

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015475.D
 Acq On : 07 Sep 2023 18:33
 Operator : SY/MD
 Sample : 04338-01
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:11:55 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

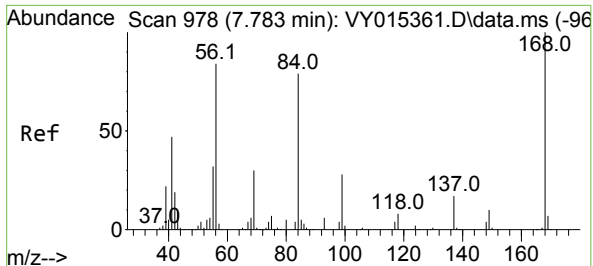
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	355922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	584739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	529222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	260558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	224549	58.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.700%	
35) Dibromofluoromethane	7.704	113	182608	54.219	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.440%	
50) Toluene-d8	10.173	98	681124	55.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.700%	
62) 4-Bromofluorobenzene	12.477	95	241718	53.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	12677	Below Cal	#	91
16) Acetone	3.942	43	4770	2.995	ug/l #	89
20) Methylene Chloride	4.698	84	15063	Below Cal	#	85
25) 2-Butanone	6.972	43	5776	2.557	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	6633	1.097	ug/l #	54
31) Cyclohexane	7.771	56	7669	1.132	ug/l #	14
36) 1,1-Dichloropropene	7.777	75	26751	4.524	ug/l #	50
37) Ethyl Acetate	6.972	43	5776	1.266	ug/l #	9
38) Carbon Tetrachloride	7.777	117	35359	5.789	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	129661	37.526	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	129661	82.777	ug/l #	10

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

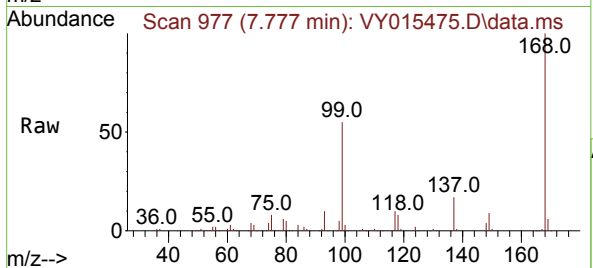
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



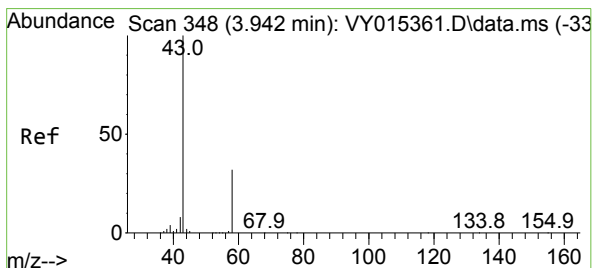
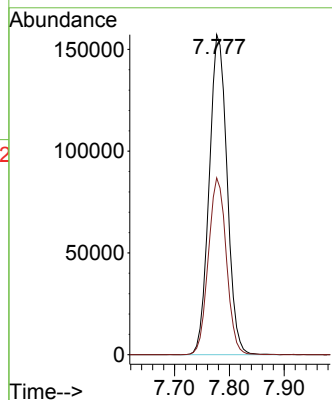
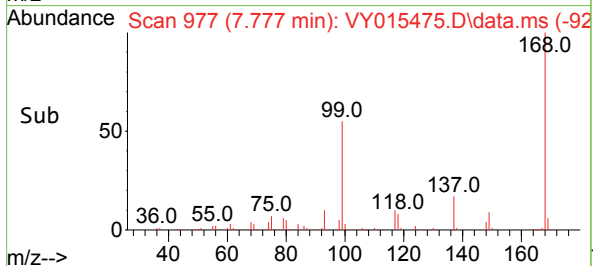


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :

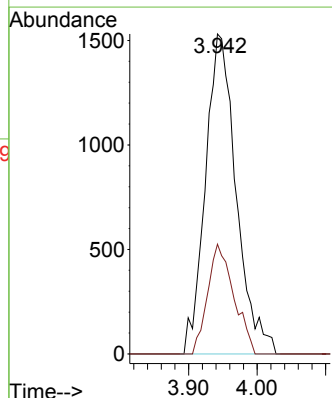
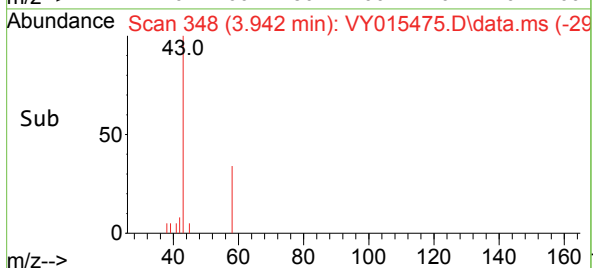
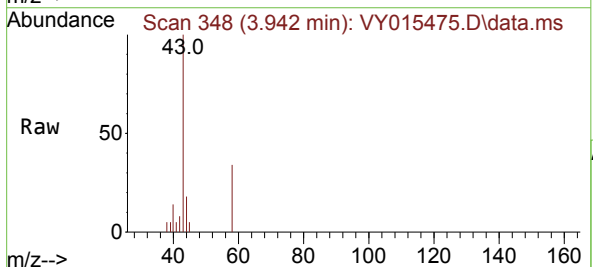


