

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014078.D
 Acq On : 08 Jun 2023 17:15
 Operator : KP/MD
 Sample : 03092-04
 Misc : 7.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jun 09 04:22:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

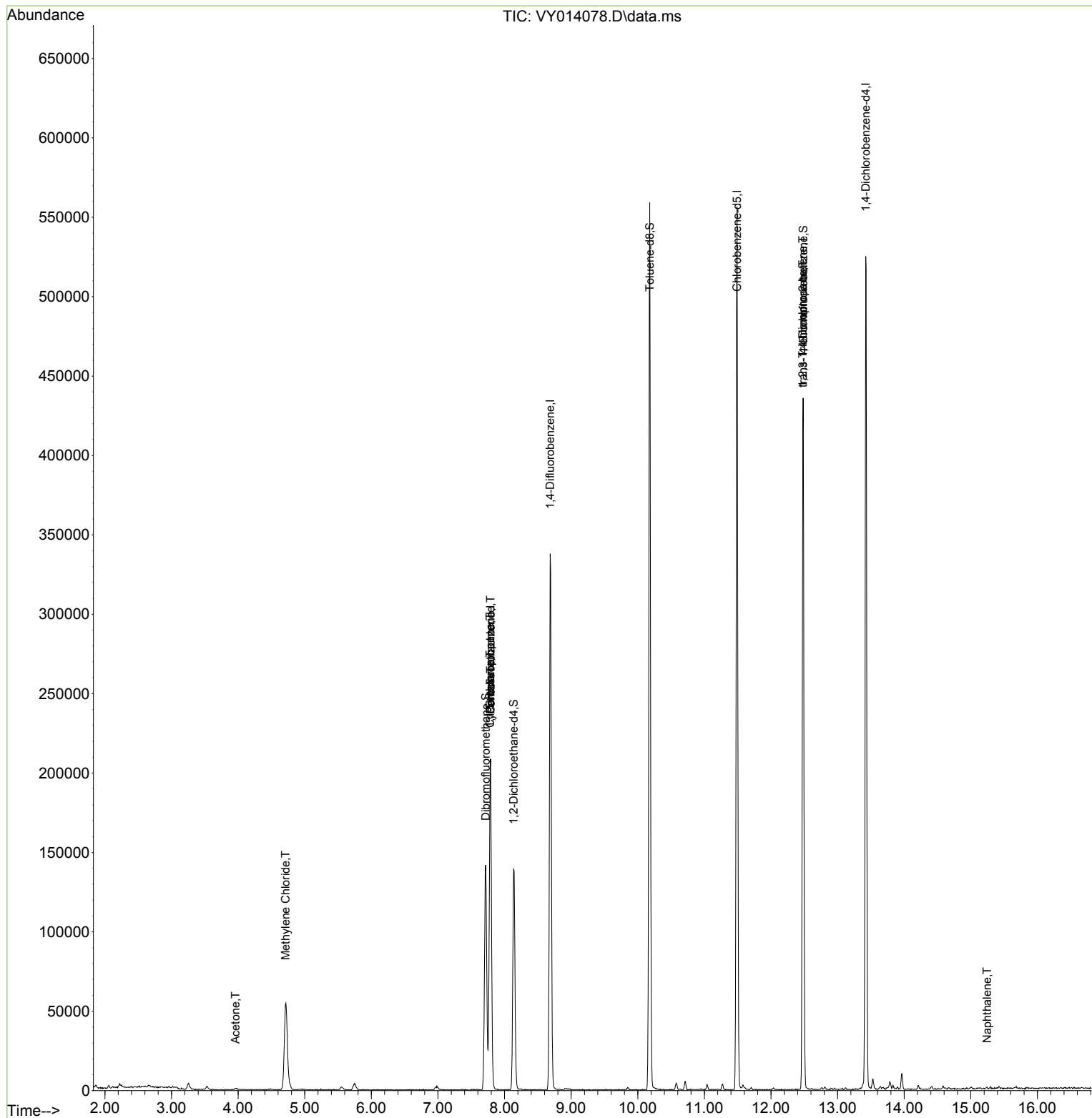
Internal Standards						
1) Pentafluorobenzene	7.789	168	160776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	118796	55.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.640%	
35) Dibromofluoromethane	7.716	113	95647	54.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.179	98	348638	51.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.483	95	122001	53.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2224	3.054	ug/l #	86
20) Methylene Chloride	4.710	84	41057	18.315	ug/l	92
31) Cyclohexane	7.783	56	3681	1.436	ug/l #	19
36) 1,1-Dichloropropene	7.783	75	12184	4.832	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15500	5.486	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	66304	35.448	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66304	75.203	ug/l #	11
95) Naphthalene	15.245	128	1038	4.028	ug/l #	85

