

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015414.D
 Acq On : 01 Sep 2023 14:44
 Operator : SY/MD
 Sample : 04256-09
 Misc : 3.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

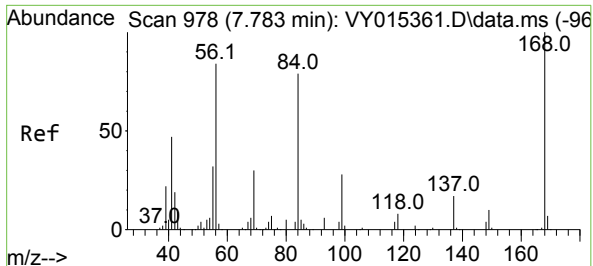
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-8R-4R-9

Quant Time: Sep 01 23:41:52 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	7.789	168	129579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85640	61.653	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.300%			
35) Dibromofluoromethane	7.716	113	68955	54.817	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.640%			
50) Toluene-d8	10.179	98	262284	57.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.160%			
62) 4-Bromofluorobenzene	12.477	95	91233	53.948	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.900%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	1459	Below Cal	#	96
16) Acetone	3.942	43	3311	5.711	ug/l	90
20) Methylene Chloride	4.710	84	29722	10.875	ug/l	93
25) 2-Butanone	6.978	43	1904	2.315	ug/l	# 74
26) 2,2-Dichloropropane	6.972	77	2217	1.007	ug/l	# 54
31) Cyclohexane	7.789	56	2865	1.161	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	10206	4.621	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	13130	5.756	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	49805	37.191	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	49805	82.039	ug/l	# 11

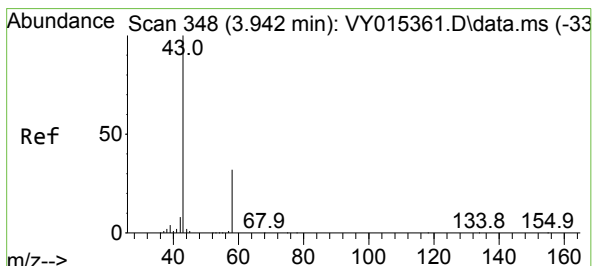
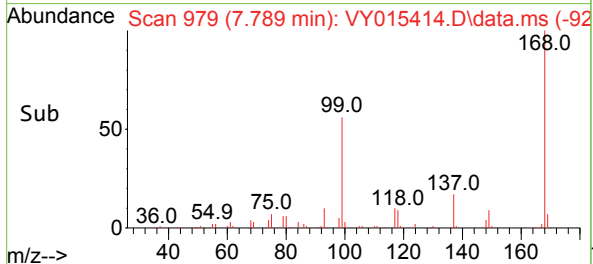
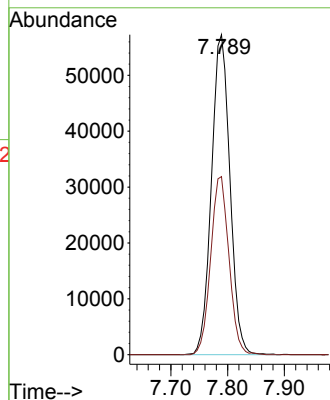
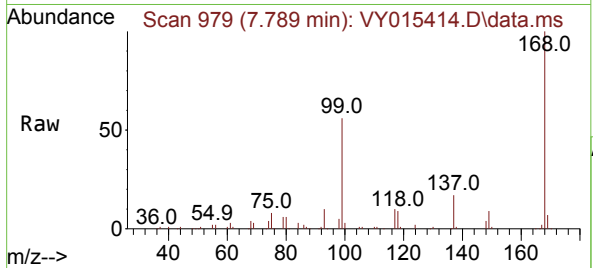
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

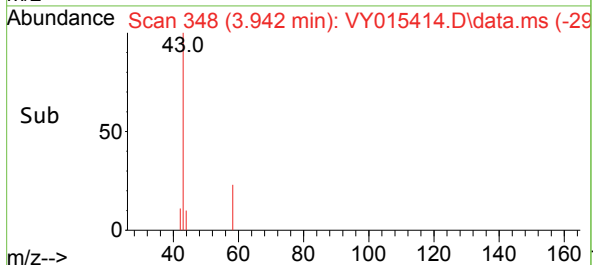
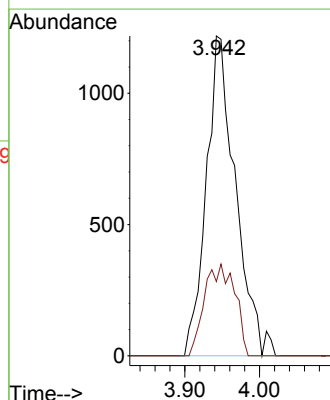
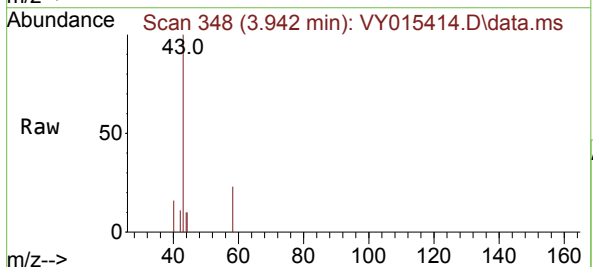
Instrument :
MSVOA_Y
ClientSampleId :
MW-8R-4R-9