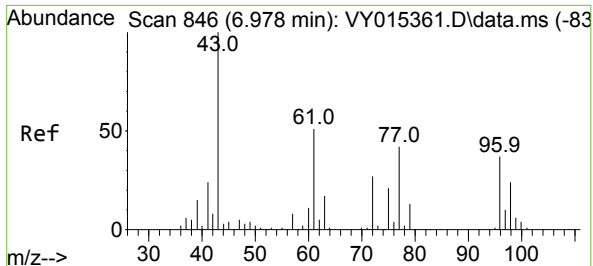
Tgt Ion:168 Resp: 355922
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 2.995 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Tgt Ion: 43 Resp: 4770
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#





#25

2-Butanone

Concen: 2.557 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY015475.D

Acq: 07 Sep 2023 18:33

Instrument :

MSVOA_Y

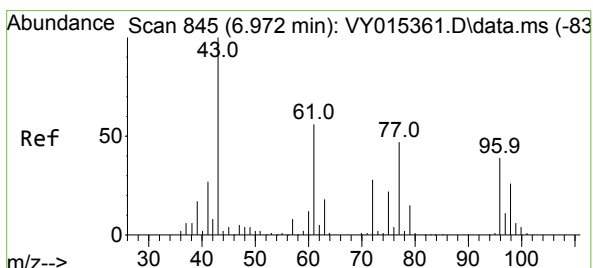
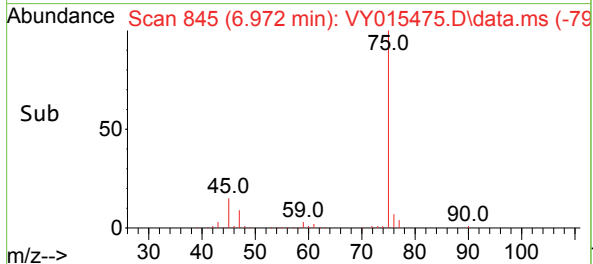
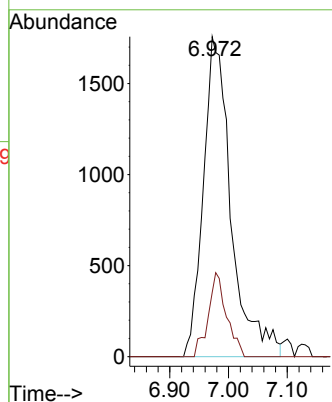
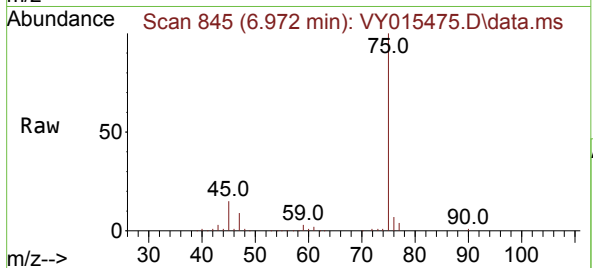
ClientSampleId :

Tgt Ion: 43 Resp: 5776

Ion Ratio Lower Upper

43 100

72 20.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.097 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015475.D

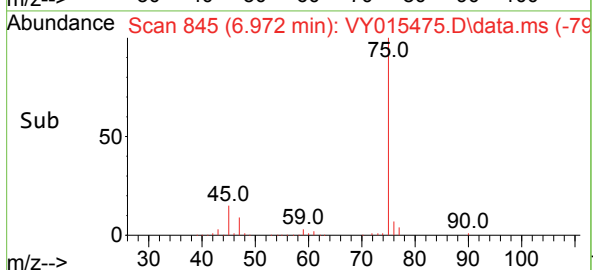
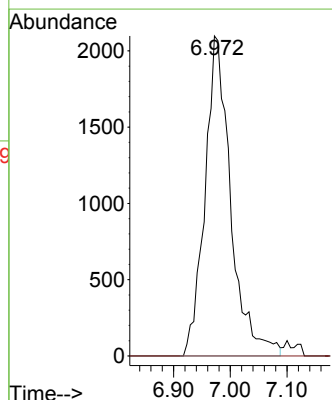
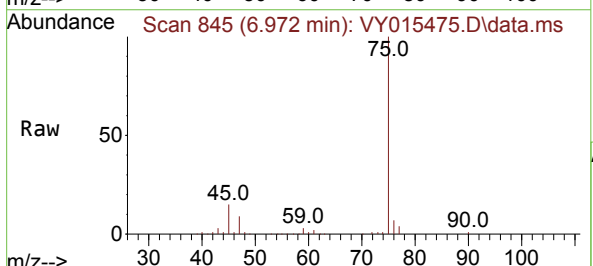
Acq: 07 Sep 2023 18:33

