

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015473.D
 Acq On : 07 Sep 2023 17:44
 Operator : SY/MD
 Sample : 04338-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:11:17 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	361613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	597897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	539754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	262368	50.000	ug/l	0.00

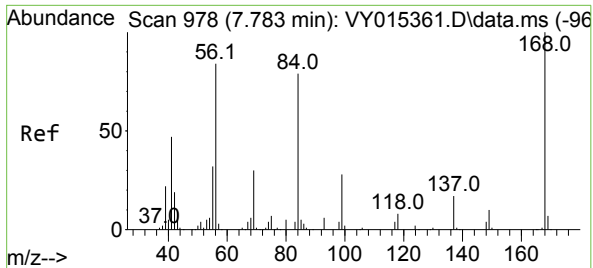
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	231729	59.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.560%
35) Dibromofluoromethane	7.703	113	186577	54.178	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.173	98	694540	55.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.380%
62) 4-Bromofluorobenzene	12.477	95	246244	53.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.380%

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.911	59	10897	Below Cal	#	89
16) Acetone	3.942	43	4752	2.937	ug/l	100
20) Methylene Chloride	4.698	84	12950	Below Cal		90
25) 2-Butanone	6.984	43	4976	2.168	ug/l	# 75
31) Cyclohexane	7.777	56	7521	1.092	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	27480	4.545	ug/l	# 50
37) Ethyl Acetate	6.984	43	4976	1.067	ug/l	# 1
38) Carbon Tetrachloride	7.777	117	36103	5.781	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	134873	38.765	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	134873	85.511	ug/l	# 10

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

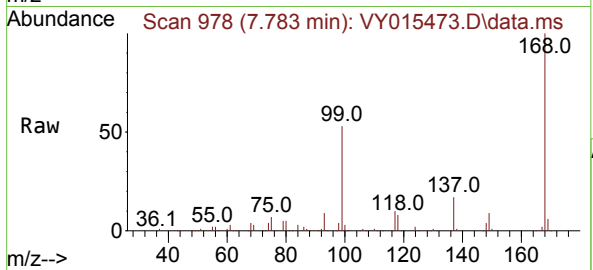
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



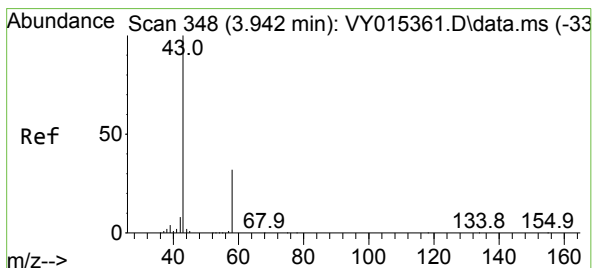
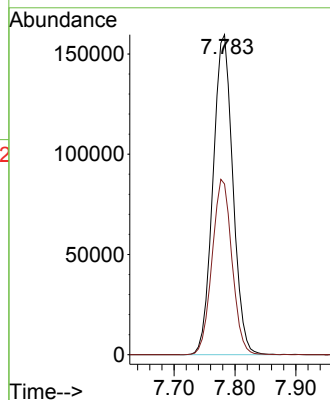
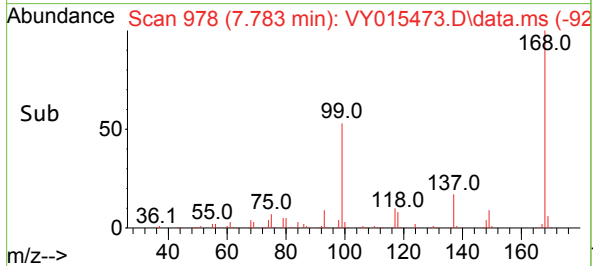