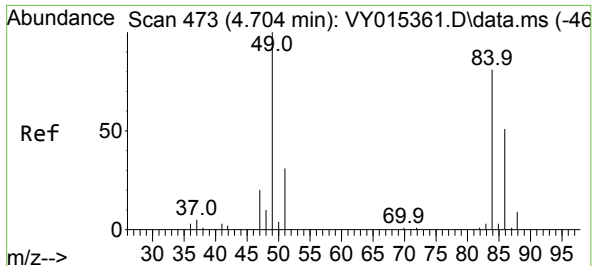
Tgt Ion:168 Resp: 129579
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 5.711 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 43 Resp: 3311
Ion Ratio Lower Upper
43 100
58 23.2 22.7 34.1

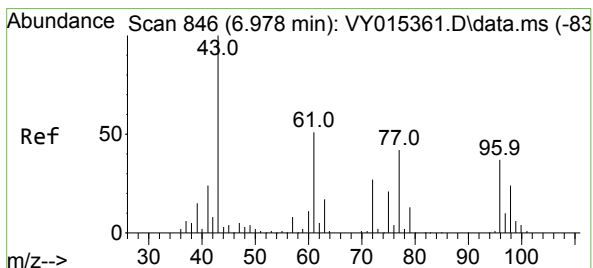
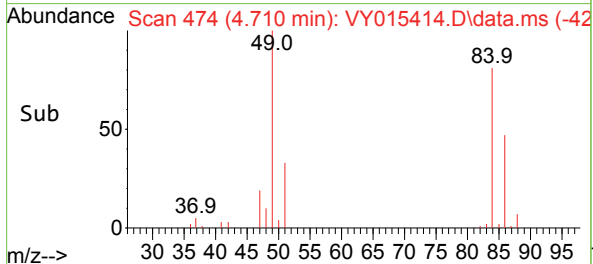
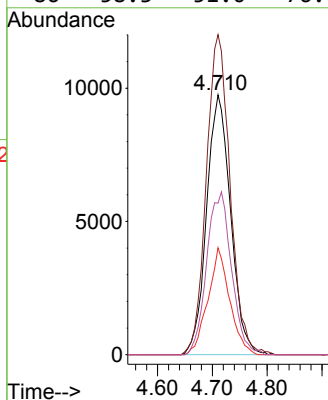
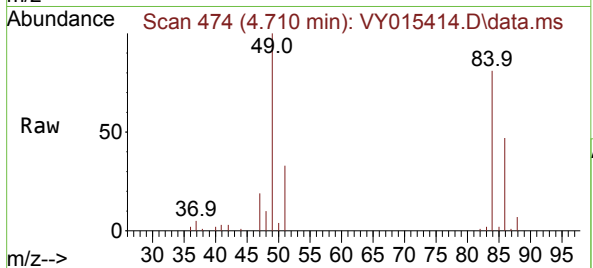




#20
Methylene Chloride
Concen: 10.875 ug/l
RT: 4.710 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

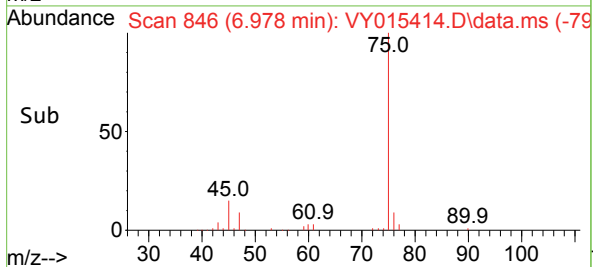
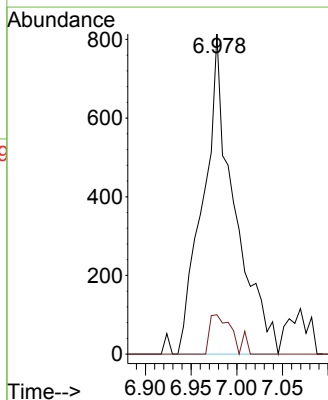
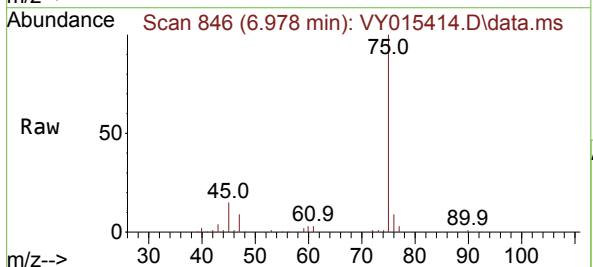
Instrument :
MSVOA_Y
ClientSampleId :
MW-8R-4R-9