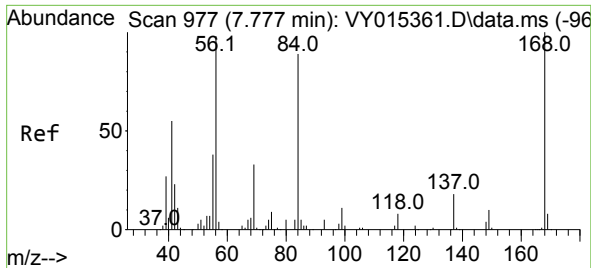
Tgt Ion: 77 Resp: 6633

Ion Ratio Lower Upper

77 100

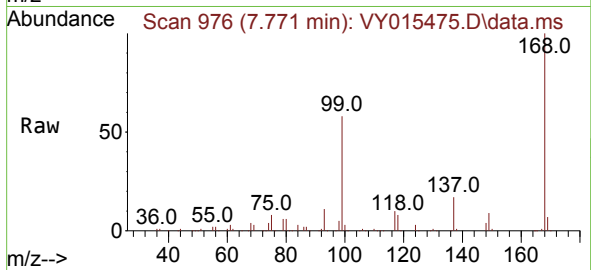
97 0.0 10.9 32.9#



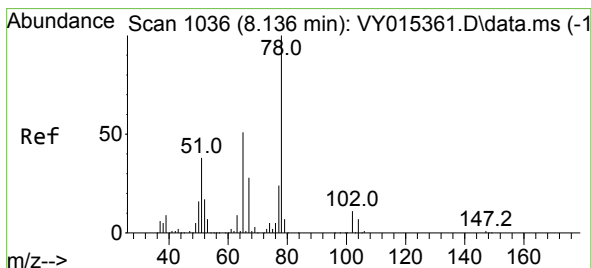
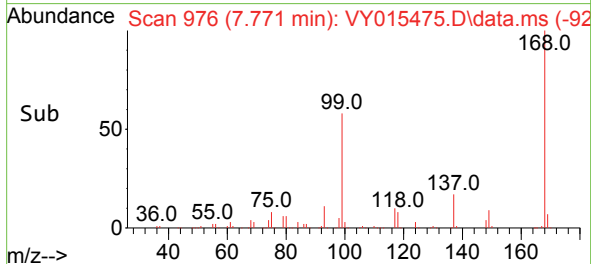
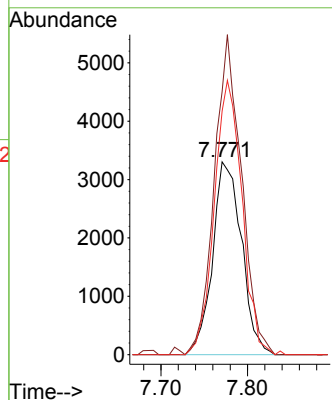


#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :

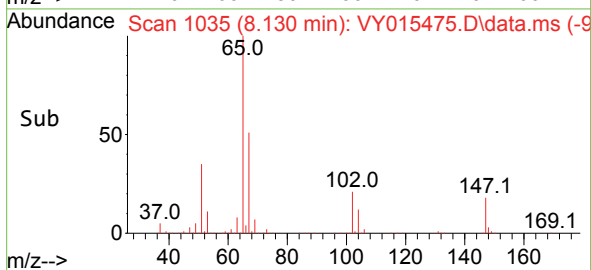
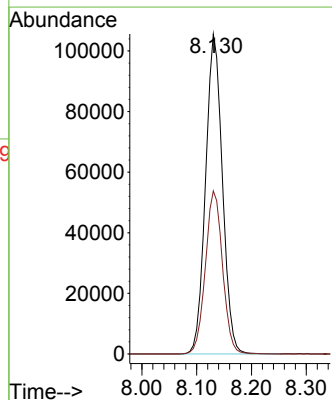
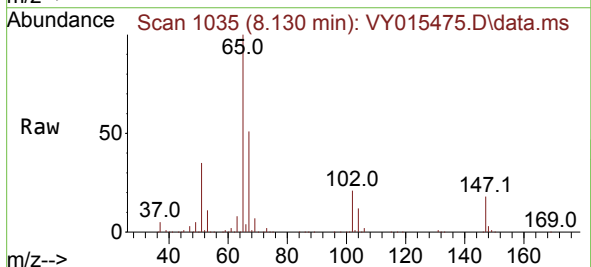