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

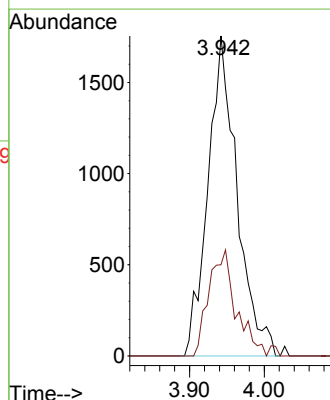
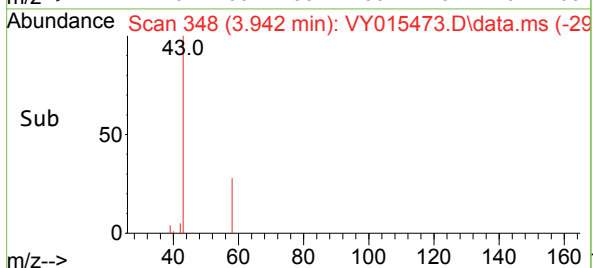
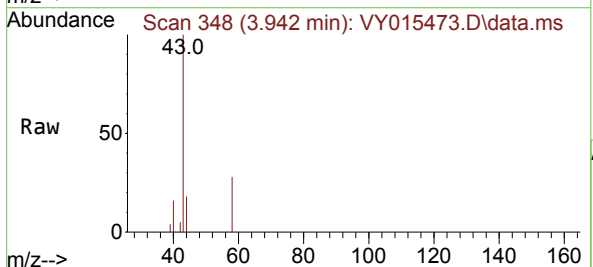


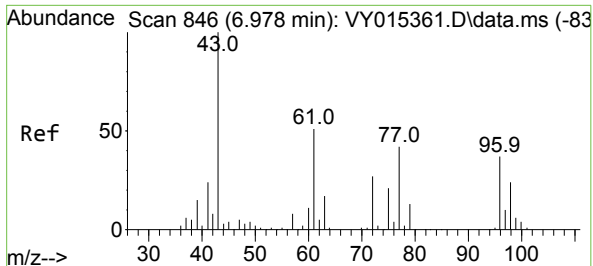
Tgt Ion:168 Resp: 361613
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 2.937 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1





#25

2-Butanone

Concen: 2.168 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

Instrument :

MSVOA_Y

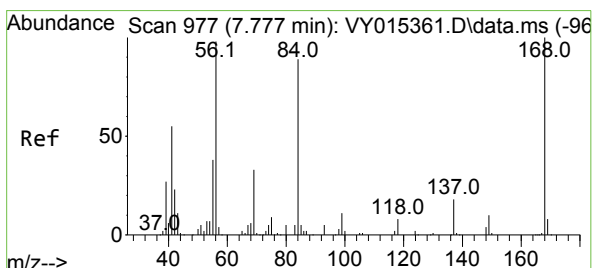
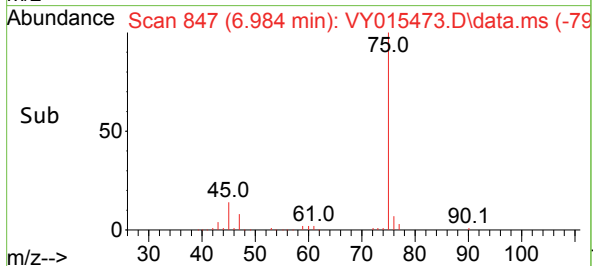
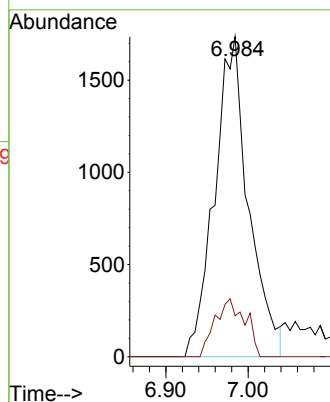
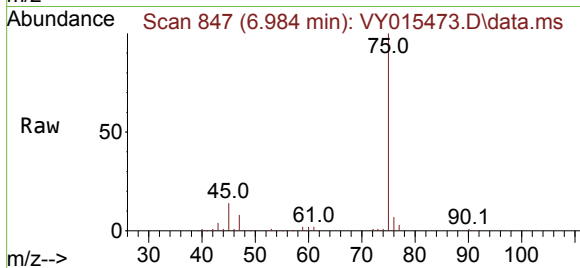
ClientSampleId :