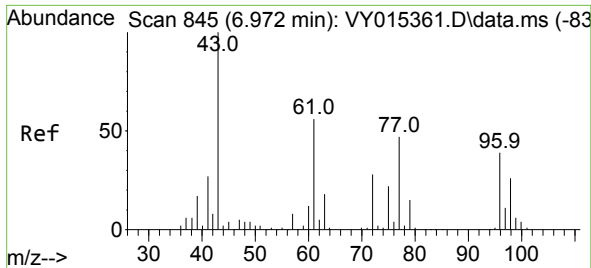
Tgt Ion:	84	Resp:	29722
Ion	Ratio	Lower	Upper
84	100		
49	123.2	106.9	160.3
51	41.1	33.2	49.8
86	58.3	51.0	76.6



#25
2-Butanone
Concen: 2.315 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion:	43	Resp:	1904
Ion	Ratio	Lower	Upper
43	100		
72	12.3	20.5	30.7#

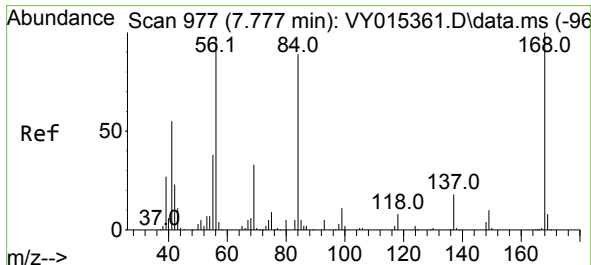
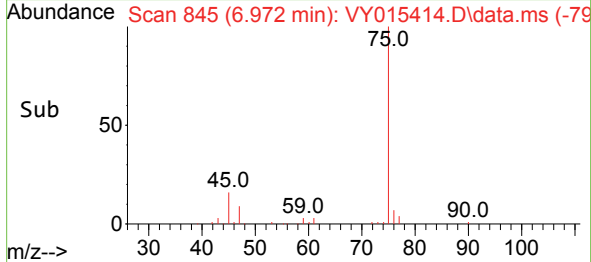
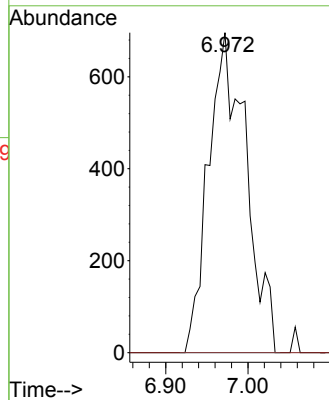
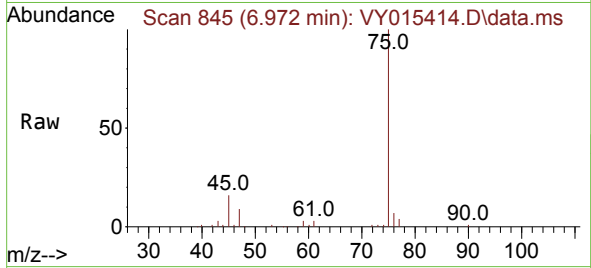




#26
2,2-Dichloropropane
Concen: 1.007 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

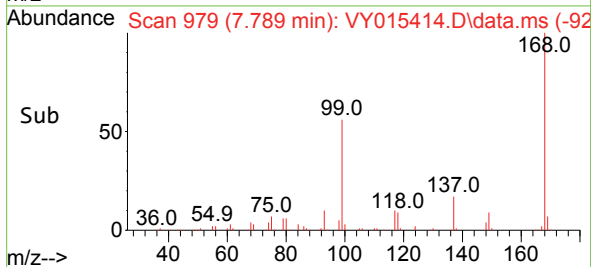
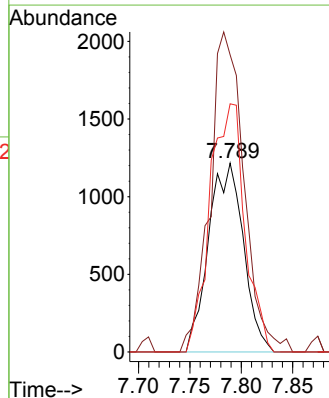
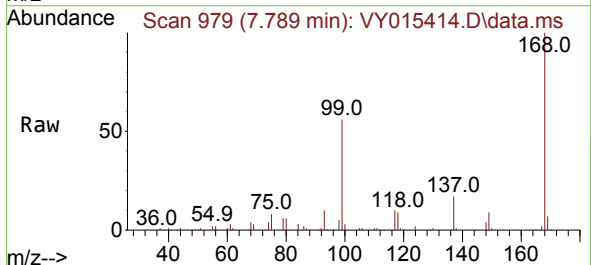
Instrument :
MSVOA_Y
ClientSampleId :
MW-8R-4R-9

