

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015593.D
 Acq On : 16 Sep 2023 01:36
 Operator : SY/MD
 Sample : 04419-05
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 05:27:55 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)

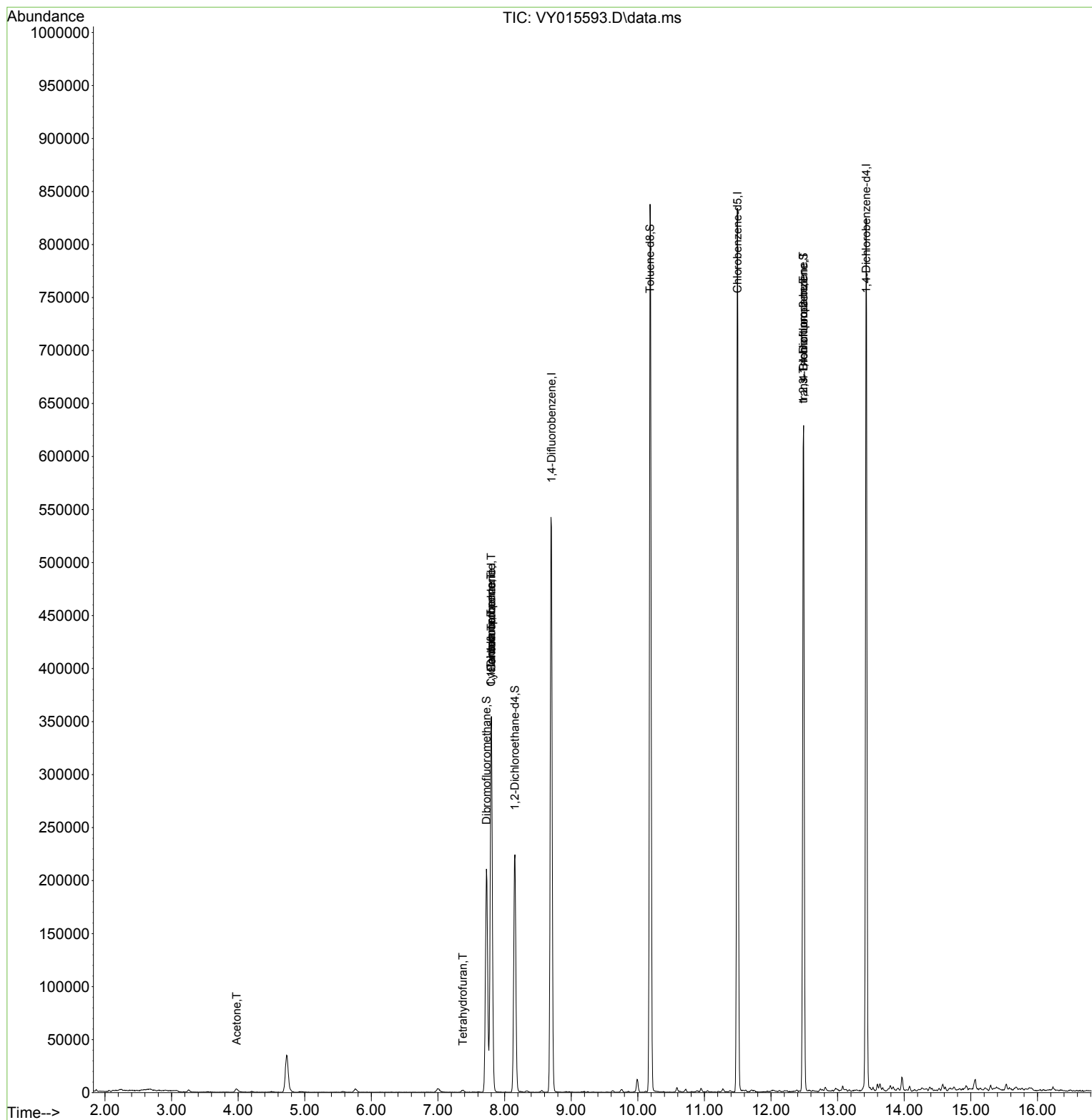
Internal Standards						
1) Pentafluorobenzene	7.801	168	277661	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	470368	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.496	117	435130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	203880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	179234	60.217	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.440%	
35) Dibromofluoromethane	7.728	113	148057	54.649	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.300%	
50) Toluene-d8	10.185	98	553275	56.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.780%	
62) 4-Bromofluorobenzene	12.489	95	194739	53.467	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	553	Below Cal	#	89
16) Acetone	3.979	43	6760	5.441	ug/l	97
29) Tetrahydrofuran	7.374	42	1550	1.401	ug/l	96
31) Cyclohexane	7.795	56	5871	1.110	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	21679	4.557	ug/l #	50
38) Carbon Tetrachloride	7.801	117	27608	5.619	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	103244	38.187	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	103244	84.236	ug/l #	11