Tgt Ion: 43 Resp: 4976

Ion Ratio Lower Upper

43 100

72 12.8 20.5 30.7#



#31

Cyclohexane

Concen: 1.092 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

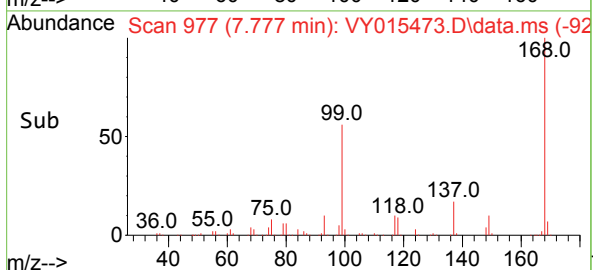
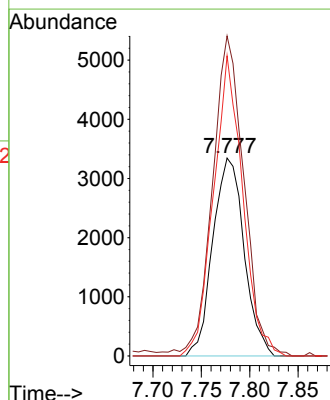
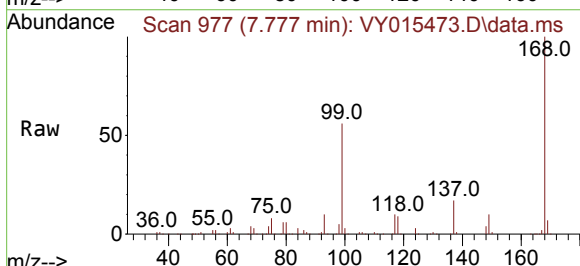
Tgt Ion: 56 Resp: 7521

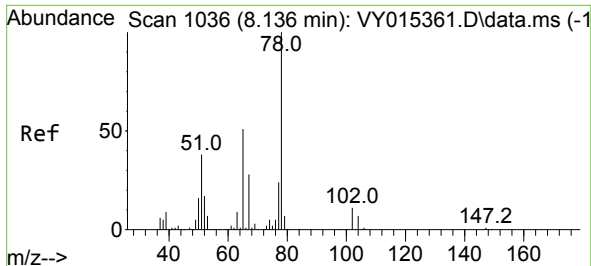
Ion Ratio Lower Upper

56 100

69 159.7 27.8 41.6#

84 151.7 66.4 99.6#

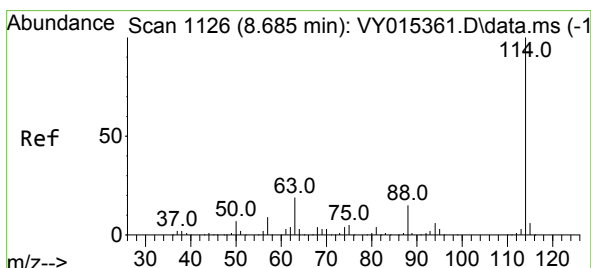
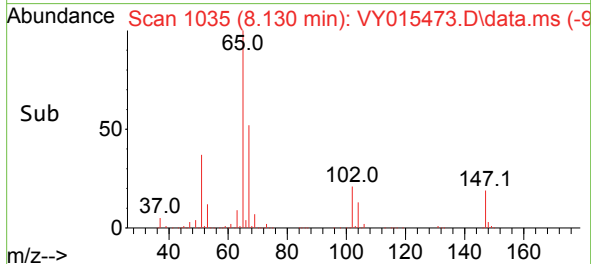
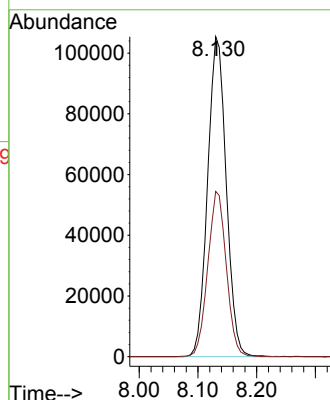
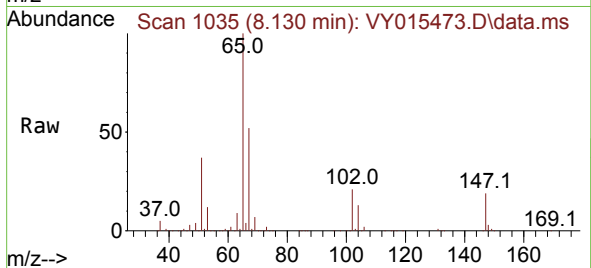




#33
1,2-Dichloroethane-d4
Concen: 59.779 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

