

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015494.D
 Acq On : 11 Sep 2023 18:03
 Operator : SY/MD
 Sample : 04374-01
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:20:53 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

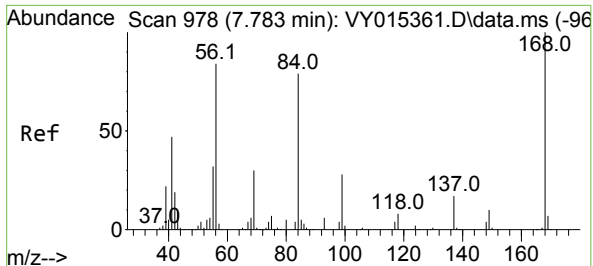
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	364861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	601250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	532598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	248879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	219063	56.008	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 112.020%		
35) Dibromofluoromethane	7.710	113	188072	54.308	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.620%		
50) Toluene-d8	10.179	98	699906	55.809	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 111.620%		
62) 4-Bromofluorobenzene	12.477	95	236306	50.756	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 101.520%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	259	Below Cal	#	89
13) Acrolein	3.735	56	19	11.662	ug/l #	14
16) Acetone	3.954	43	3186	1.952	ug/l #	86
20) Methylene Chloride	4.704	84	16735	Below Cal		92
31) Cyclohexane	7.783	56	8005	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	27579	4.535	ug/l #	51
38) Carbon Tetrachloride	7.783	117	35699	5.684	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	126821	38.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	126821	84.764	ug/l #	10

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

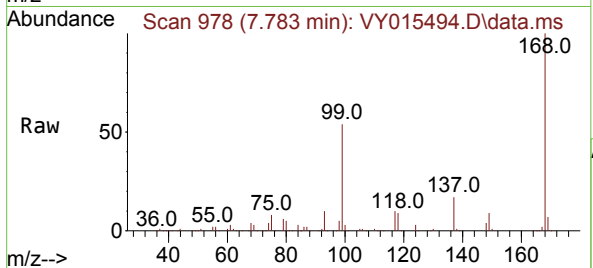
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



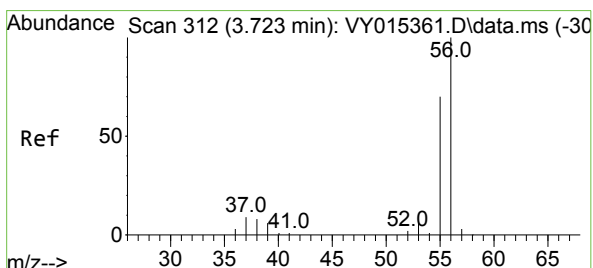
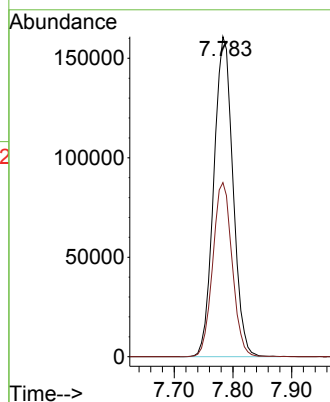
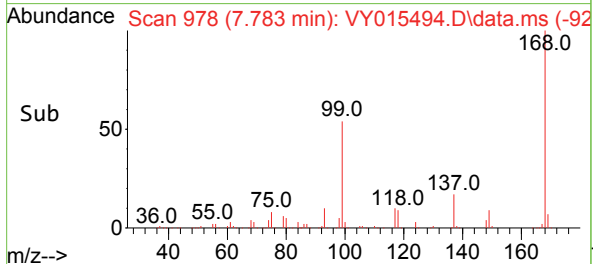


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :