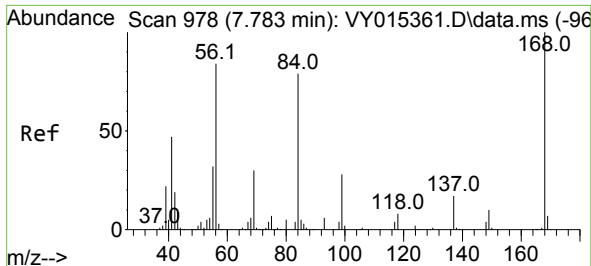
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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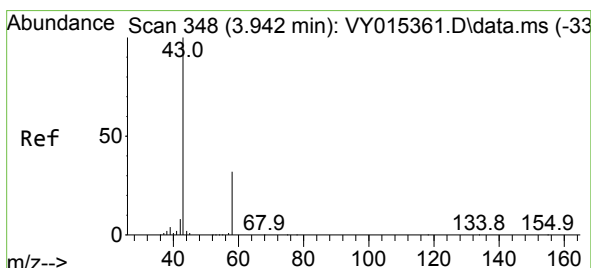
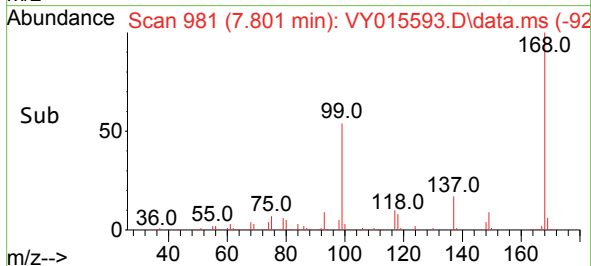
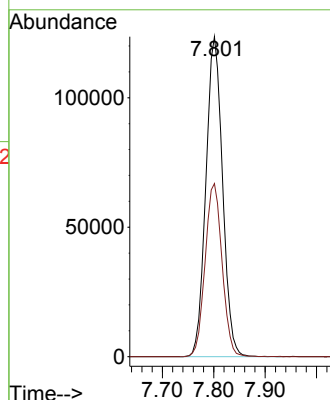
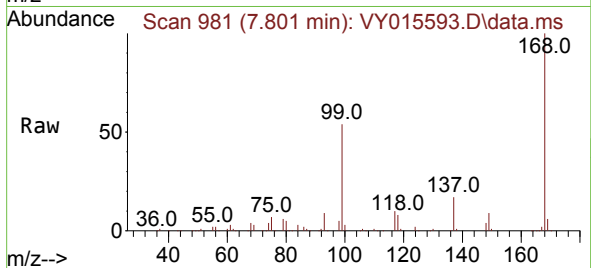




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

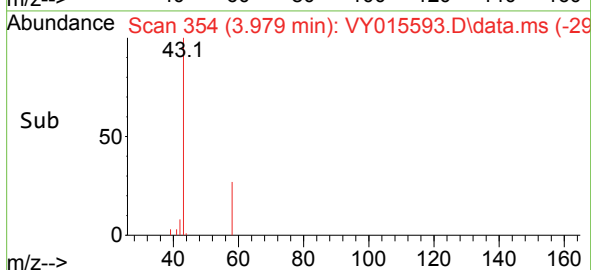
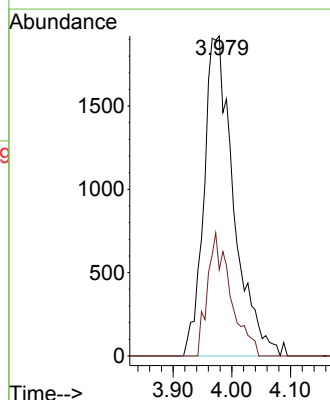
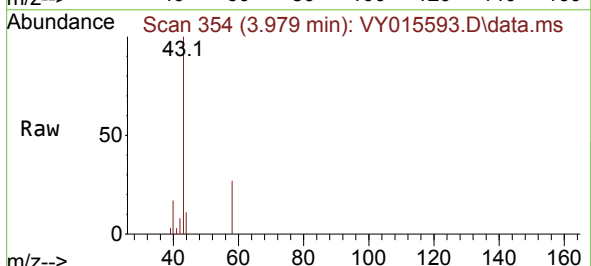
Instrument :
MSVOA_Y
ClientSampleId :

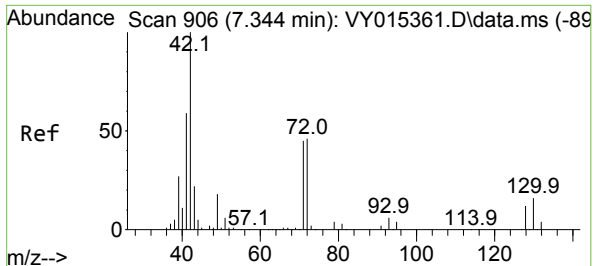
Tgt Ion:168 Resp: 277661
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#16
Acetone
Concen: 5.441 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