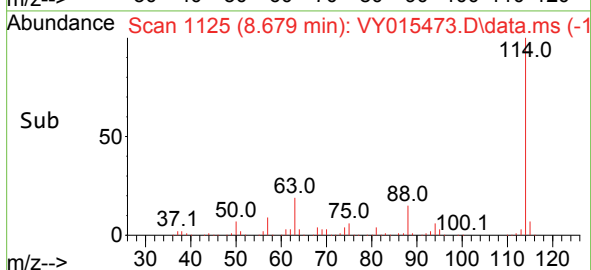
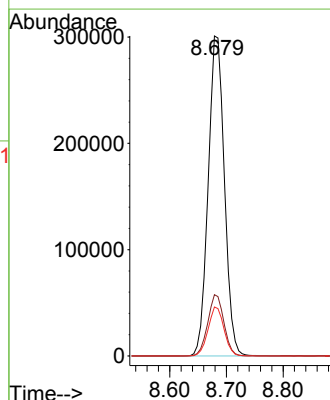
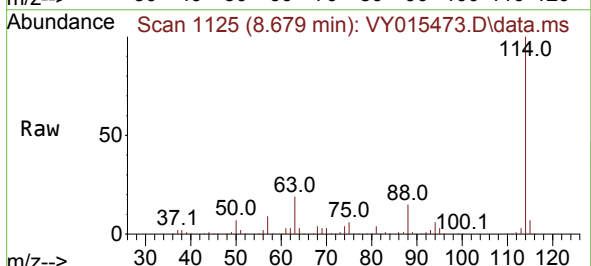
Instrument :
MSVOA_Y
ClientSampleId :

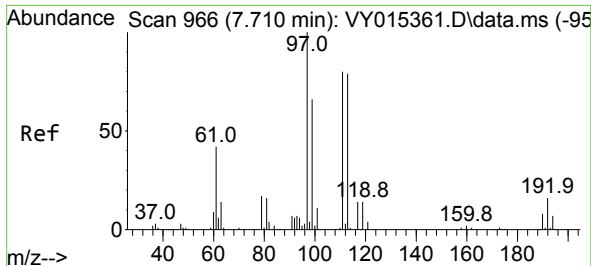
Tgt Ion: 65 Resp: 231729
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

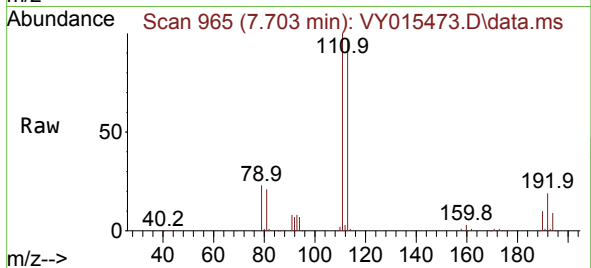
Tgt Ion:114 Resp: 597897
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.3 0.0 30.6



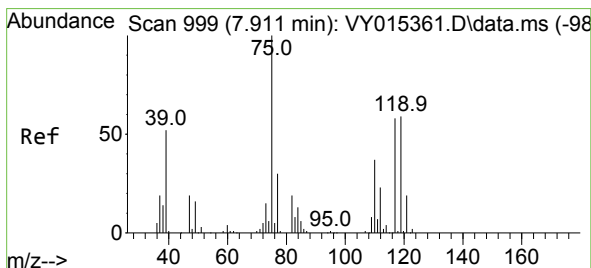
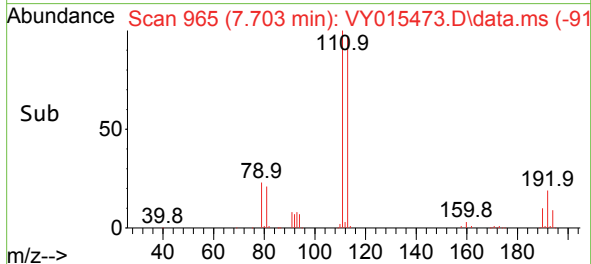
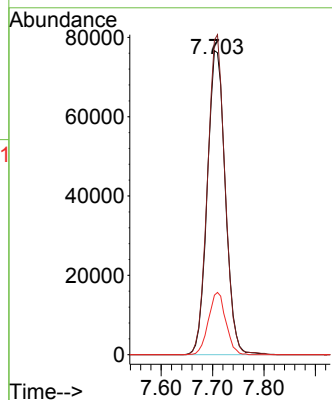


#35
Dibromofluoromethane
Concen: 54.178 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