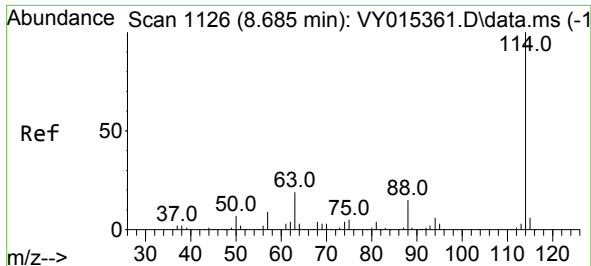
Tgt Ion: 56 Resp: 7669
Ion Ratio Lower Upper
56 100
69 136.4 27.8 41.6#
84 126.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.853 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Tgt Ion: 65 Resp: 224549
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

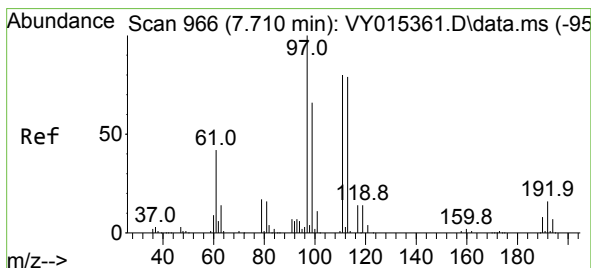
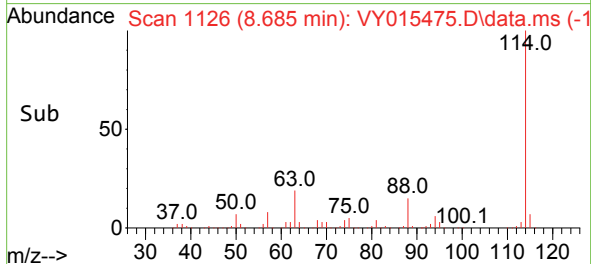
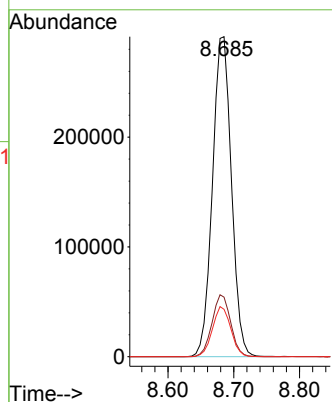
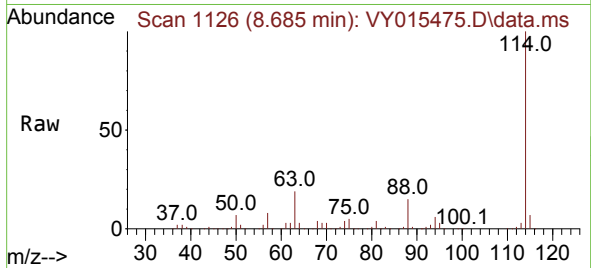




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

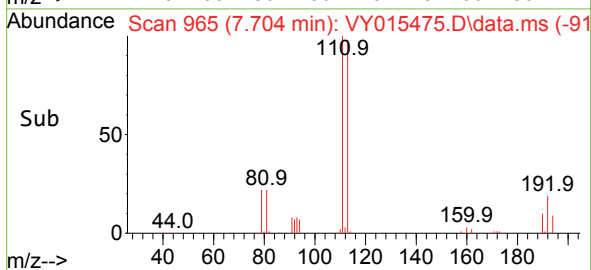
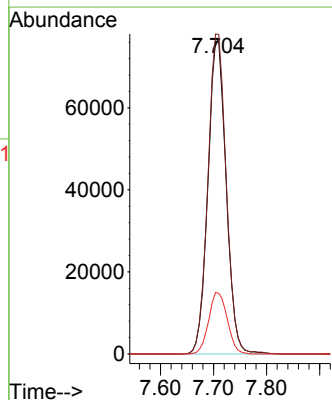
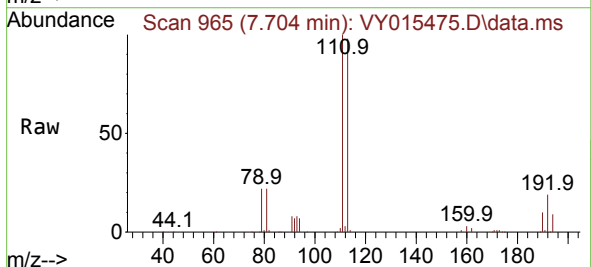
Instrument :
MSVOA_Y
ClientSampleId :