Tgt Ion: 43 Resp: 6760
Ion Ratio Lower Upper
43 100
58 26.9 22.7 34.1





#29

Tetrahydrofuran

Concen: 1.401 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.030 min

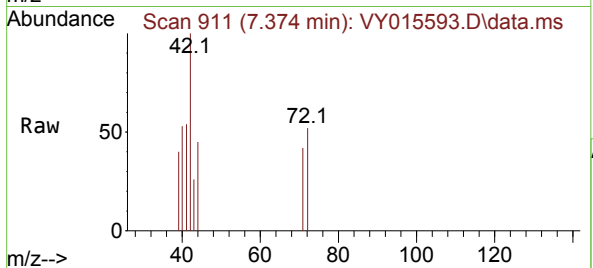
Lab File: VY015593.D

Acq: 16 Sep 2023 01:36

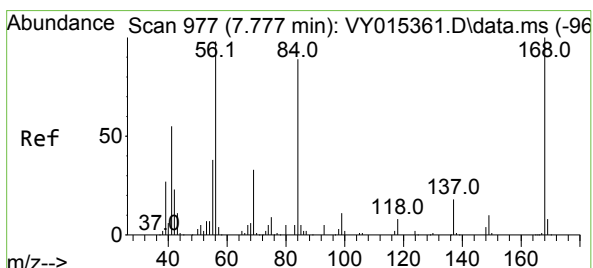
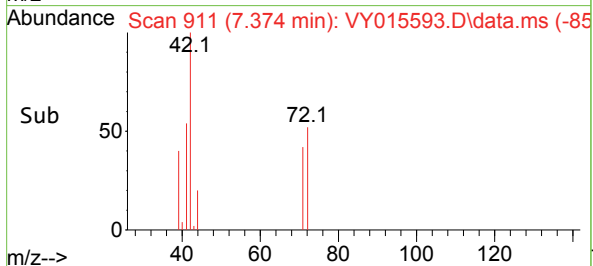
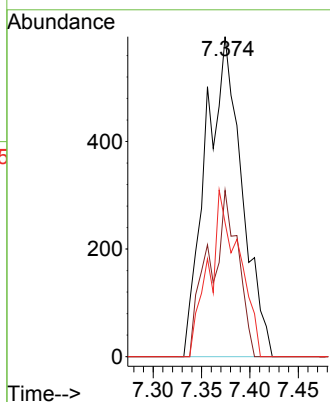
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	1550
Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.8	49.2
71	43.2	31.0	46.4



#31

Cyclohexane

Concen: 1.110 ug/l

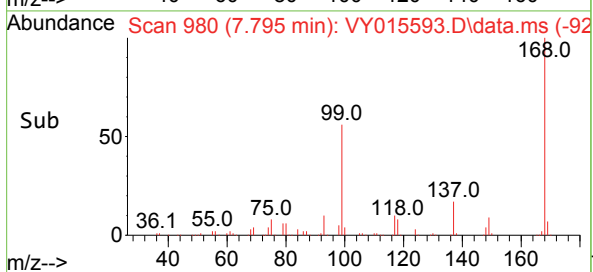
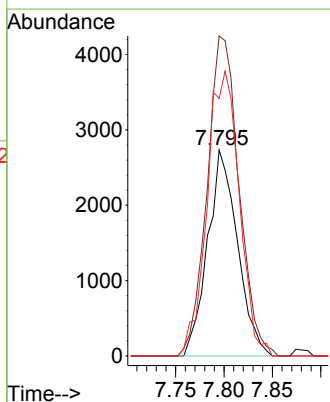
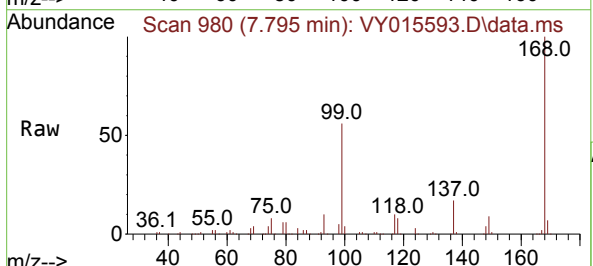
RT: 7.795 min Scan# 980