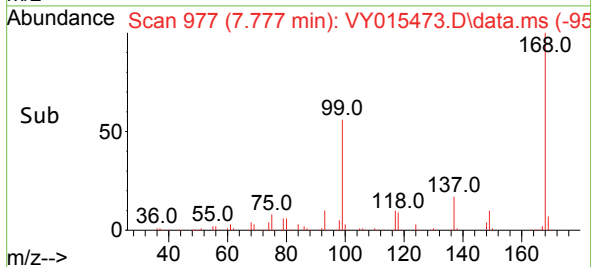
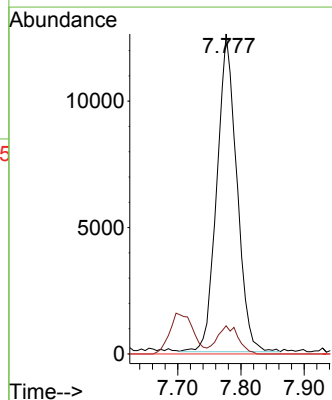
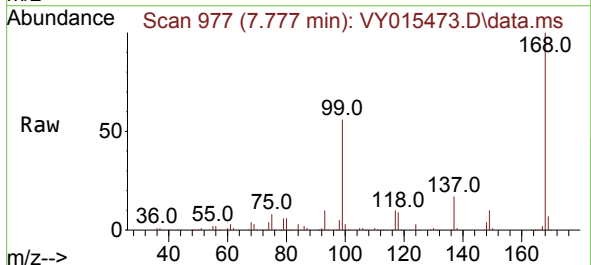


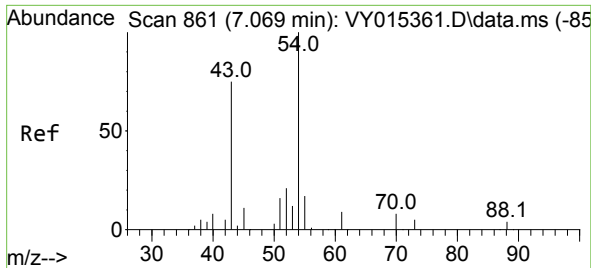
Tgt Ion:113 Resp: 186577
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Tgt Ion: 75 Resp: 27480
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#

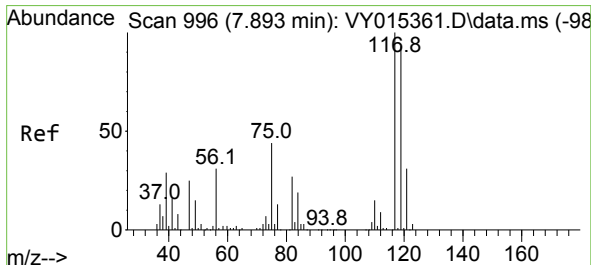
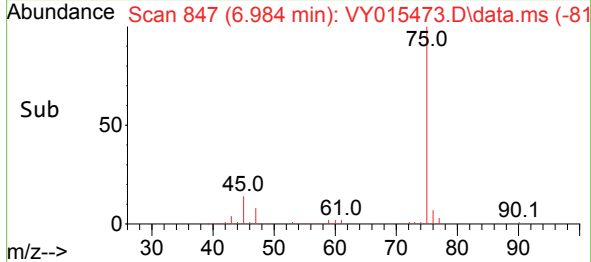
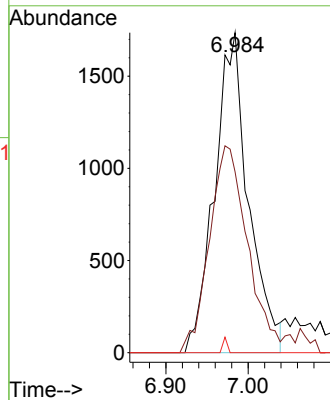
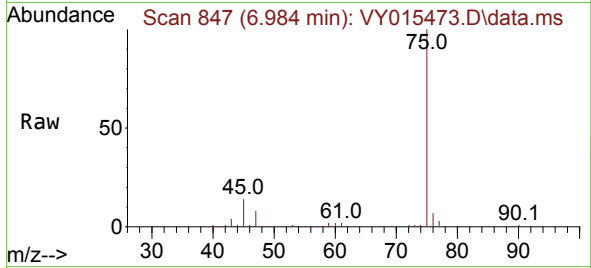




#37
Ethyl Acetate
Concen: 1.067 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