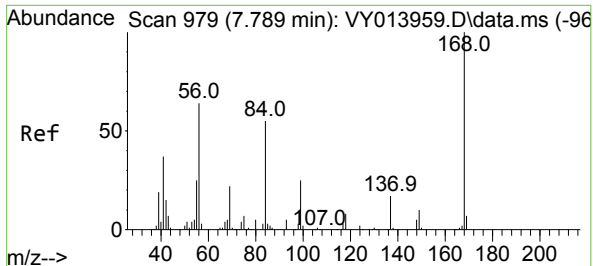
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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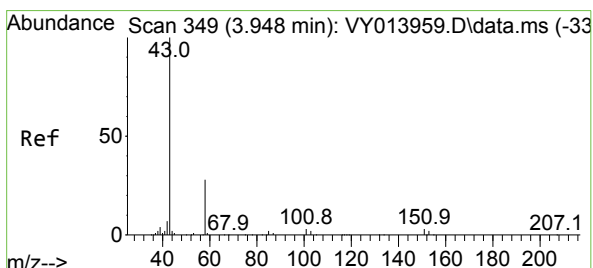
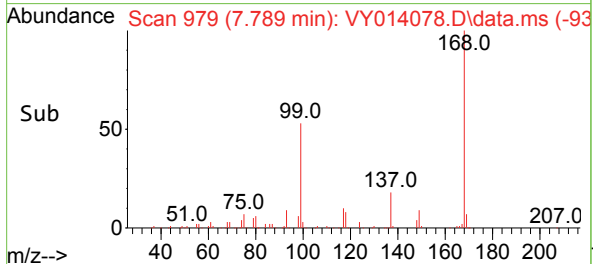
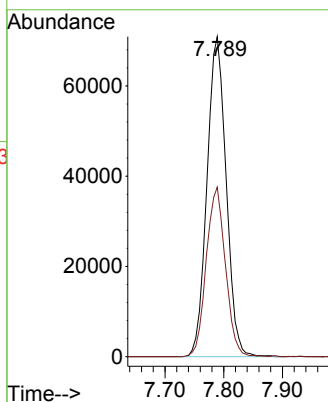
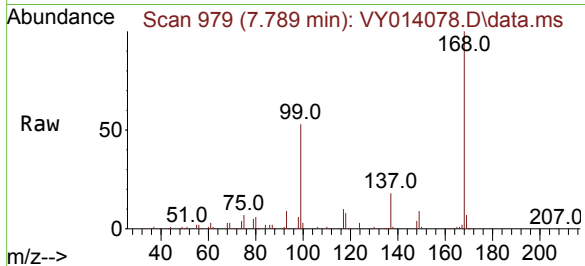




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

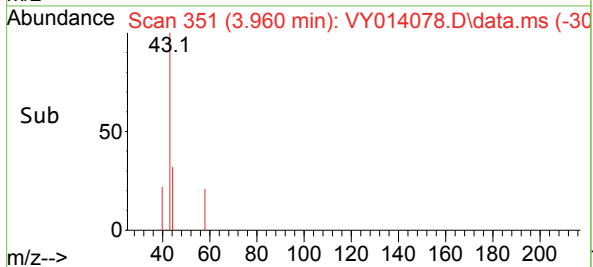
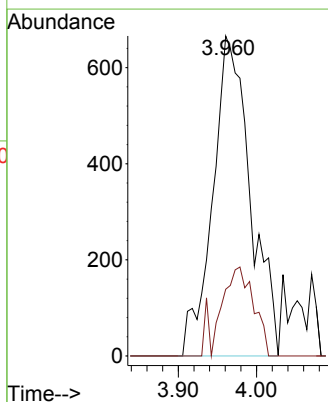
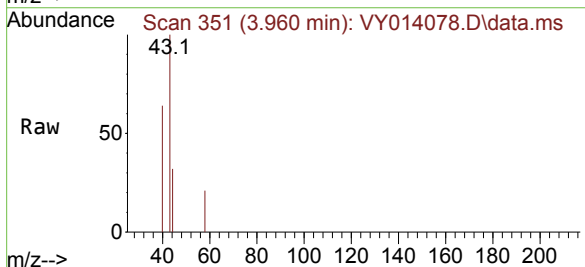
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