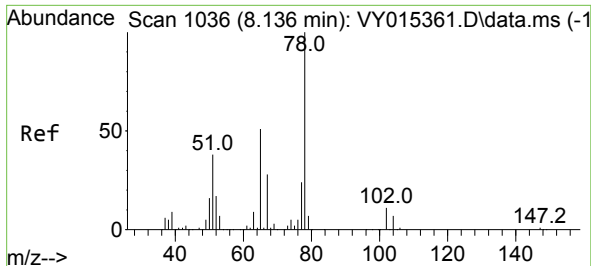
Delta R.T. 0.012 min

Lab File: VY015593.D

Acq: 16 Sep 2023 01:36

Tgt Ion:	56	Resp:	5871
Ion	Ratio	Lower	Upper
56	100		
69	155.3	27.8	41.6#
84	124.9	66.4	99.6#

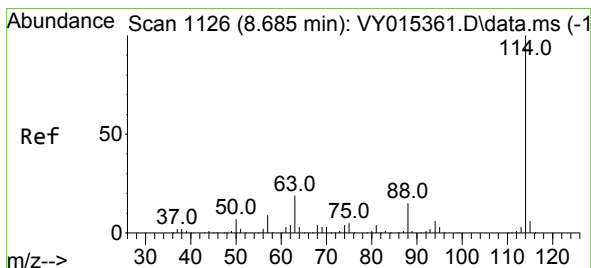
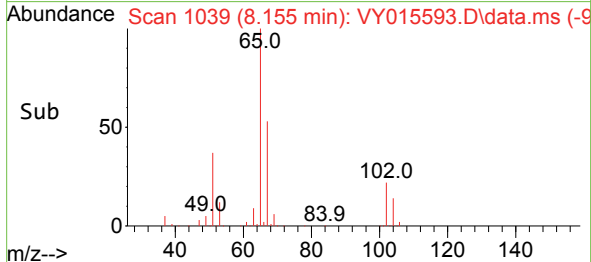
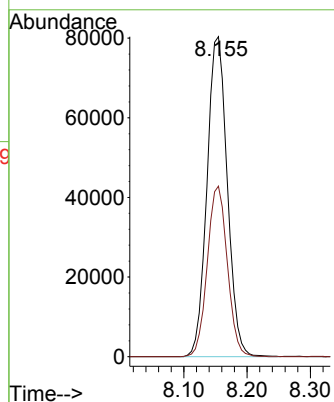
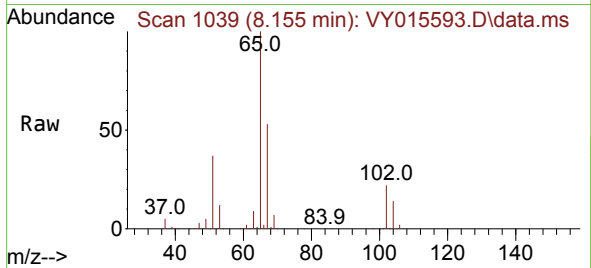




#33
 1,2-Dichloroethane-d4
 Concen: 60.217 ug/l
 RT: 8.155 min Scan# 1036
 Delta R.T. 0.018 min
 Lab File: VY015593.D
 Acq: 16 Sep 2023 01:36

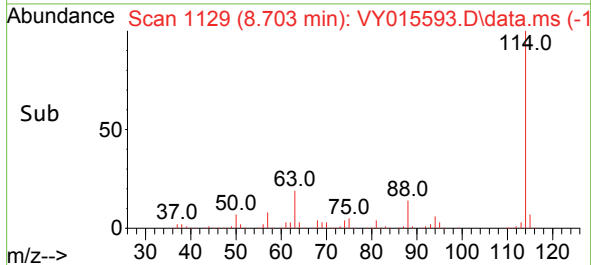
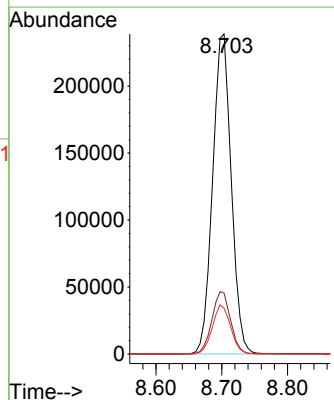
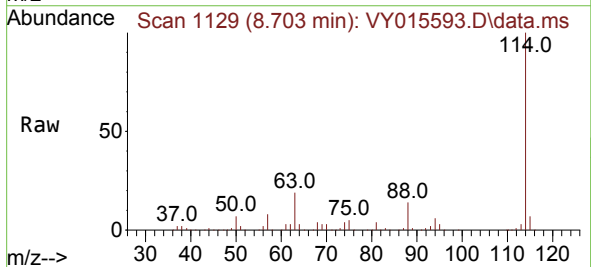
Instrument :
 MSVOA_Y
 ClientSampleId :