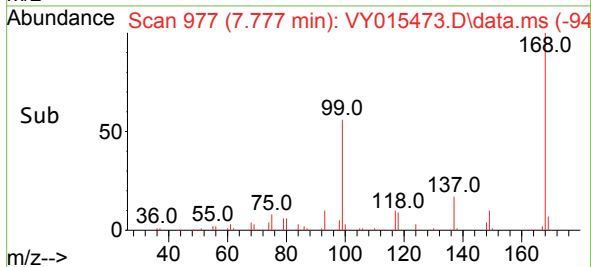
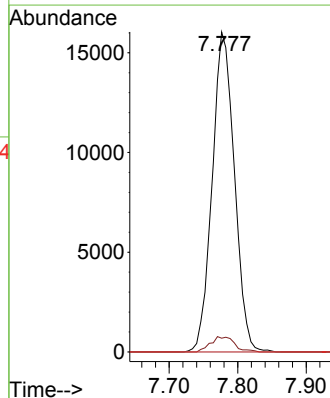
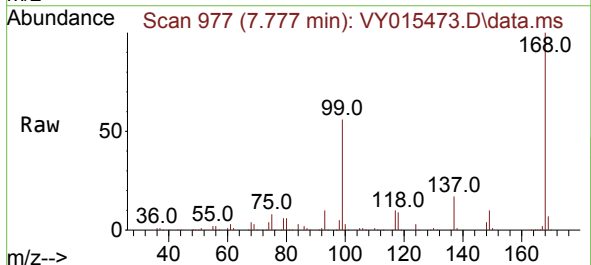
Instrument :
MSVOA_Y
ClientSampleId :

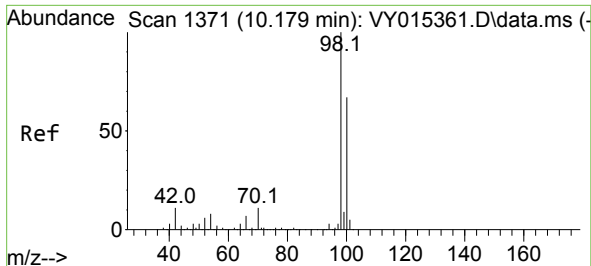
Tgt Ion: 43 Resp: 4976
Ion Ratio Lower Upper
43 100
61 73.1 10.1 15.1#
70 0.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Tgt Ion: 117 Resp: 36103
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#

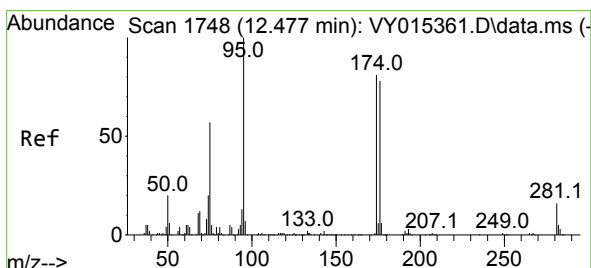
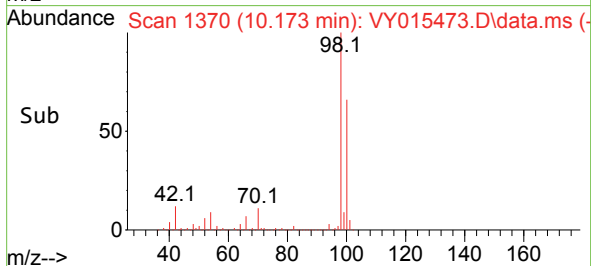
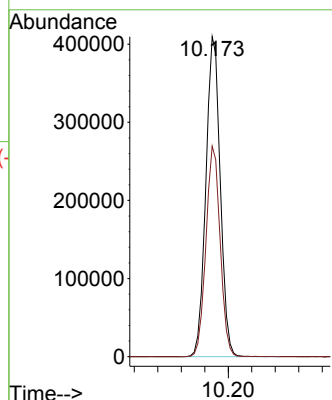
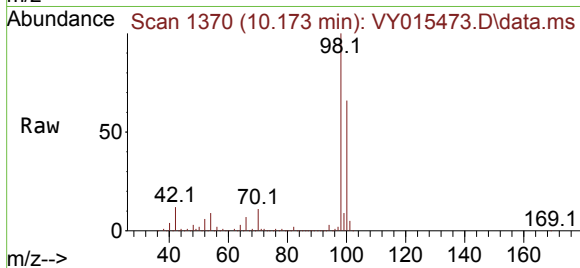




#50
Toluene-d8
Concen: 55.692 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