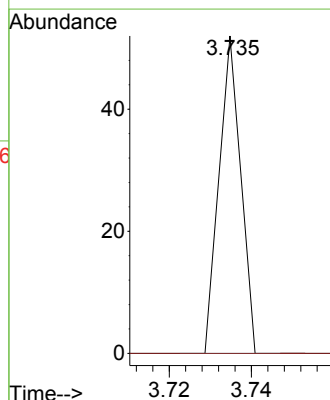
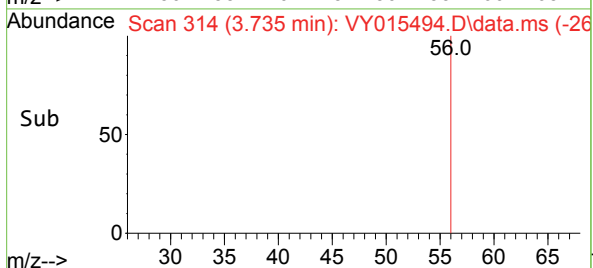
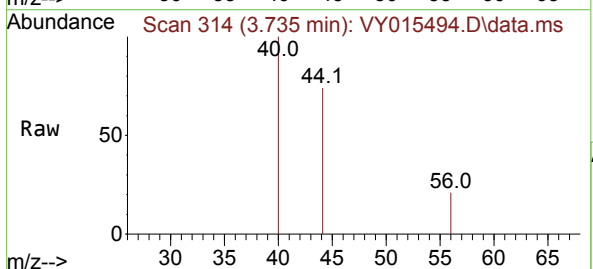


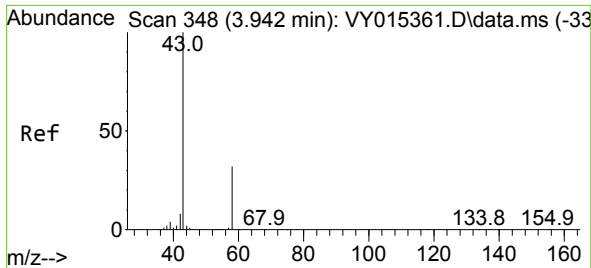
Tgt Ion:168 Resp: 364861
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#13
Acrolein
Concen: 11.662 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

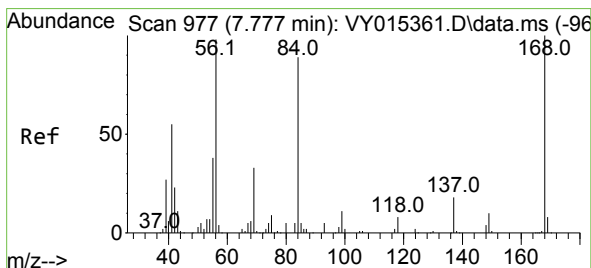
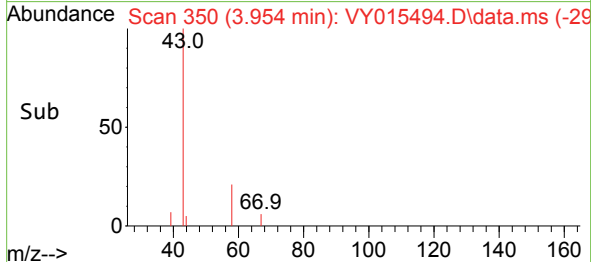
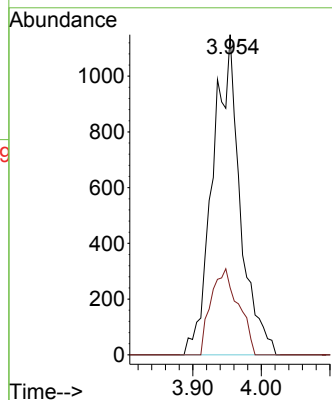
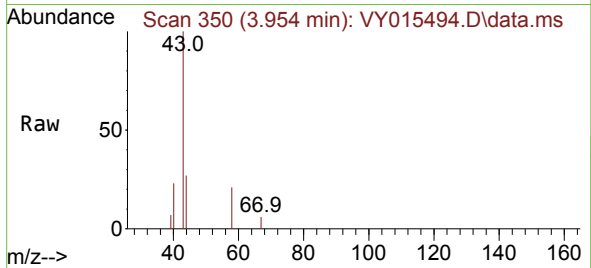