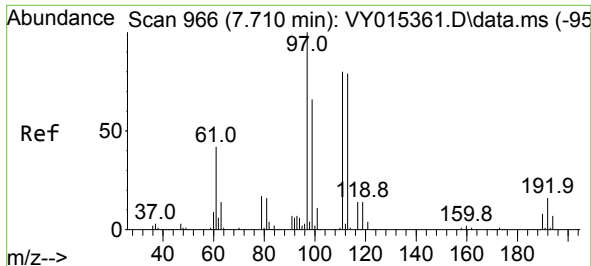
Tgt Ion: 65 Resp: 179234
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.018 min
 Lab File: VY015593.D
 Acq: 16 Sep 2023 01:36

Tgt Ion: 114 Resp: 470368
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.3 0.0 30.6

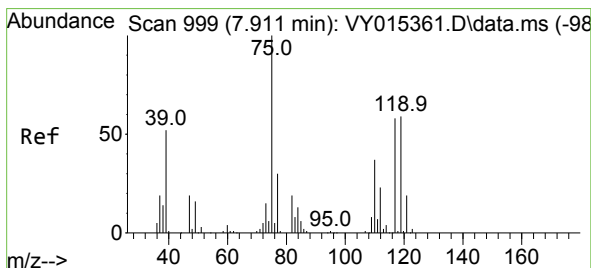
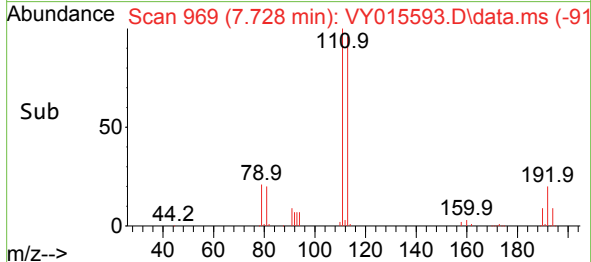
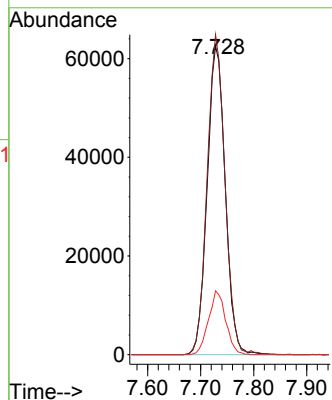
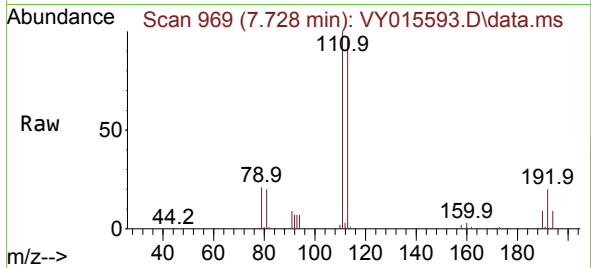




#35
Dibromofluoromethane
Concen: 54.649 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

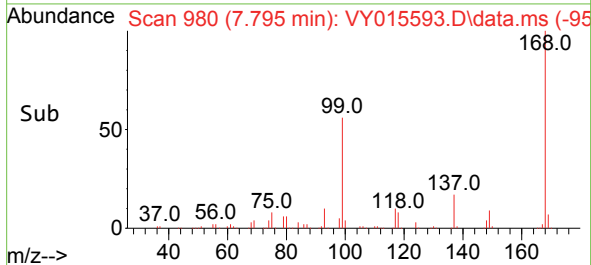
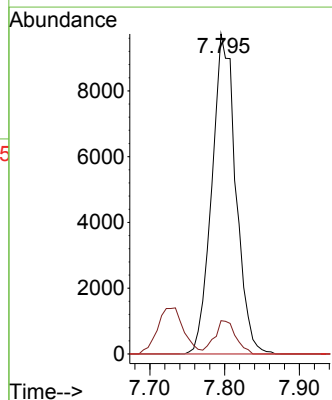
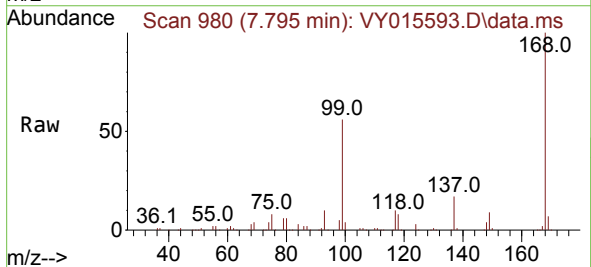
Instrument :
MSVOA_Y
ClientSampleId :

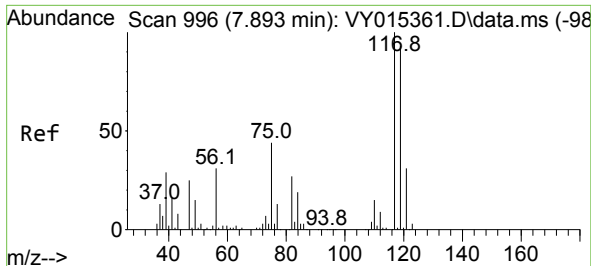
Tgt Ion:113 Resp: 148057
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