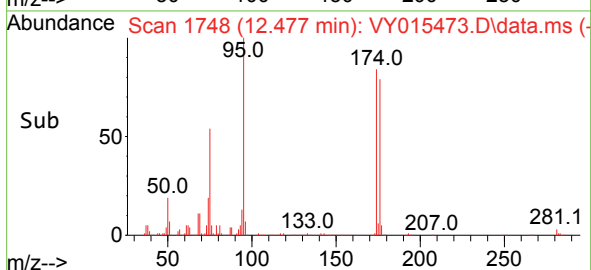
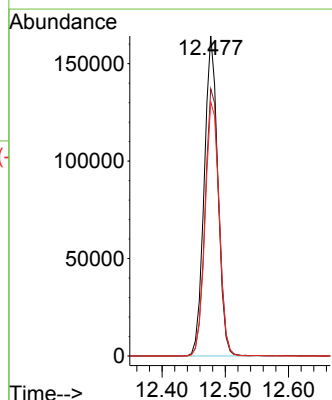
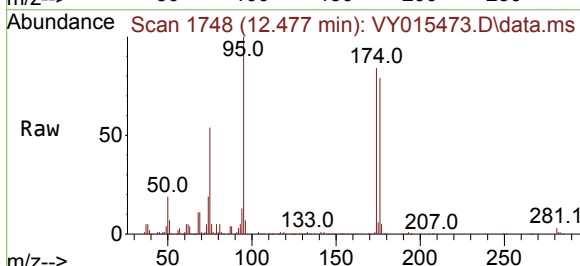
Instrument :
MSVOA_Y
ClientSampleId :

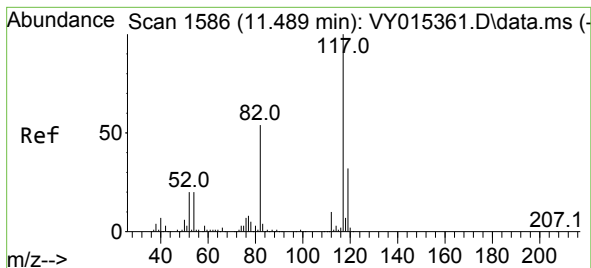
Tgt Ion: 98 Resp: 694540
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.187 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Tgt Ion: 95 Resp: 246244
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

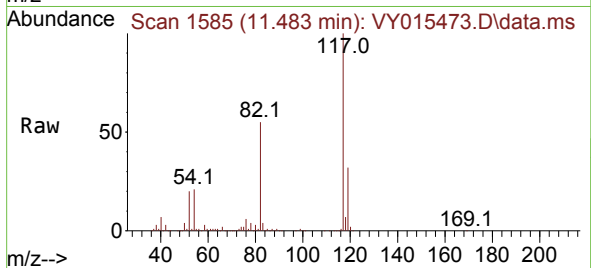
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Acq: 07 Sep 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :



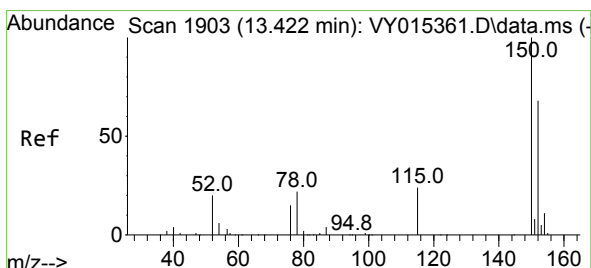
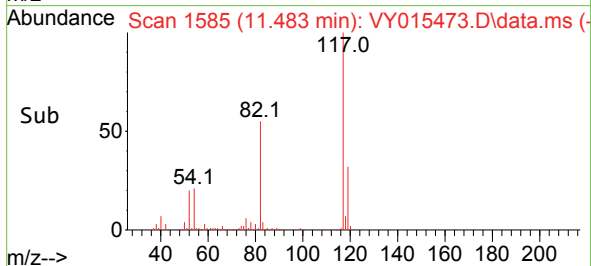
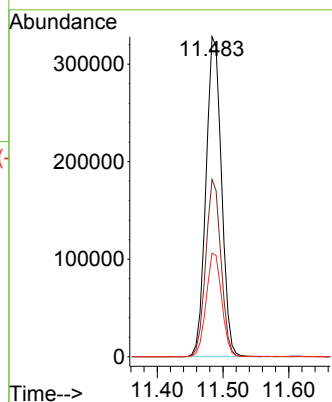
Tgt Ion:117 Resp: 539754

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 32.3 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: VY015473.D