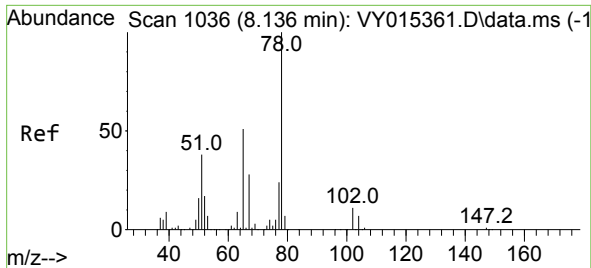
Tgt Ion: 77 Resp: 2217
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 56 Resp: 2865
Ion Ratio Lower Upper
56 100
69 157.4 27.8 41.6#
84 131.4 66.4 99.6#

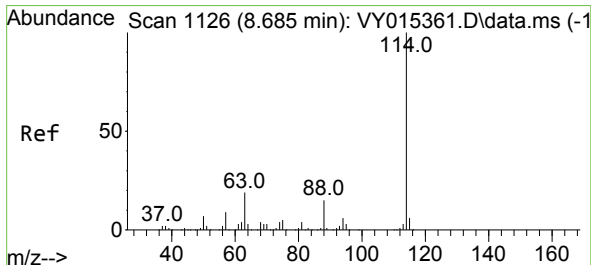
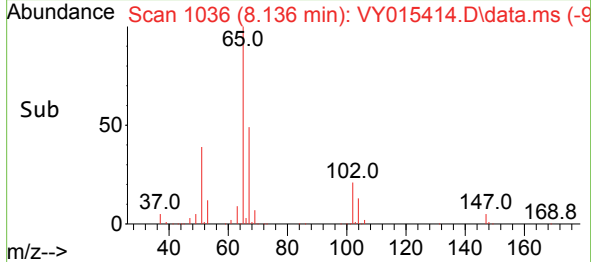
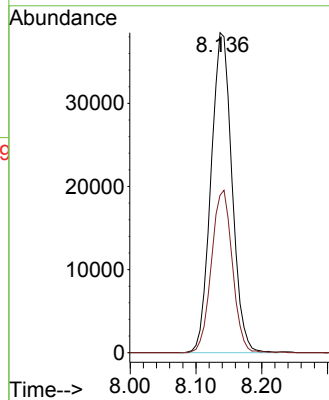
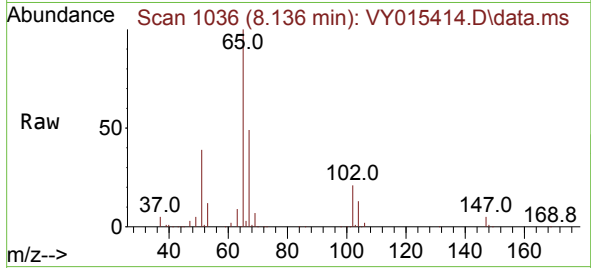




#33
1,2-Dichloroethane-d4
Concen: 61.653 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

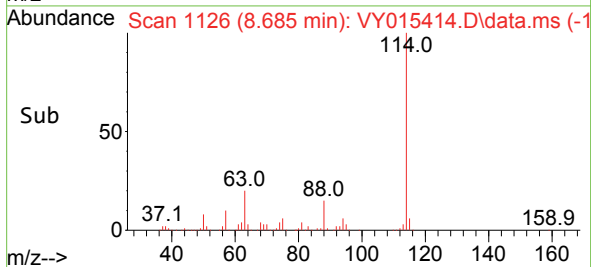
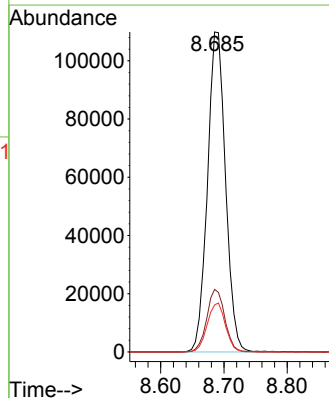
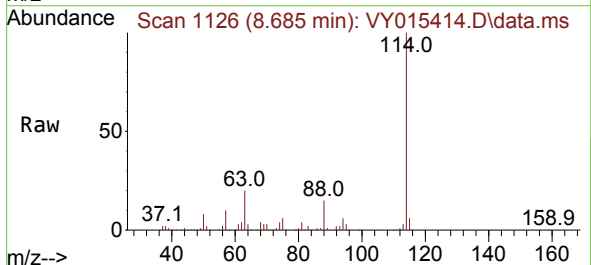
Instrument :
MSVOA_Y
ClientSampleId :
MW-8R-4R-9