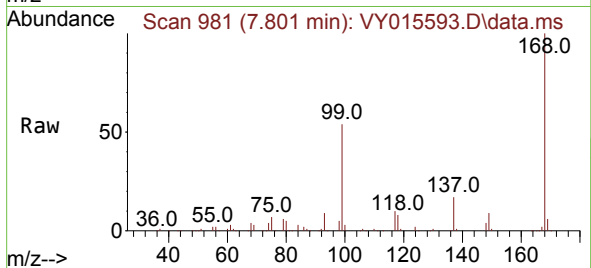
Tgt Ion: 75 Resp: 21679
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



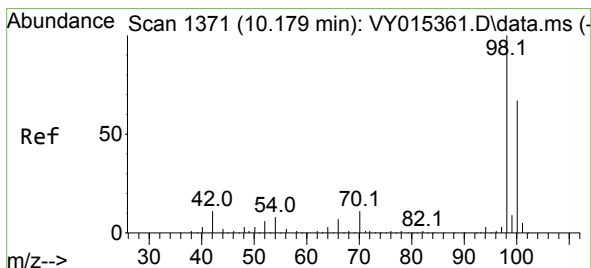
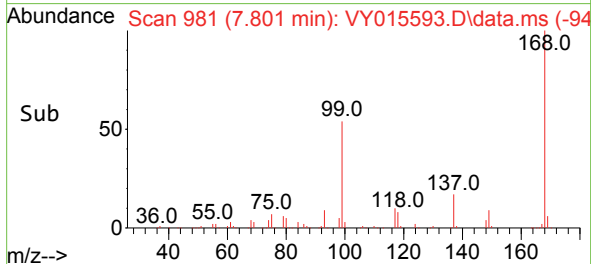
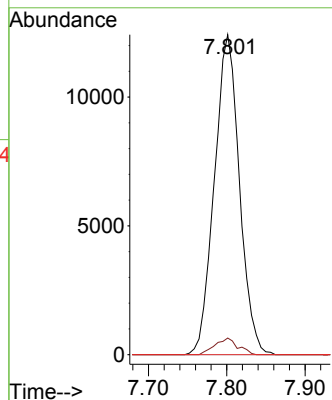


#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

Instrument :
MSVOA_Y
ClientSampleId :

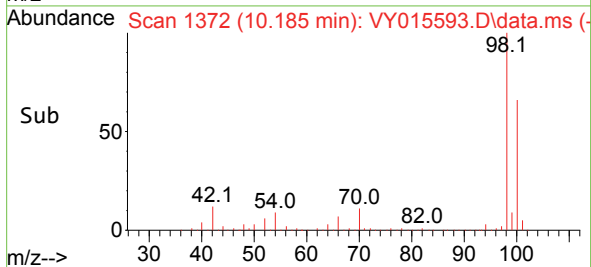
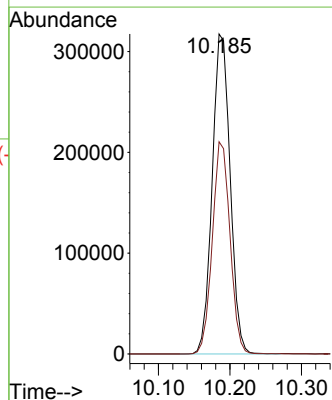
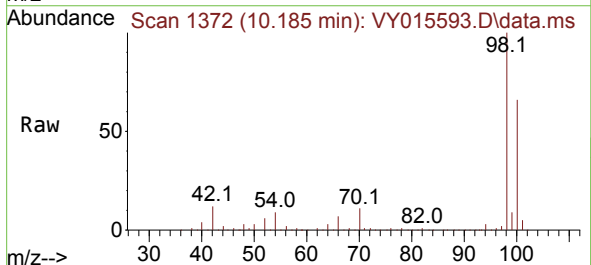


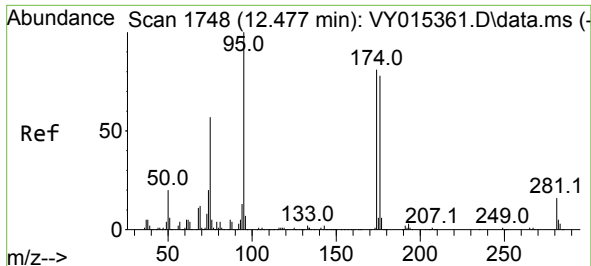
Tgt Ion:117 Resp: 27608
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.393 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