Acq: 07 Sep 2023 17:44

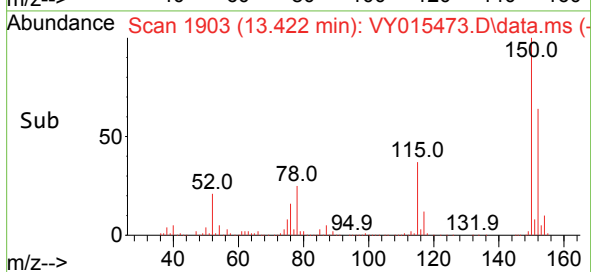
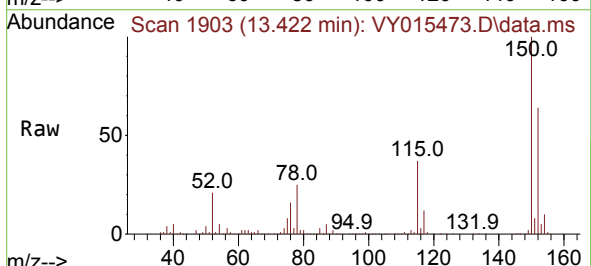
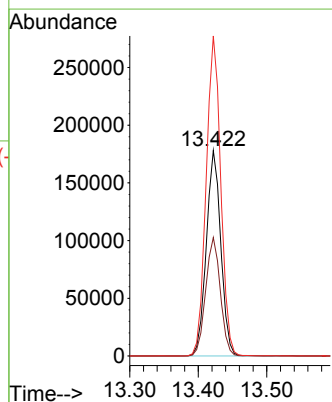
Tgt Ion:152 Resp: 262368

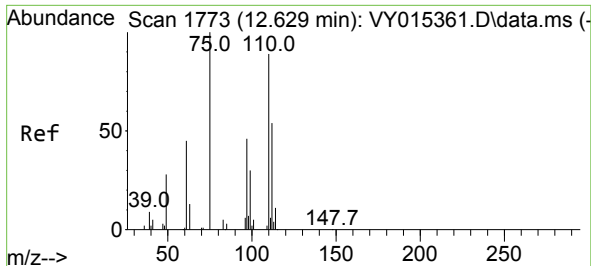
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.6 0.0 348.8

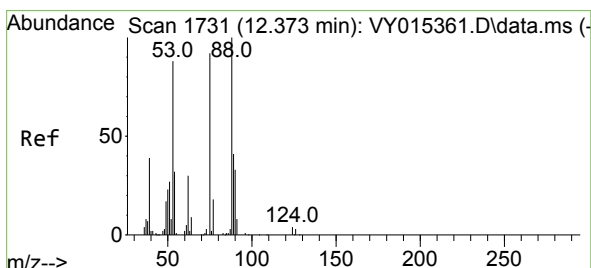
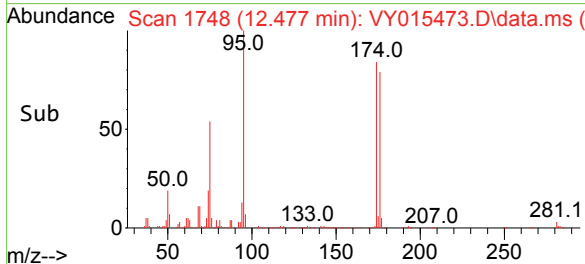
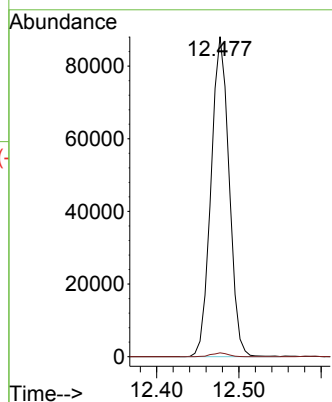
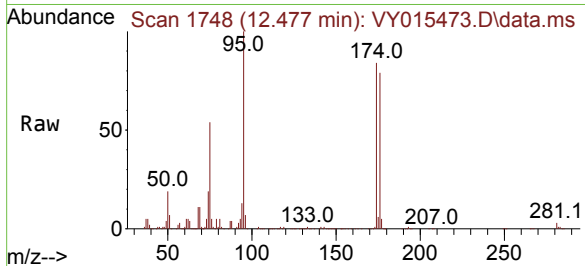




#76
1,2,3-Trichloropropane
Concen: 38.765 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 134873
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.511 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Tgt Ion: 75 Resp: 134873
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