#16
Acetone
Concen: 1.952 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

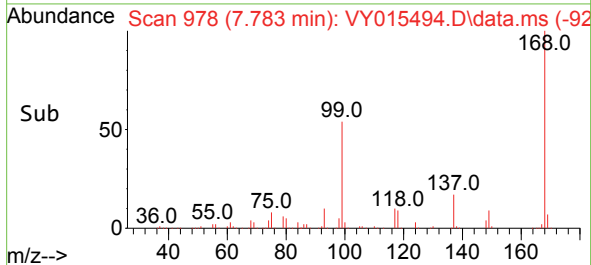
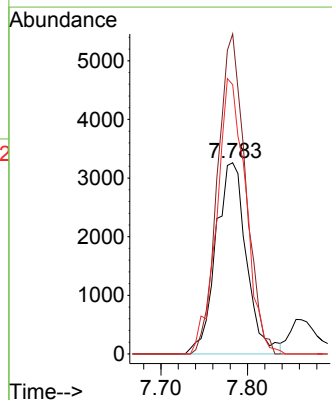
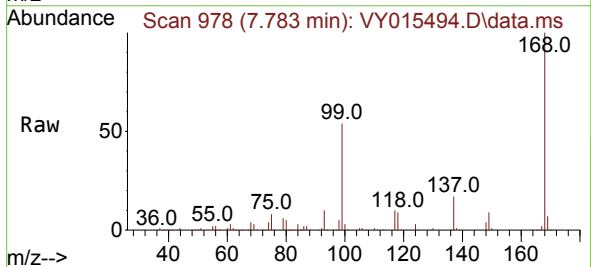
Instrument :
MSVOA_Y
ClientSampleId :

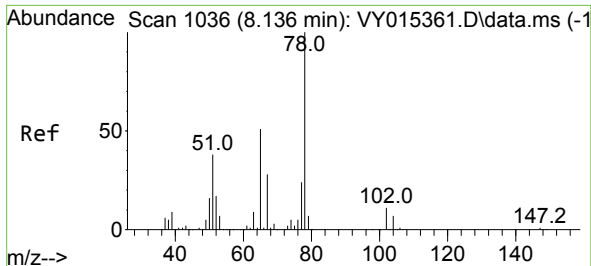
Tgt Ion: 43 Resp: 3186
Ion Ratio Lower Upper
43 100
58 21.0 22.7 34.1#



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Tgt Ion: 56 Resp: 8005
Ion Ratio Lower Upper
56 100
69 167.4 27.8 41.6#
84 140.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.008 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015494.D

Acq: 11 Sep 2023 18:03

Instrument :

MSVOA_Y

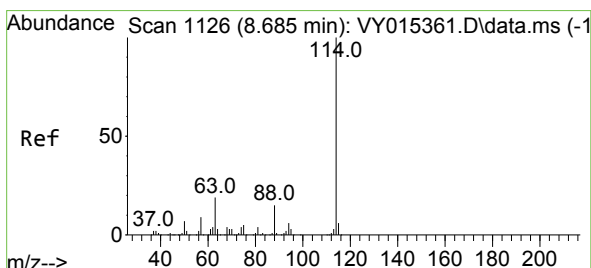
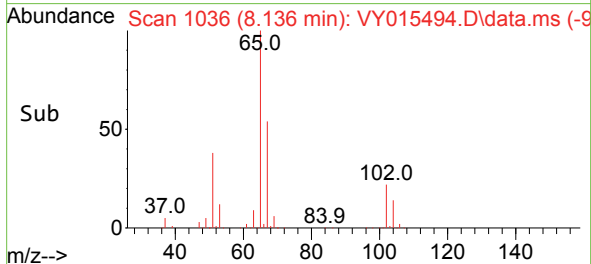
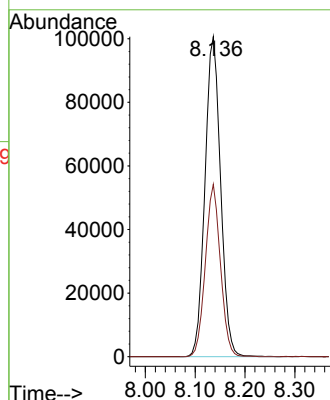
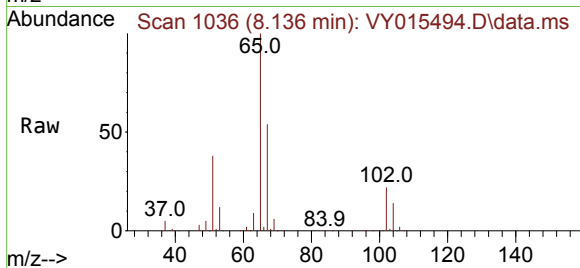
ClientSampleId :