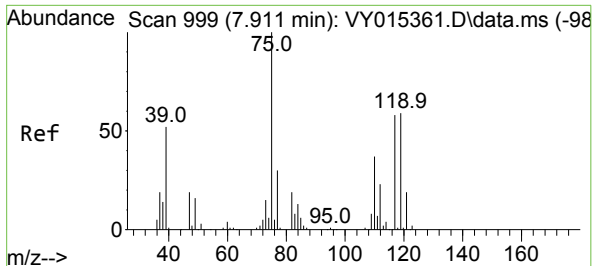
Tgt Ion:114 Resp: 584739
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.219 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

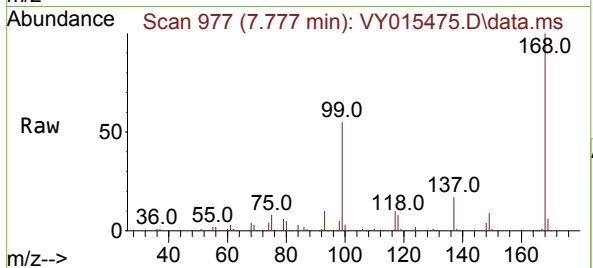
Tgt Ion:113 Resp: 182608
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 20.0 16.9 25.3



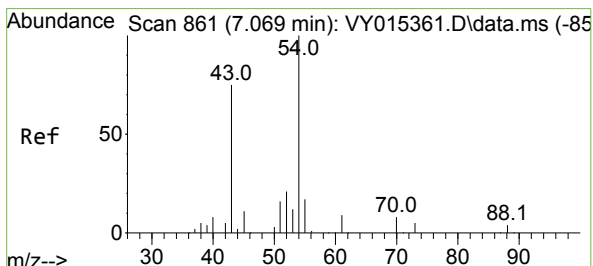
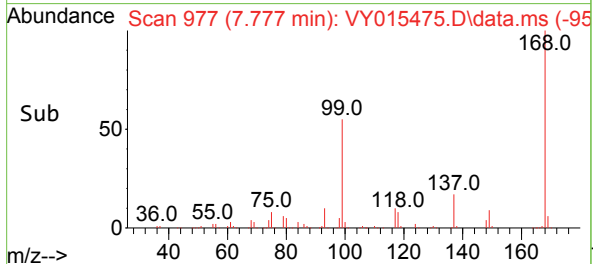
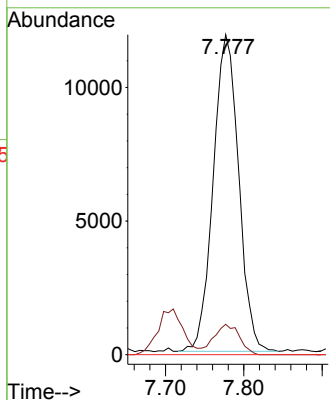


#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :

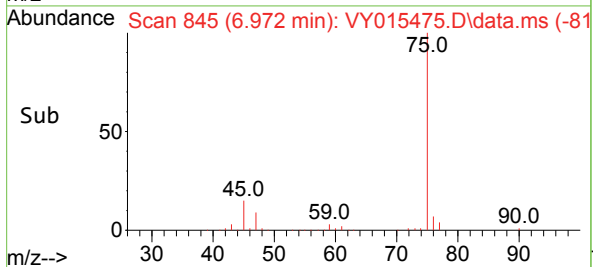
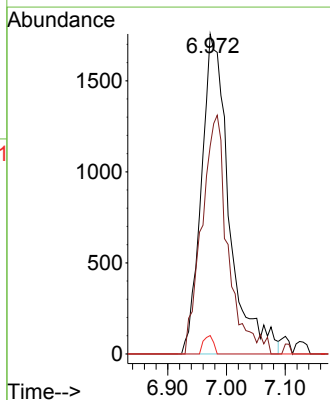
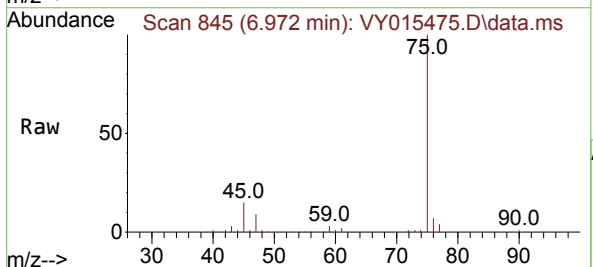


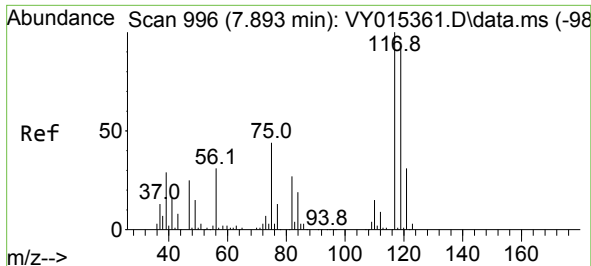
Tgt Ion: 75 Resp: 26751
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.266 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.091 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

