratio	Lower	Upper
56	100		
69	141.9	27.8	41.6#
84	157.1	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.467 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY015597.D

Acq: 16 Sep 2023 03:10

Instrument :

MSVOA_Y

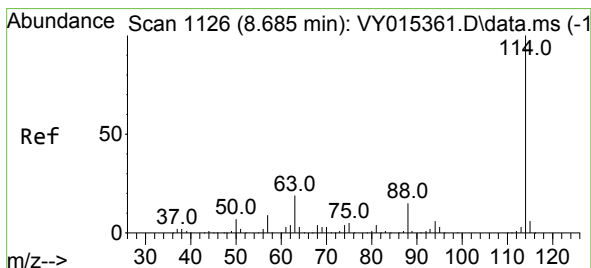
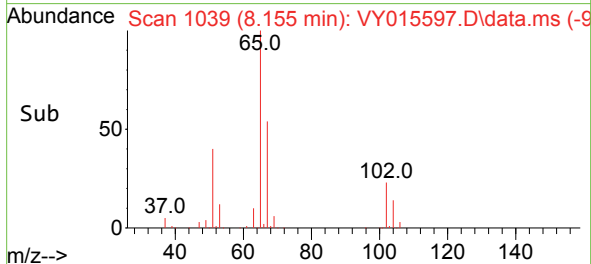
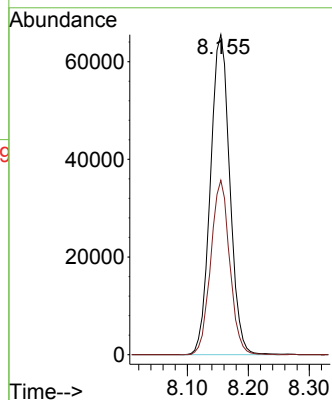
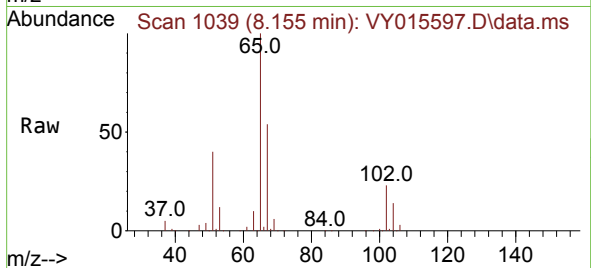
ClientSampleId :

Tgt Ion: 65 Resp: 144691

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VY015597.D

Acq: 16 Sep 2023 03:10

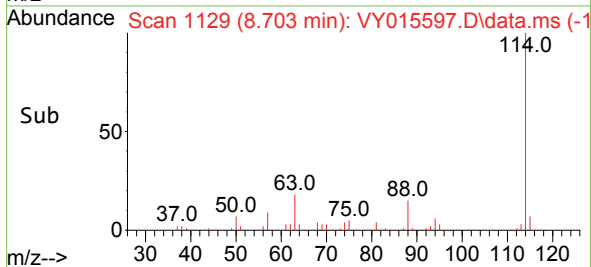
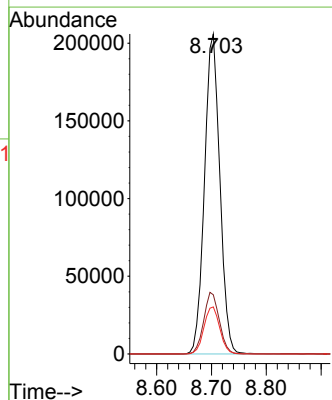
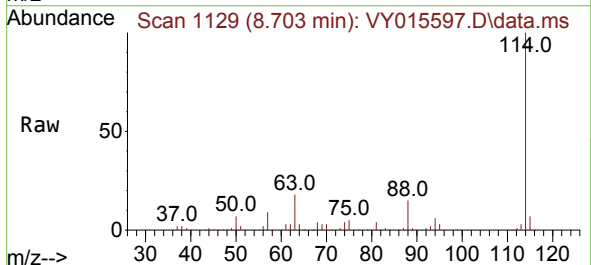
Tgt Ion: 114 Resp: 400119