Tgt Ion: 65 Resp: 219063

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: VY015494.D

Acq: 11 Sep 2023 18:03

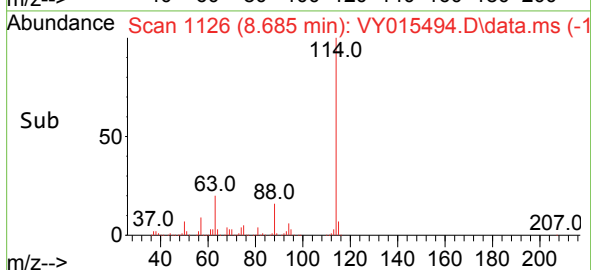
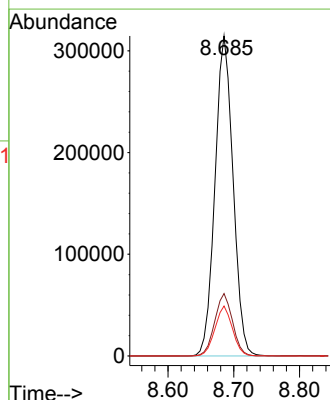
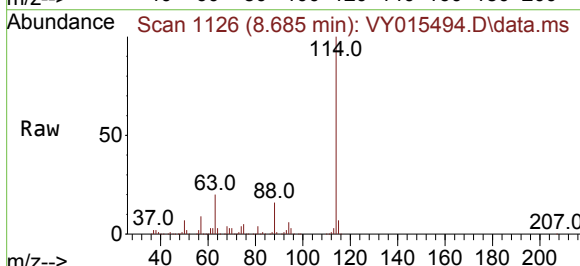
Tgt Ion: 114 Resp: 601250

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.6 0.0 30.6

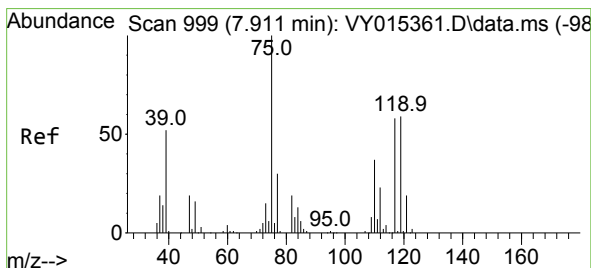
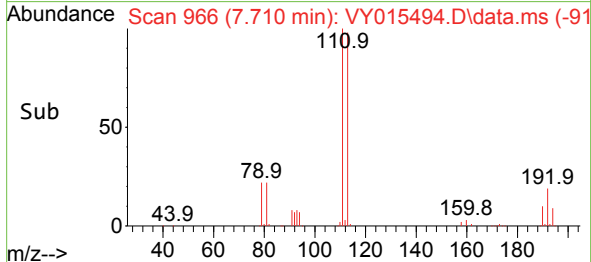
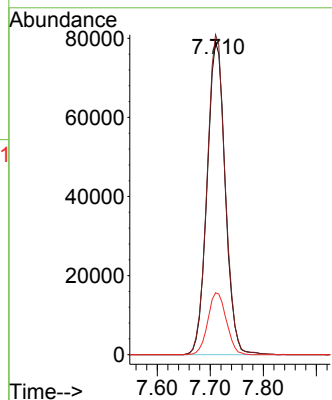
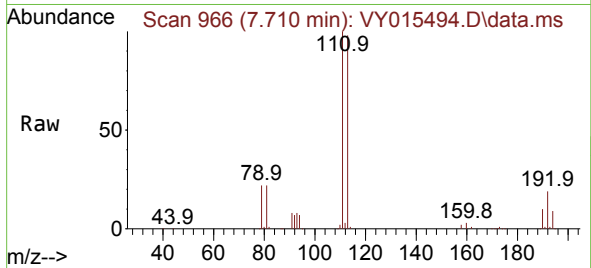