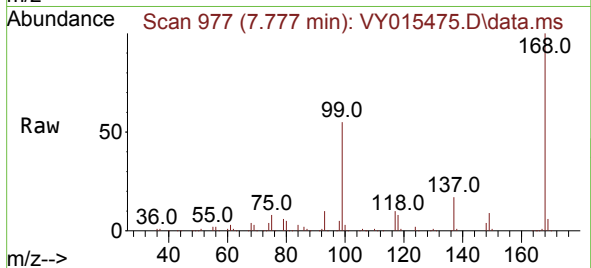
Tgt Ion: 43 Resp: 5776
Ion Ratio Lower Upper
43 100
61 68.5 10.1 15.1#
70 2.0 7.1 10.7#



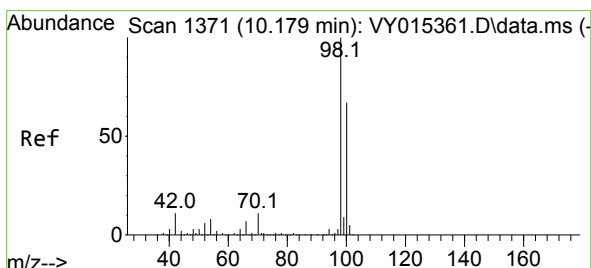
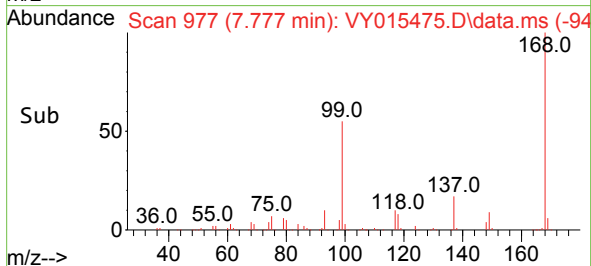
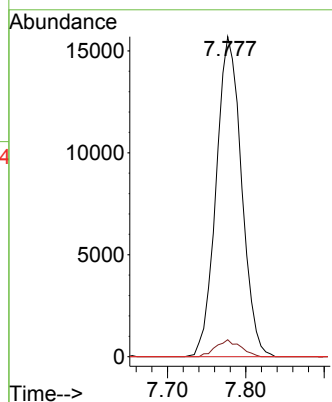


#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :

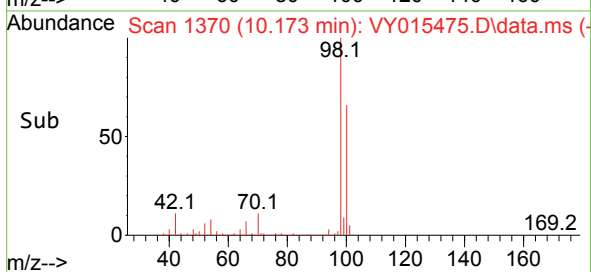
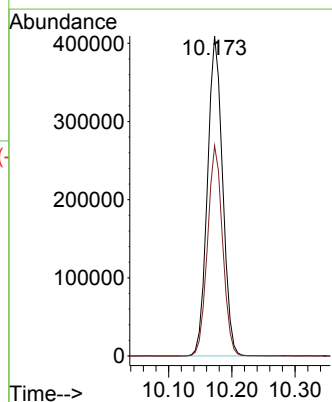
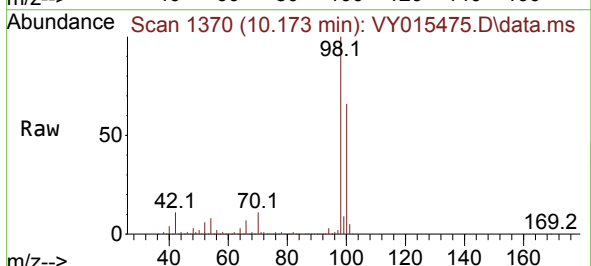


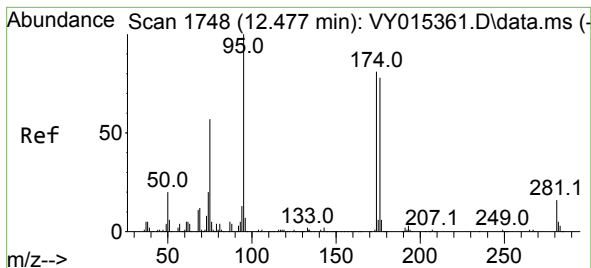
Tgt Ion:117 Resp: 35359
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.845 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Tgt Ion: 98 Resp: 681124
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