Tgt Ion: 98 Resp: 553275
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

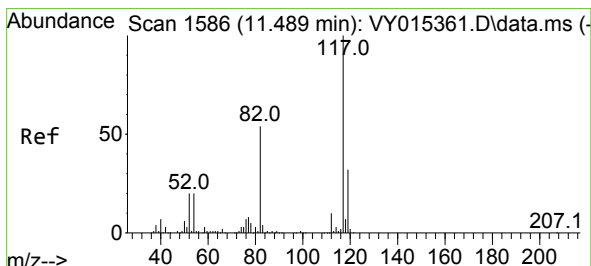
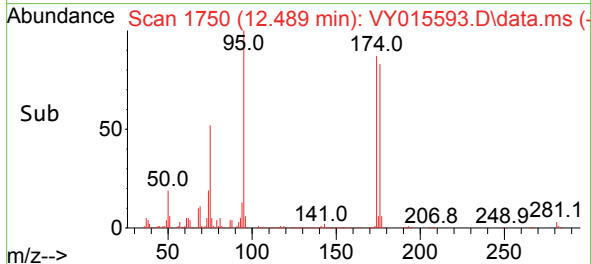
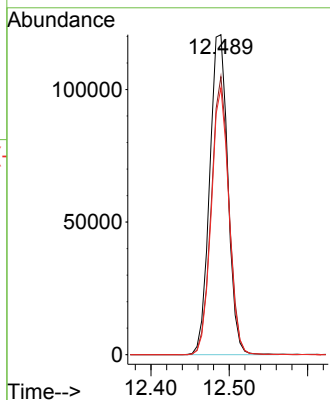
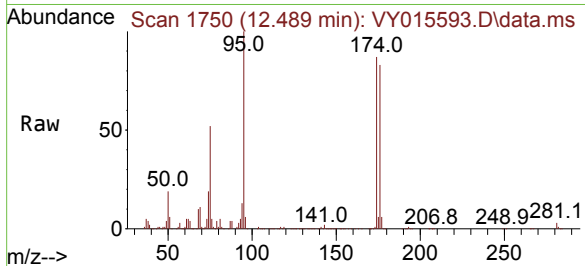




#62
4-Bromofluorobenzene
Concen: 53.467 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

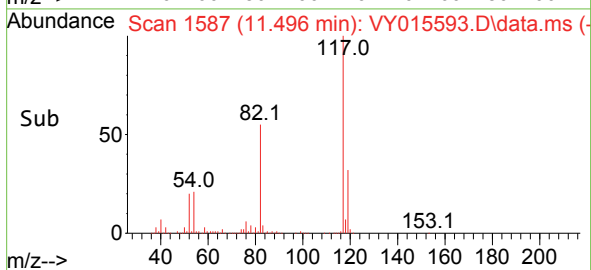
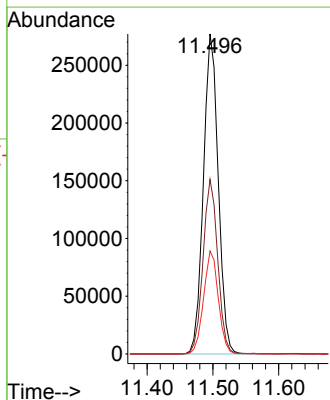
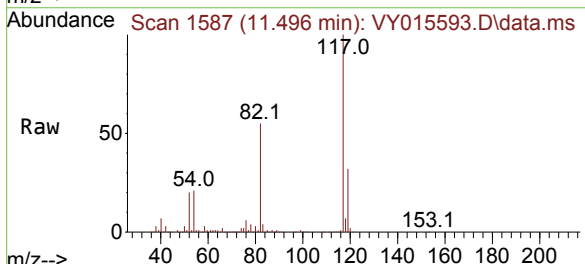
Instrument :
MSVOA_Y
ClientSampleId :

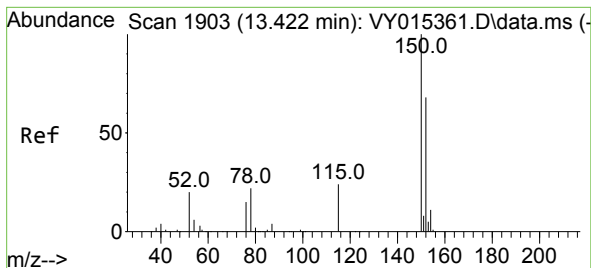
Tgt Ion: 95 Resp: 194739
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015593.D
Acq: 16 Sep 2023 01:36

Tgt Ion: 117 Resp: 435130
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

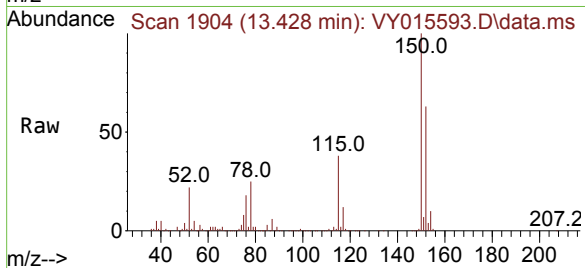
Lab File: VY015593.D

Acq: 16 Sep 2023 01:36

Instrument :