#35
Dibromofluoromethane
Concen: 54.308 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

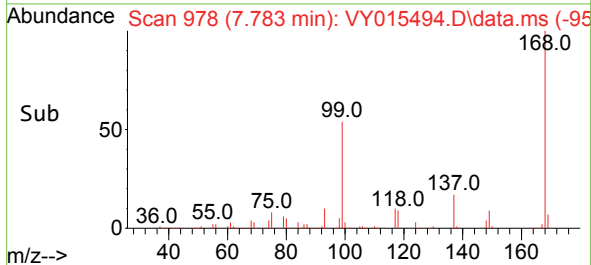
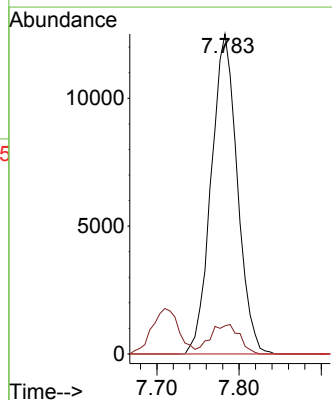
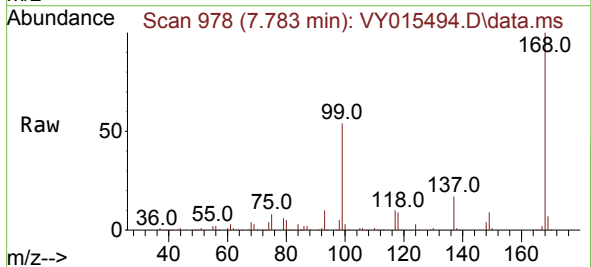
Instrument :
MSVOA_Y
ClientSampleId :

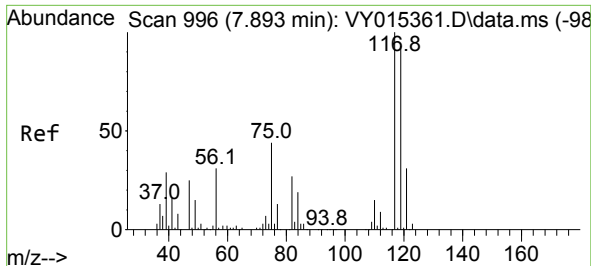
Tgt Ion:113 Resp: 188072
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

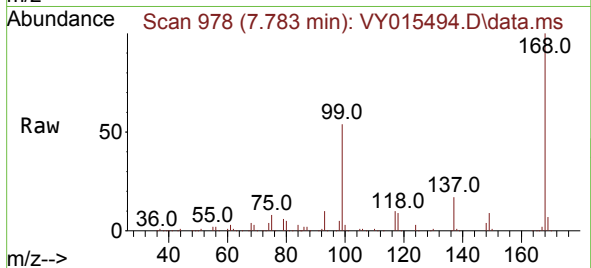
Tgt Ion: 75 Resp: 27579
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 24.4 36.6#



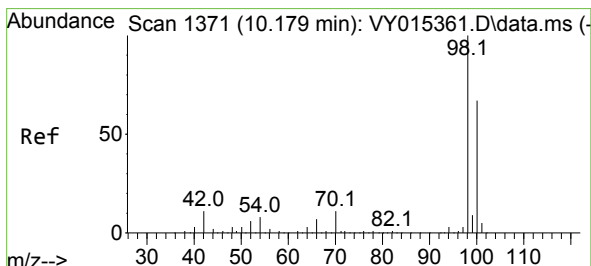
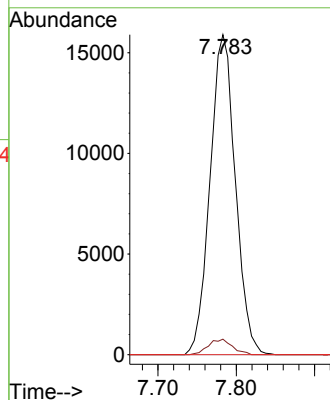
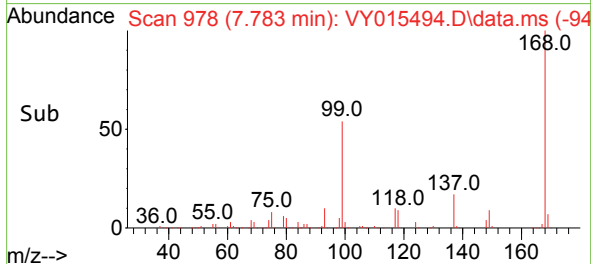