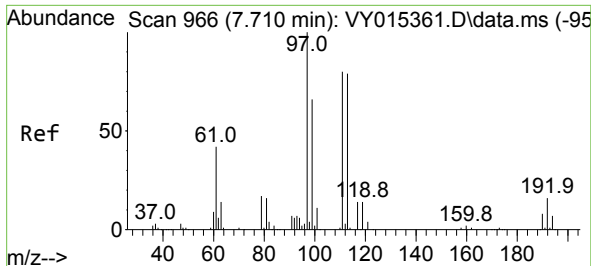
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6

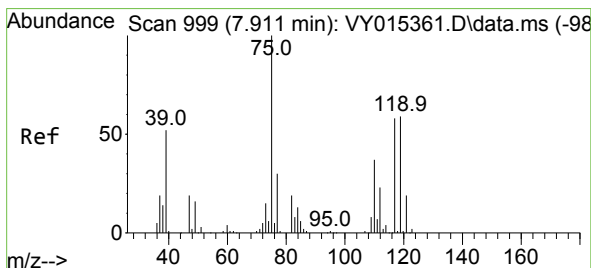
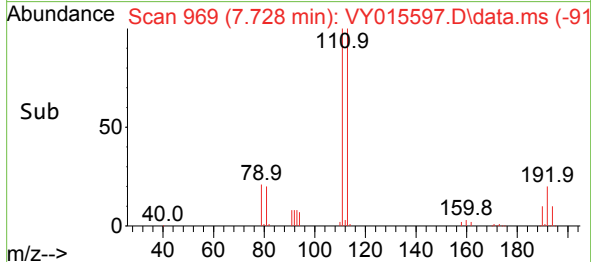
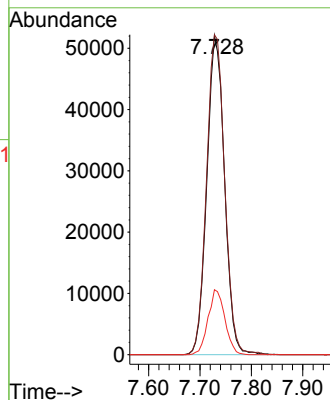
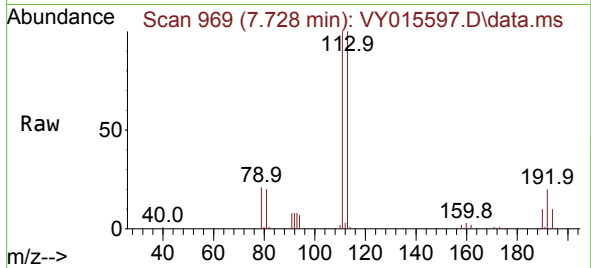




#35
Dibromofluoromethane
Concen: 53.870 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

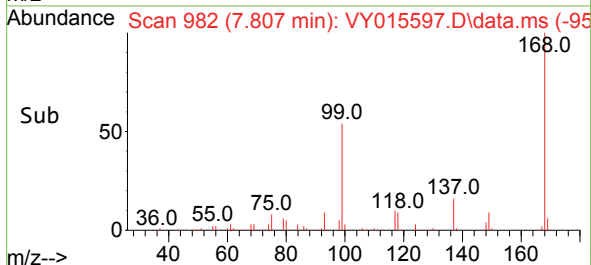
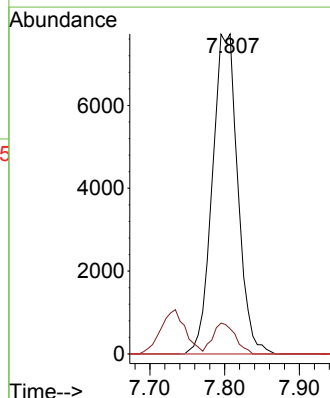
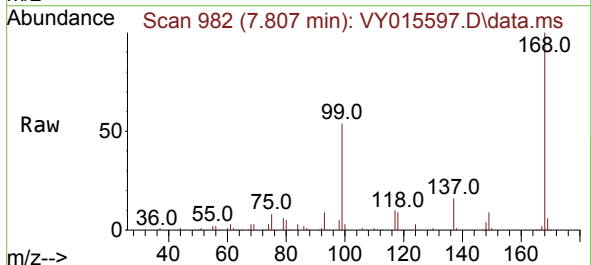
Instrument :
MSVOA_Y
ClientSampleId :