Tgt Ion: 65 Resp: 85640
Ion Ratio Lower Upper
65 100
67 50.5 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: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 114 Resp: 218395
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 14.7 0.0 30.6

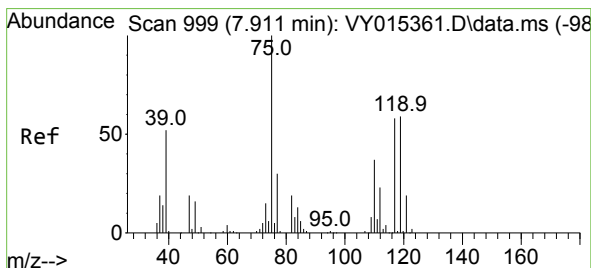
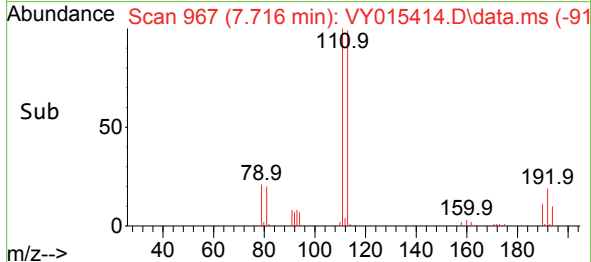
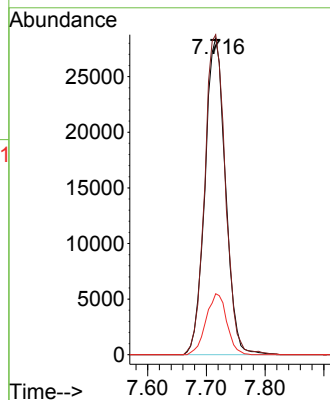
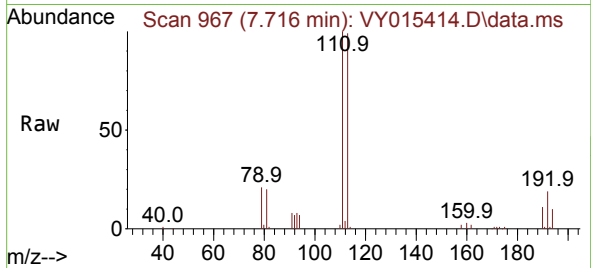




#35
Dibromofluoromethane
Concen: 54.817 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

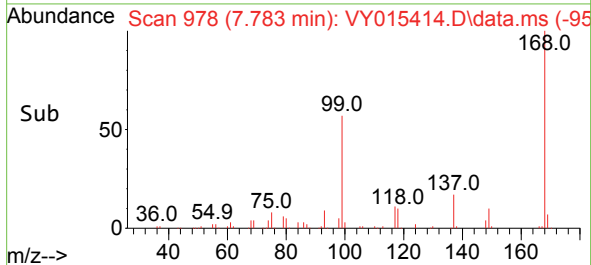
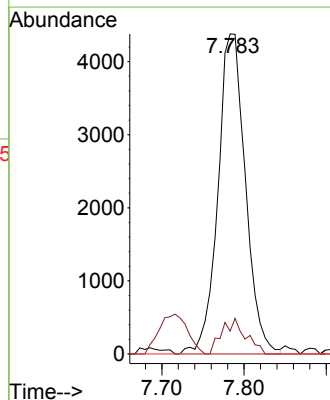
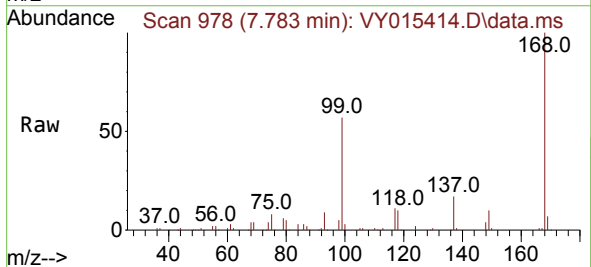
Instrument :
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ClientSampleId :
MW-8R-4R-9