MSVOA_Y

ClientSampleId :



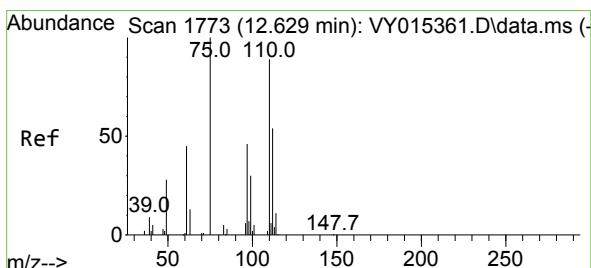
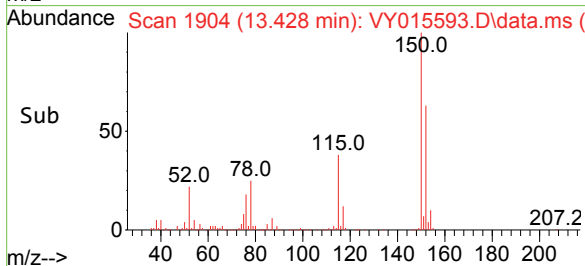
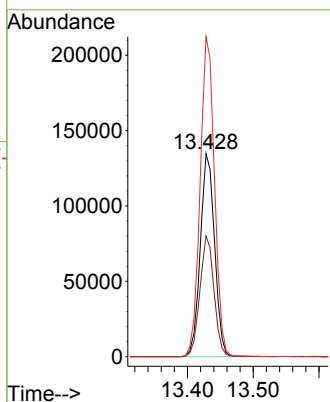
Tgt Ion:152 Resp: 203880

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 158.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.187 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015593.D

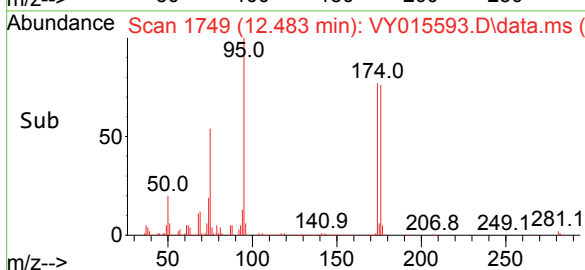
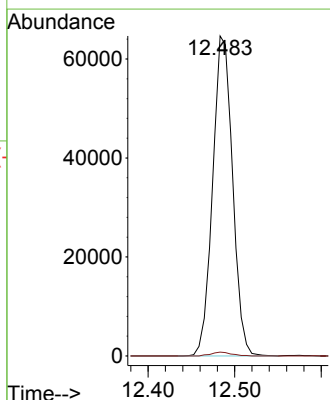
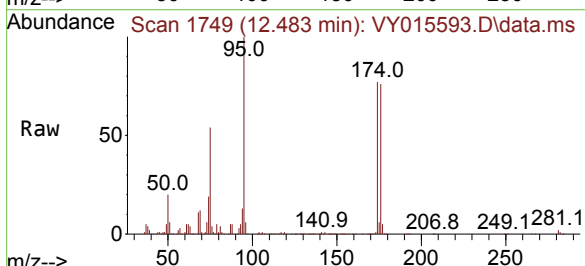
Acq: 16 Sep 2023 01:36

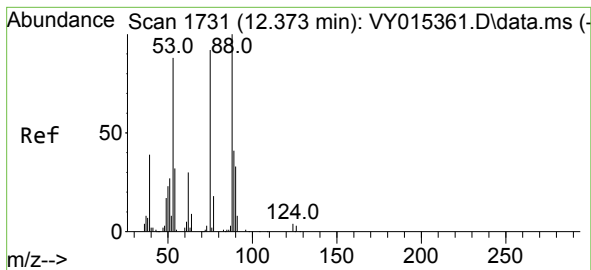
Tgt Ion: 75 Resp: 103244

Ion Ratio Lower Upper

75 100

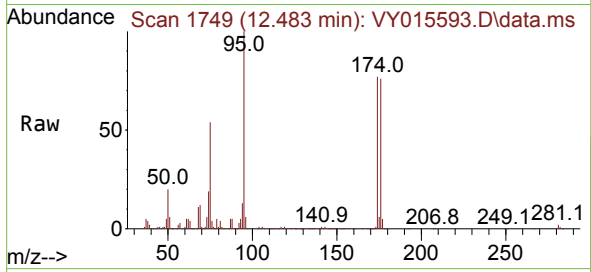
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.236 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015593.D
 Acq: 16 Sep 2023 01:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 103244
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.0 37.4 56.0#