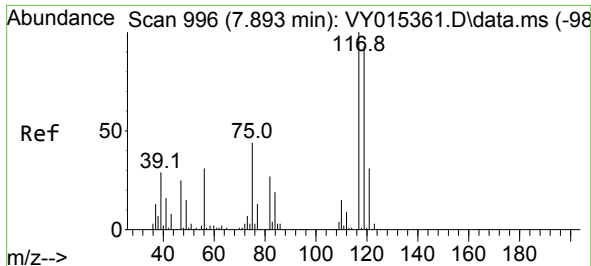
Tgt Ion:113 Resp: 124150
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

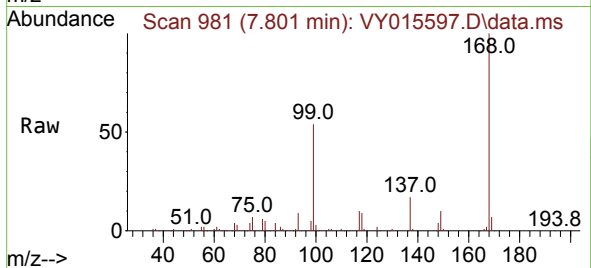
Tgt Ion: 75 Resp: 18258
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#



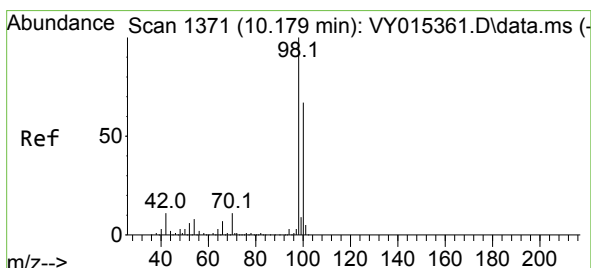
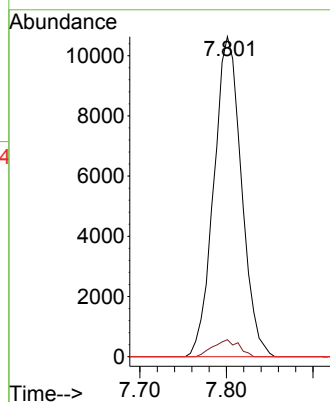
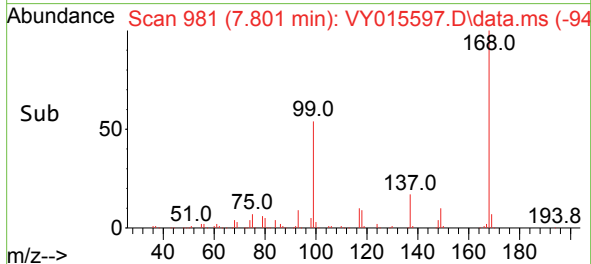


#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

Instrument :
MSVOA_Y
ClientSampleId :