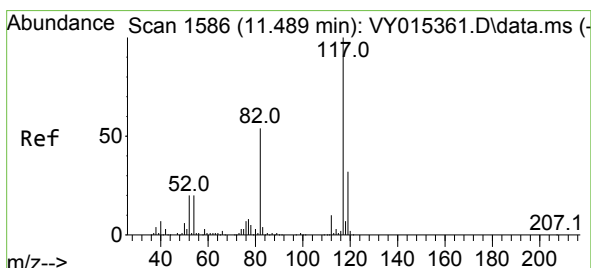
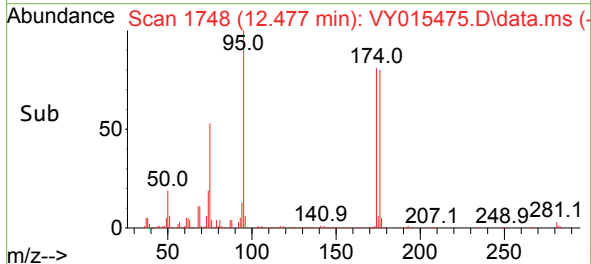
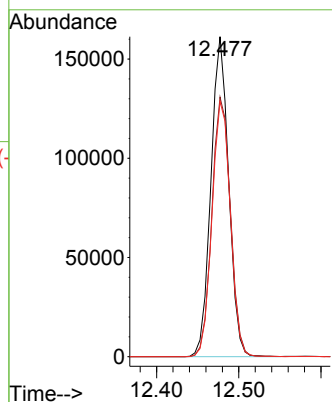
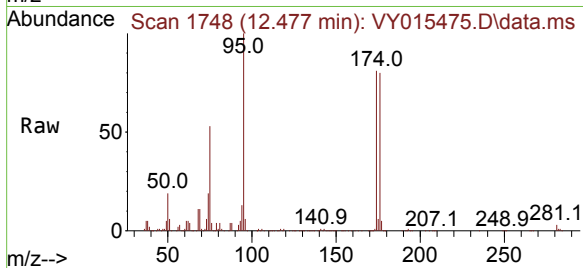




#62
4-Bromofluorobenzene
Concen: 53.385 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

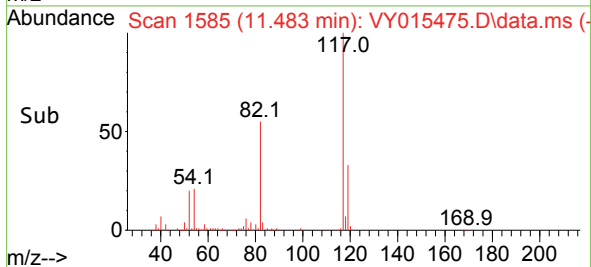
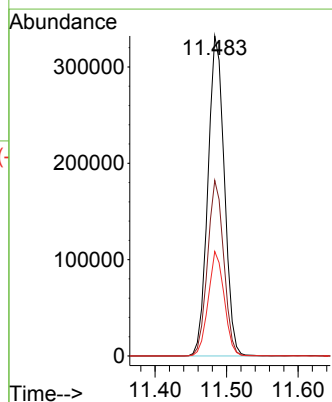
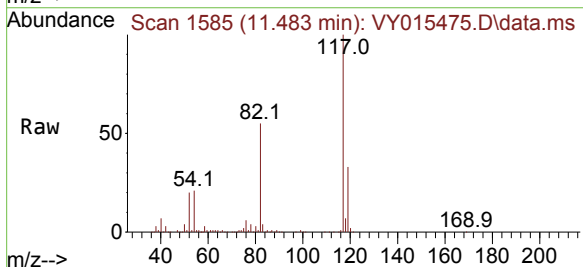
Instrument :
MSVOA_Y
ClientSampleId :

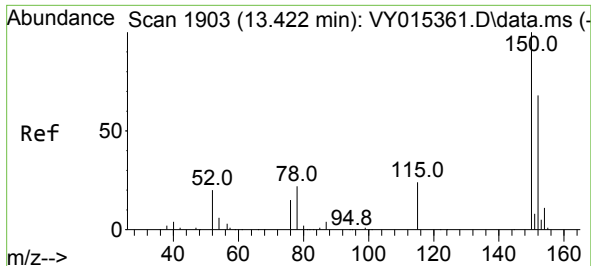
Tgt Ion: 95 Resp: 241718
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015475.D
Acq: 07 Sep 2023 18:33

Tgt Ion: 117 Resp: 529222
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.7 26.3 39.5