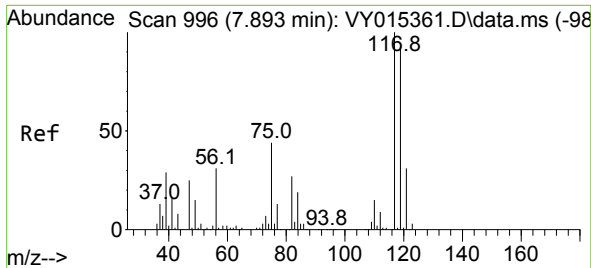
Tgt Ion:113 Resp: 68955
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

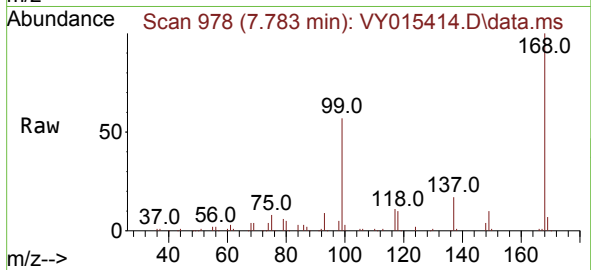
Tgt Ion: 75 Resp: 10206
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



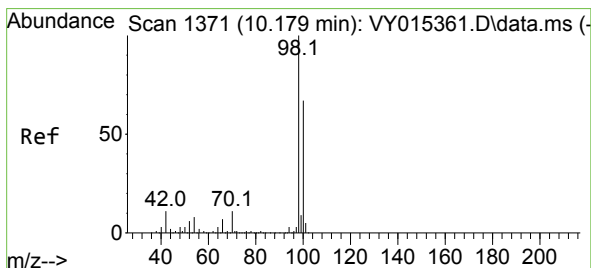
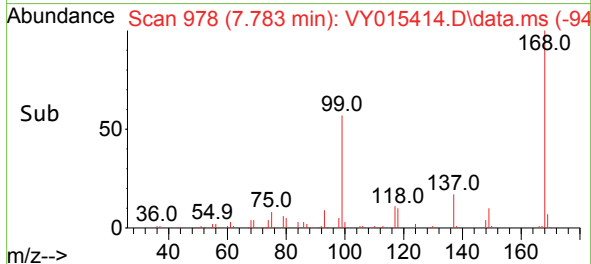
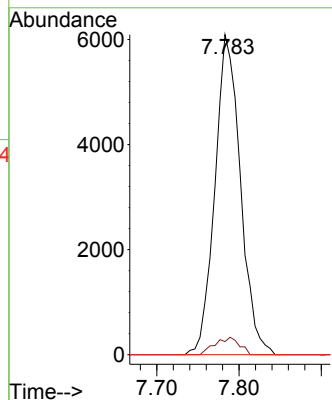


#38
Carbon Tetrachloride
Concen: 5.756 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Instrument :
MSVOA_Y
ClientSampleId :
MW-8R-4R-9

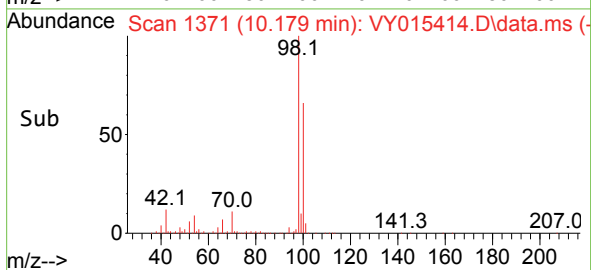
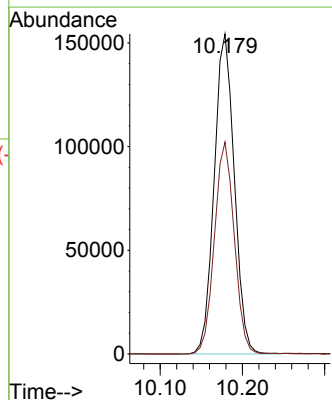
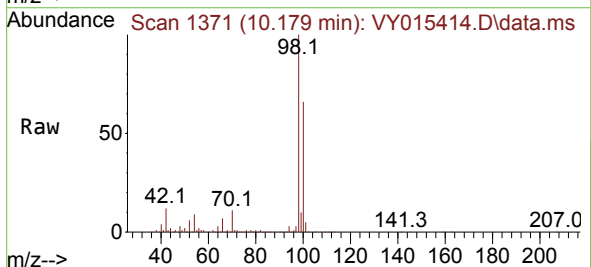


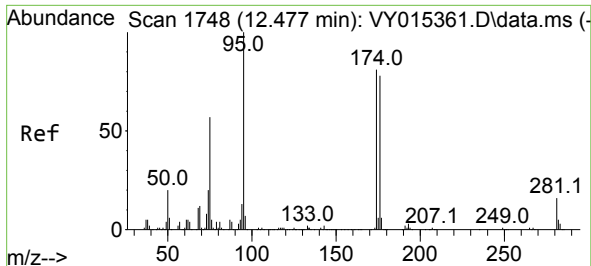
Tgt Ion:117 Resp: 13130
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.577 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 98 Resp: 262284
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