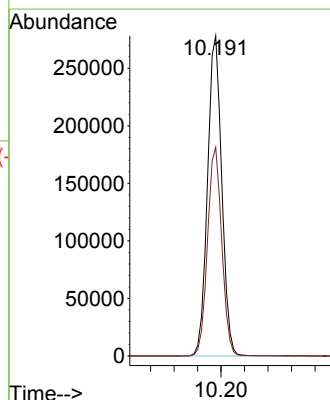
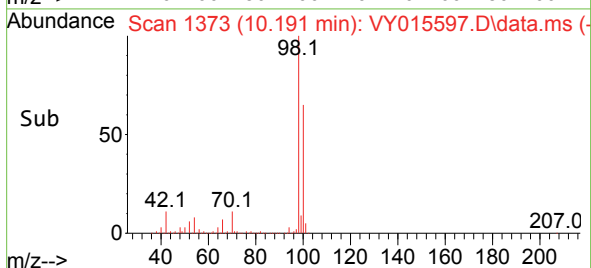
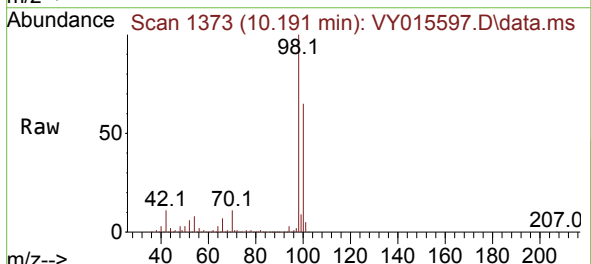


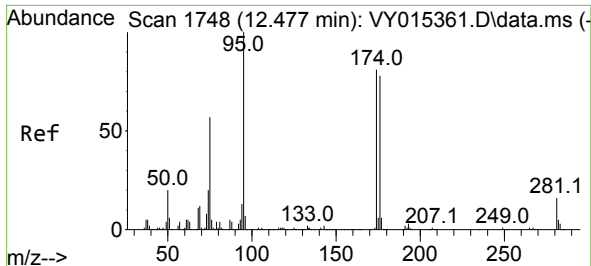
Tgt Ion:117 Resp: 23535
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.050 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY015597.D
Acq: 16 Sep 2023 03:10

Tgt Ion: 98 Resp: 467782
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 50.757 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015597.D

Acq: 16 Sep 2023 03:10

Instrument :

MSVOA_Y

ClientSampleId :

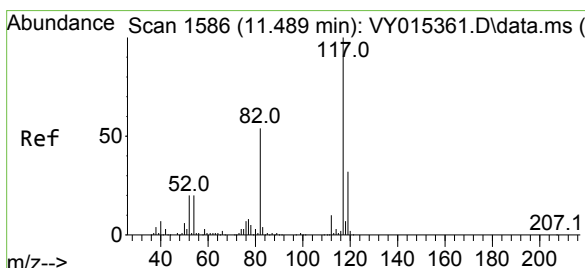
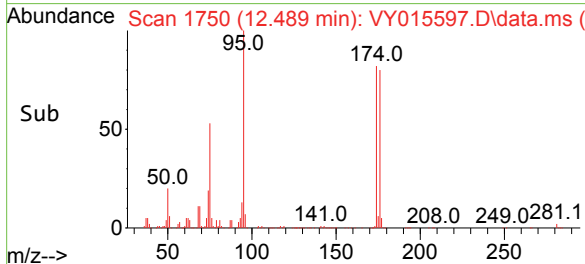
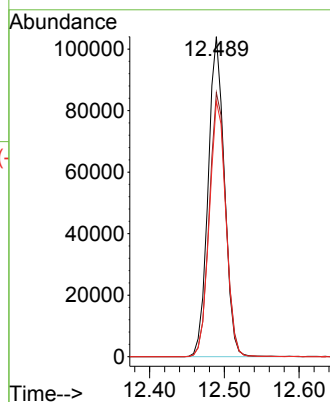
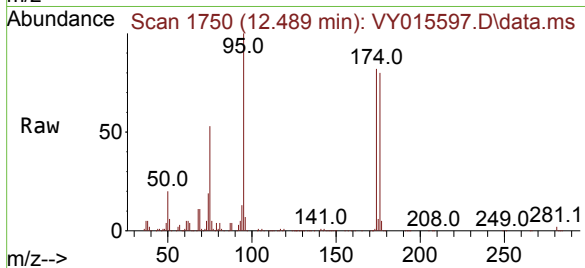
Tgt Ion: 95 Resp: 157260