#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :

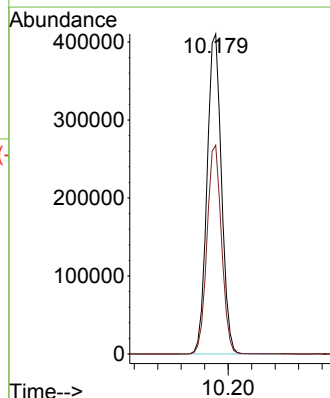
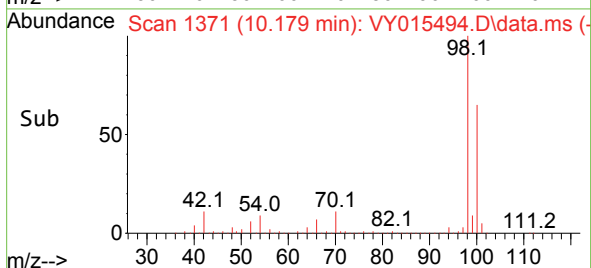
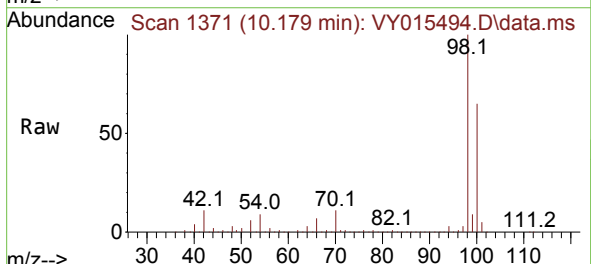


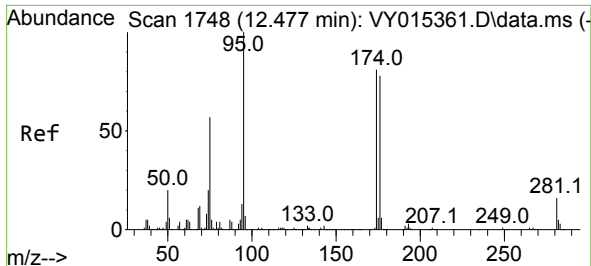
Tgt Ion:117 Resp: 35699
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.809 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Tgt Ion: 98 Resp: 699906
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

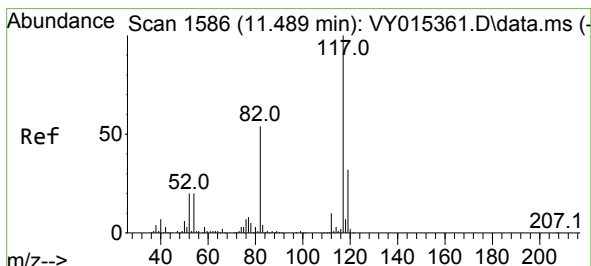
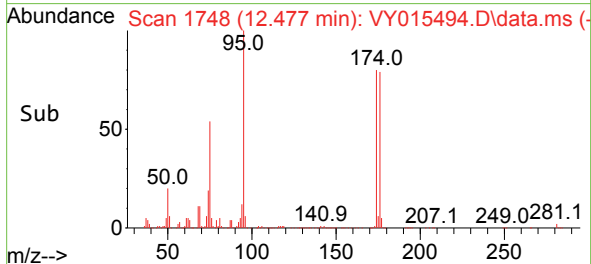
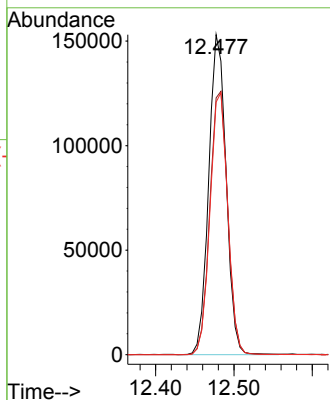
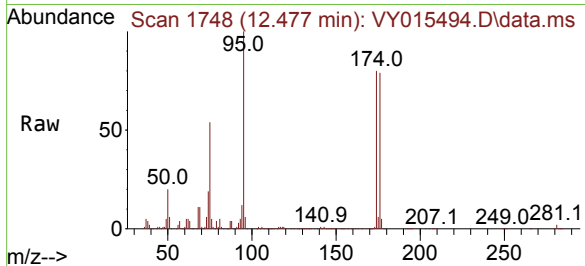