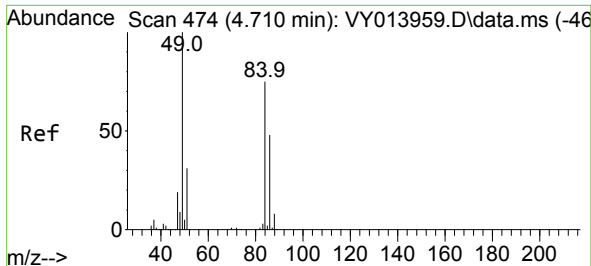
Tgt Ion:168 Resp: 160776
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#16
Acetone
Concen: 3.054 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
58 20.9 22.7 34.1#

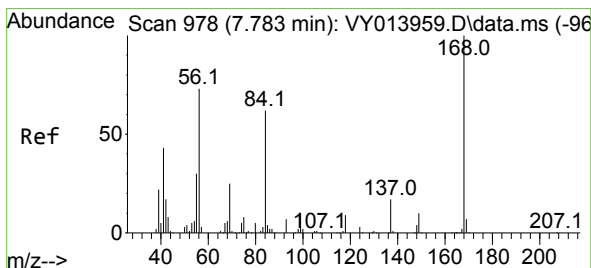
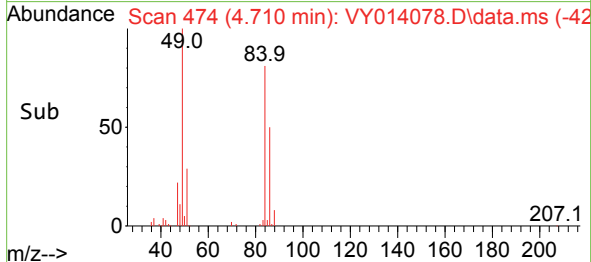
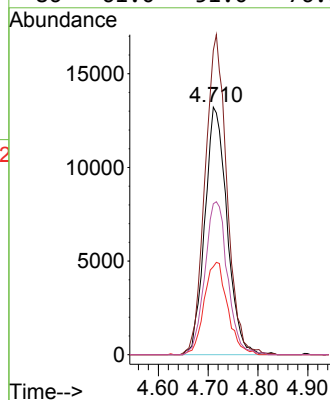
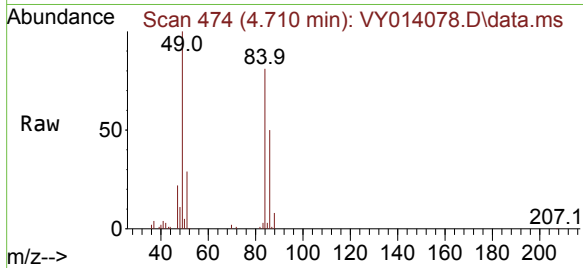




#20
Methylene Chloride
Concen: 18.315 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

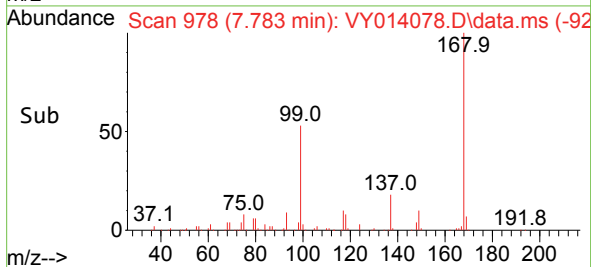
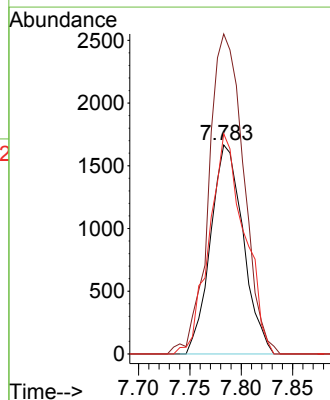
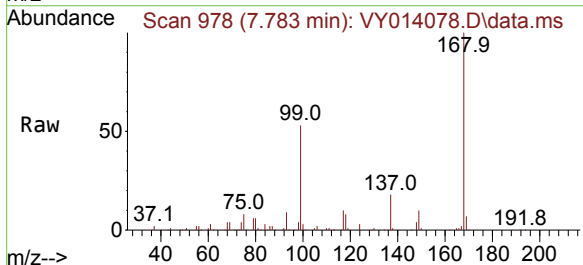
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