Ion Ratio Lower Upper

95 100

174 84.2 0.0 178.2

176 81.1 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.012 min

Lab File: VY015597.D

Acq: 16 Sep 2023 03:10

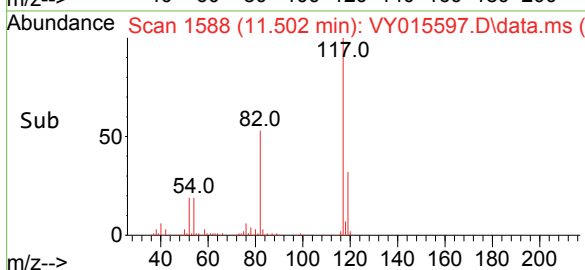
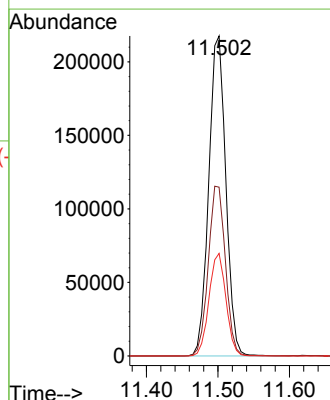
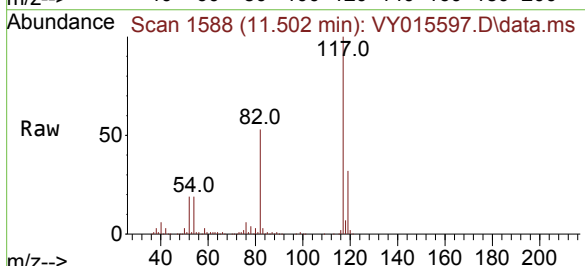
Tgt Ion: 117 Resp: 360467

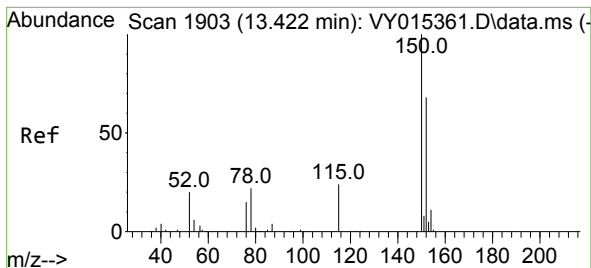
Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.1 26.3 39.5

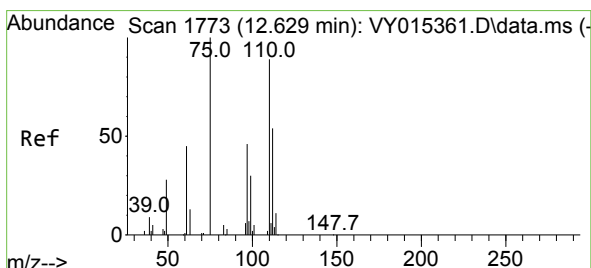
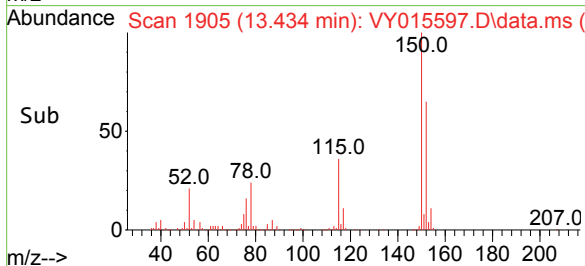
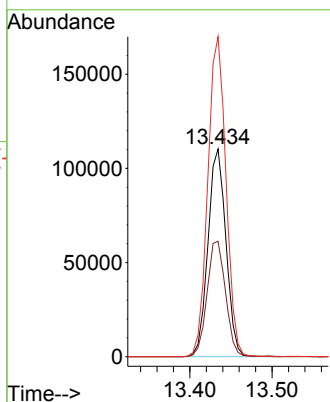
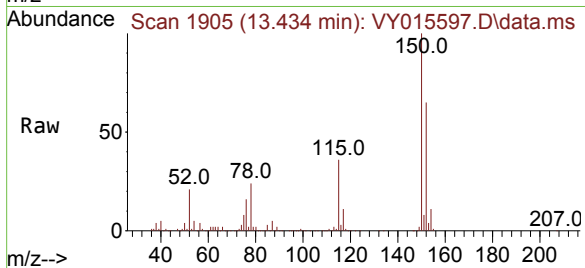