#62
4-Bromofluorobenzene
Concen: 50.756 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

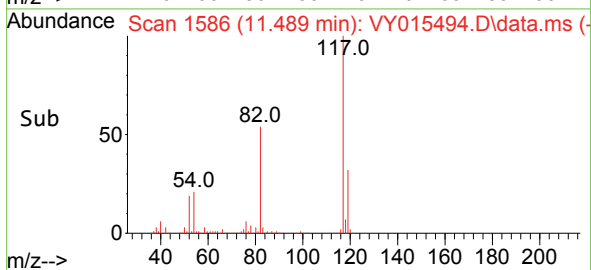
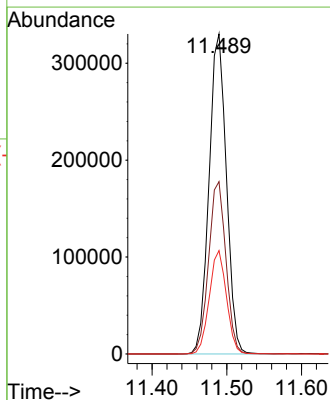
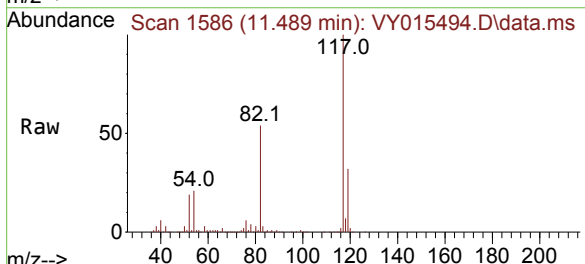
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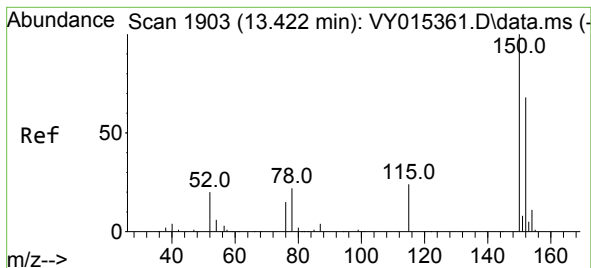
Tgt Ion: 95 Resp: 236306
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

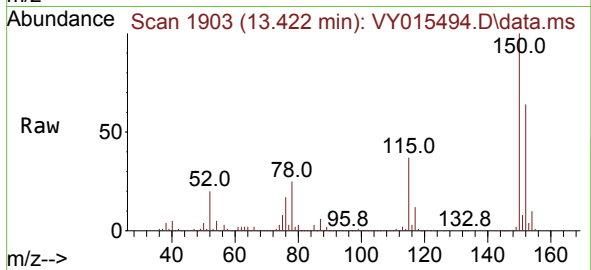
Tgt Ion: 117 Resp: 532598
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.3 26.3 39.5