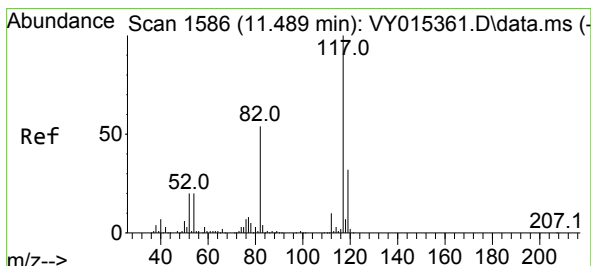
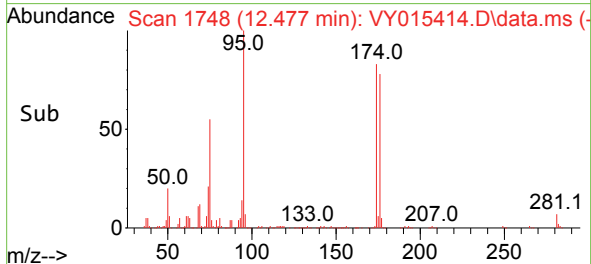
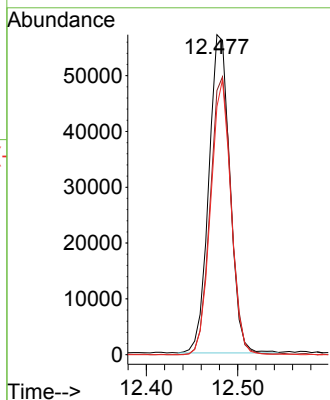
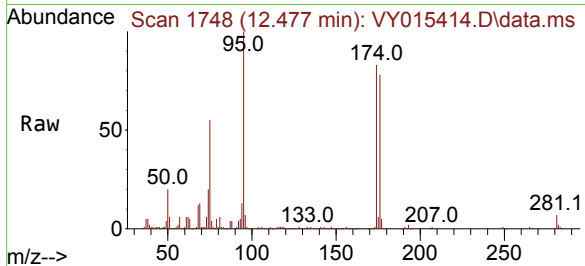




#62
4-Bromofluorobenzene
Concen: 53.948 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

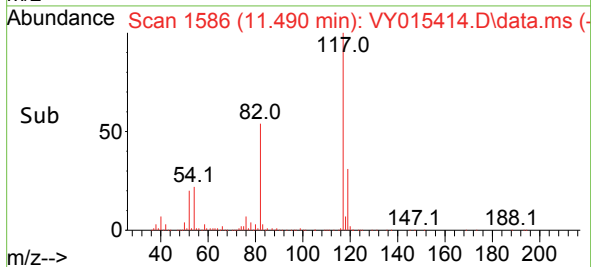
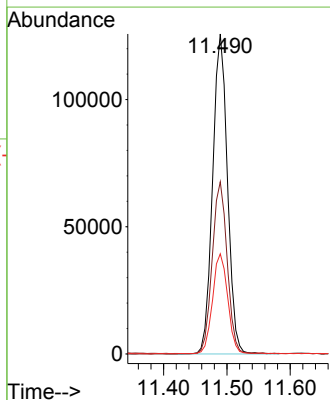
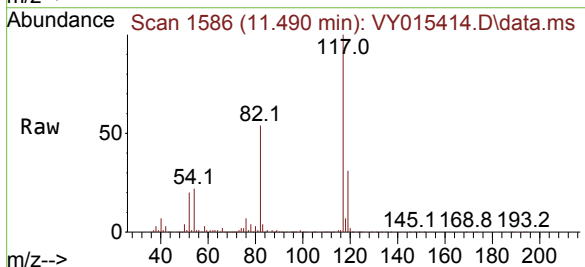
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ClientSampleId :
MW-8R-4R-9

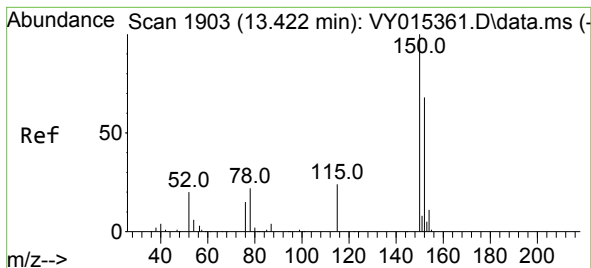
Tgt Ion: 95 Resp: 91233
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015414.D
Acq: 01 Sep 2023 14:44