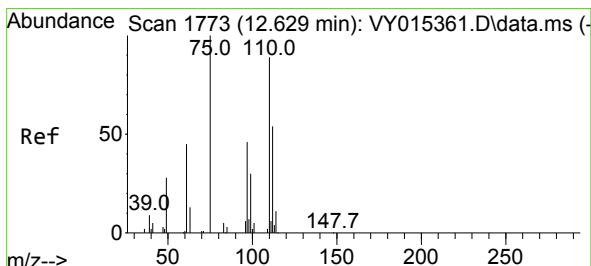
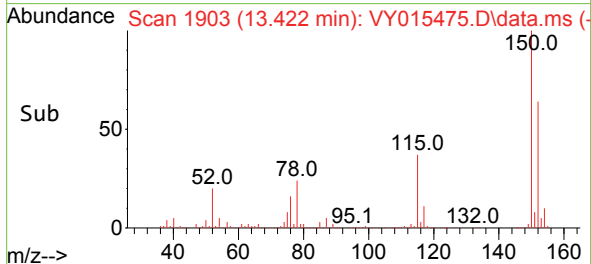
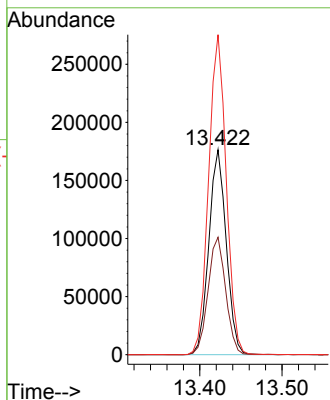
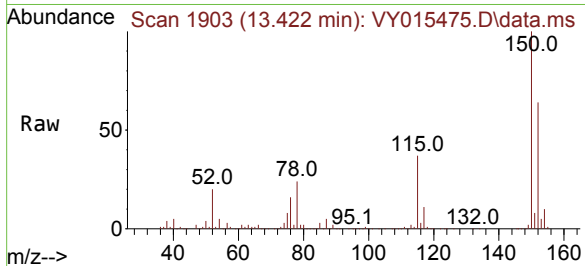




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015475.D
 Acq: 07 Sep 2023 18:33

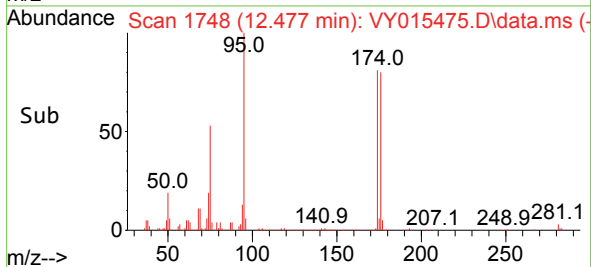
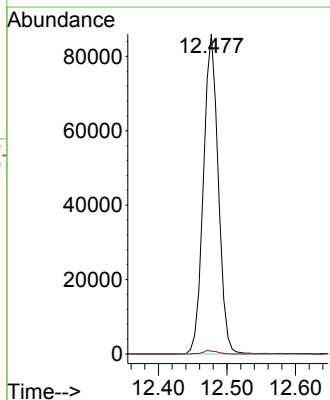
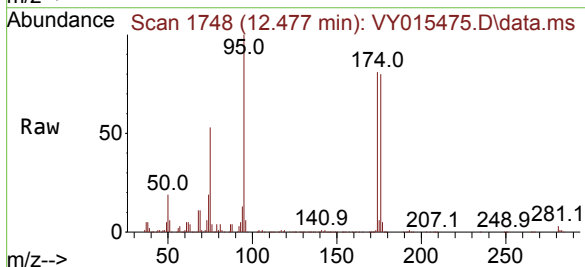
Instrument :
 MSVOA_Y
 ClientSampleId :

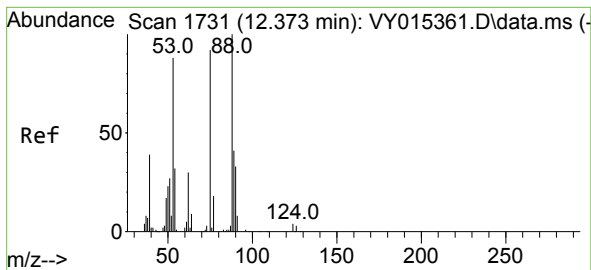
Tgt Ion:152 Resp: 260558
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 157.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.526 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015475.D
 Acq: 07 Sep 2023 18:33

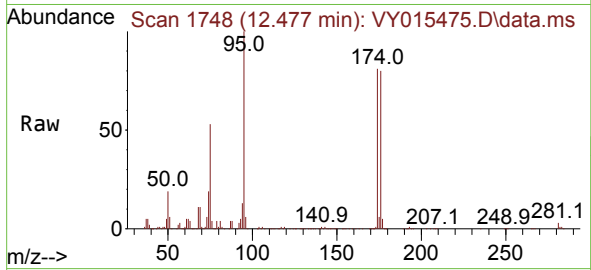
Tgt Ion: 75 Resp: 129661
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.777 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015475.D
 Acq: 07 Sep 2023 18:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 129661
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