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.012 min
 Lab File: VY015597.D
 Acq: 16 Sep 2023 03:10

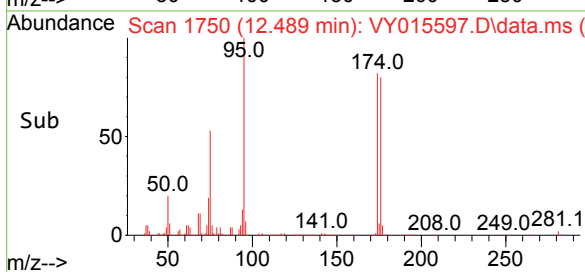
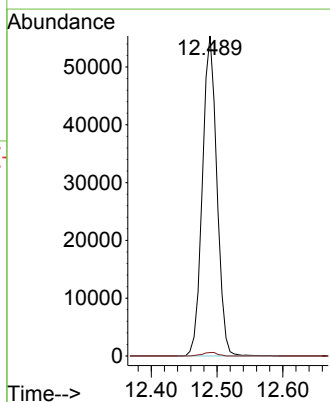
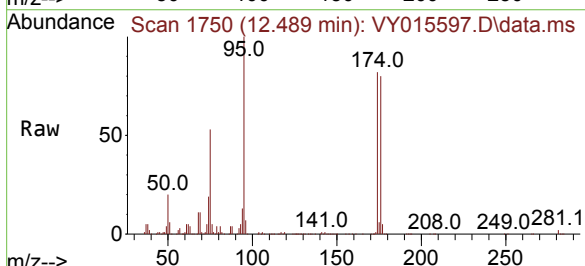
Instrument :
 MSVOA_Y
 ClientSampleId :

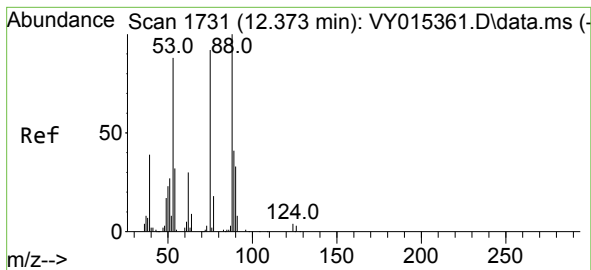
Tgt Ion:152 Resp: 167689
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.5
 150 155.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.164 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VY015597.D
 Acq: 16 Sep 2023 03:10

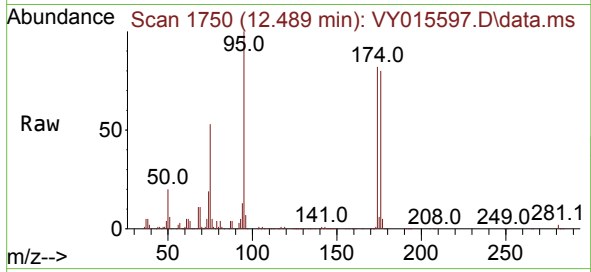
Tgt Ion: 75 Resp: 84867
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.186 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015597.D
 Acq: 16 Sep 2023 03:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 84867
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