Tgt Ion: 117 Resp: 204455
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.2 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: VY015414.D

Acq: 01 Sep 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

MW-8R-4R-9

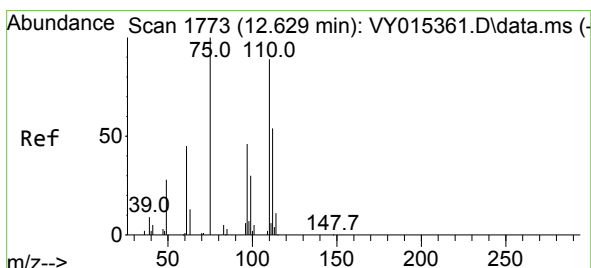
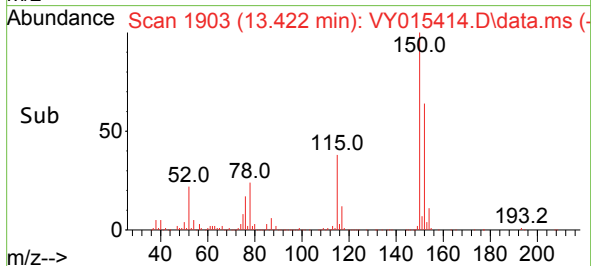
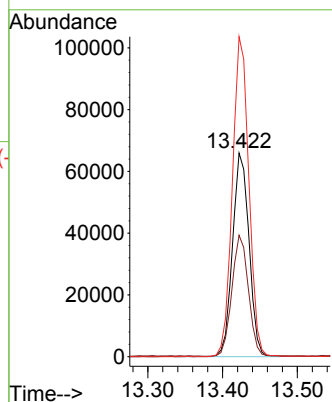
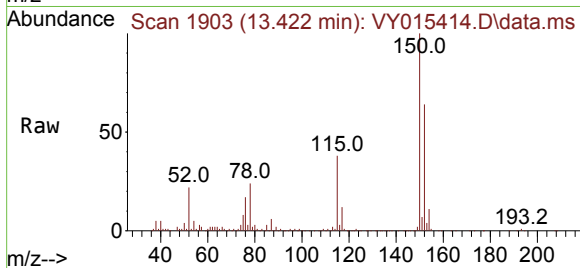
Tgt Ion:152 Resp: 100985

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 156.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.191 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015414.D

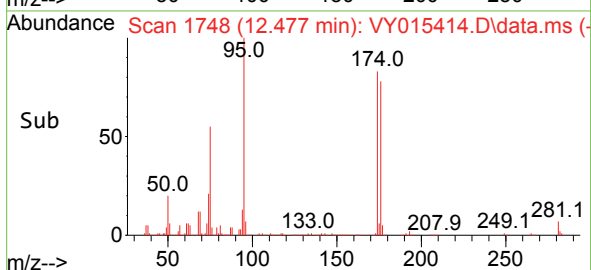
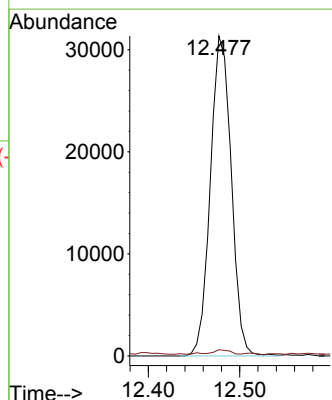
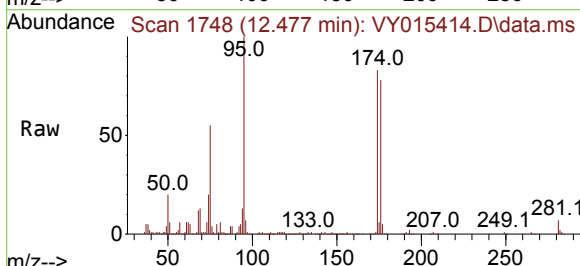
Acq: 01 Sep 2023 14:44

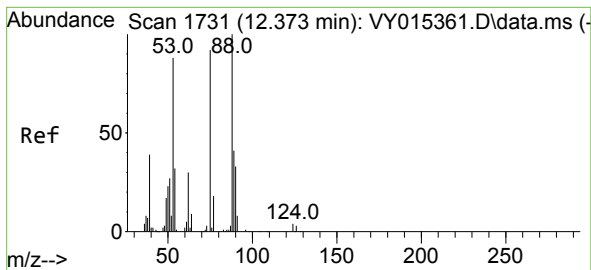
Tgt Ion: 75 Resp: 49805

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.039 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015414.D
 Acq: 01 Sep 2023 14:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-8R-4R-9

Tgt Ion: 75 Resp: 49805
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.2 37.4 56.0#