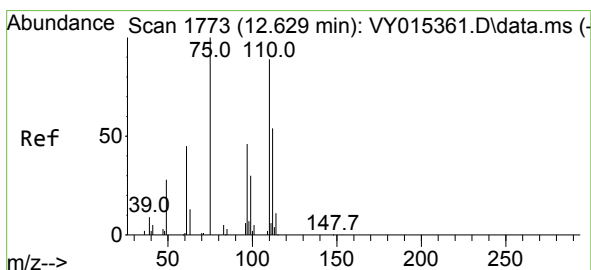
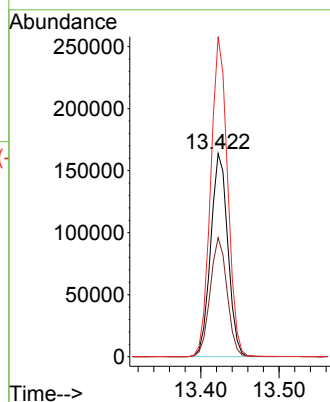
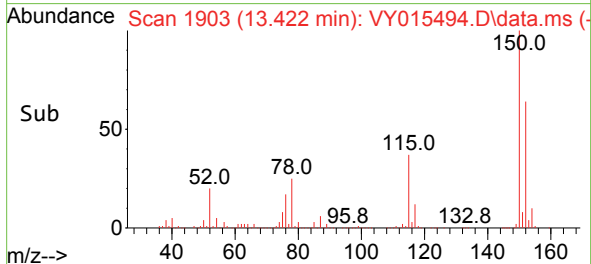


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :

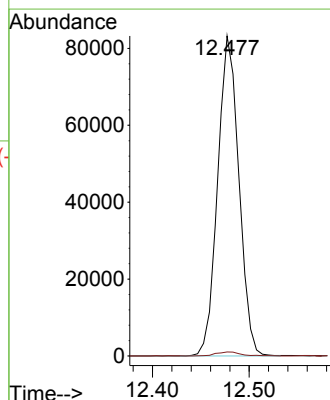
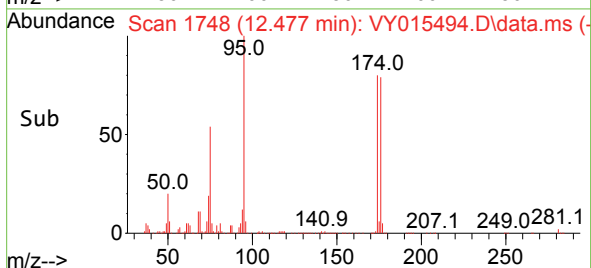
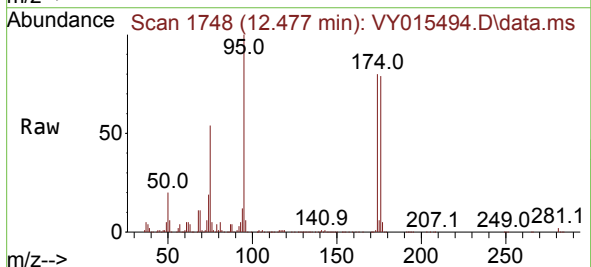


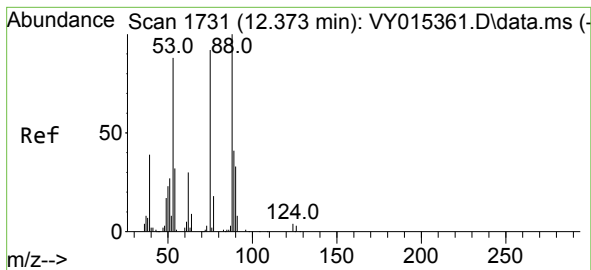
Tgt Ion:152 Resp: 248879
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 155.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 38.426 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015494.D
Acq: 11 Sep 2023 18:03

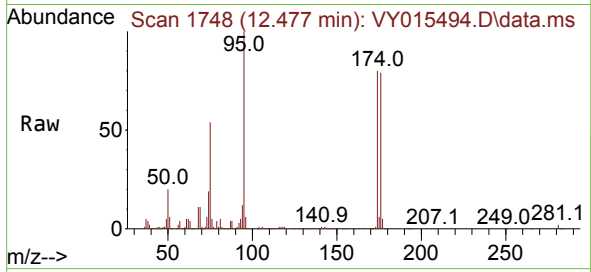
Tgt Ion: 75 Resp: 126821
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.764 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015494.D
 Acq: 11 Sep 2023 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 126821
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