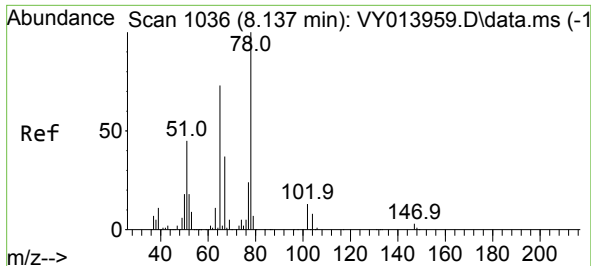
Tgt Ion:	84	Resp:	41057
Ion	Ratio	Lower	Upper
84	100		
49	122.9	106.9	160.3
51	35.6	33.2	49.8
86	61.0	51.0	76.6



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

Tgt Ion:	56	Resp:	3681
Ion	Ratio	Lower	Upper
56	100		
69	153.1	27.8	41.6#
84	110.0	66.4	99.6#

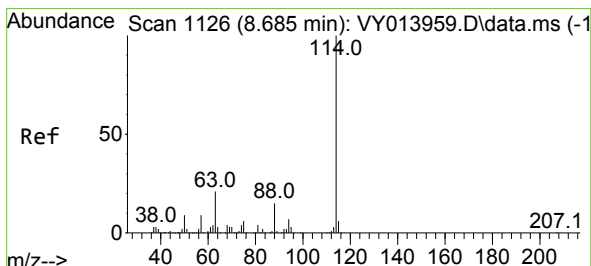
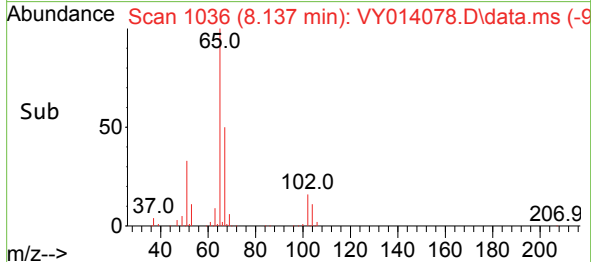
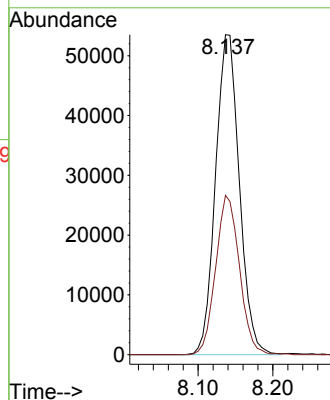
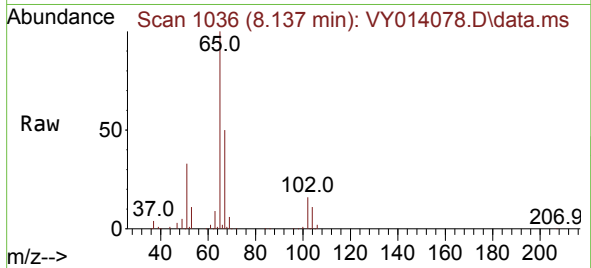




#33
 1,2-Dichloroethane-d4
 Concen: 55.817 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014078.D
 Acq: 08 Jun 2023 17:15

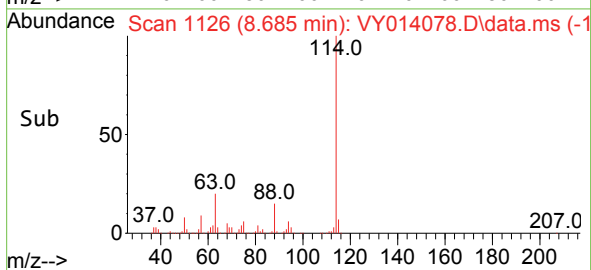
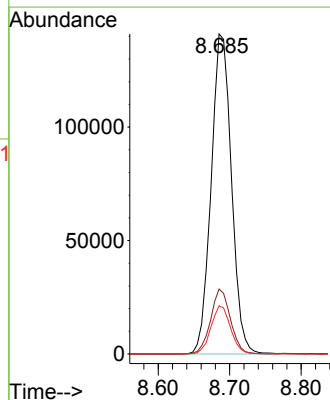
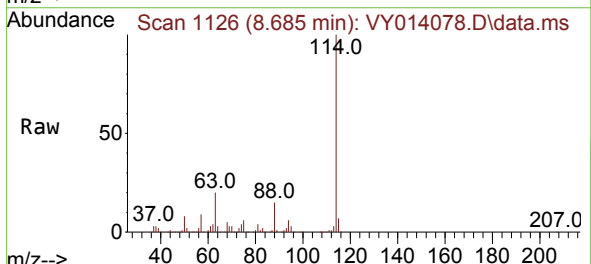
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

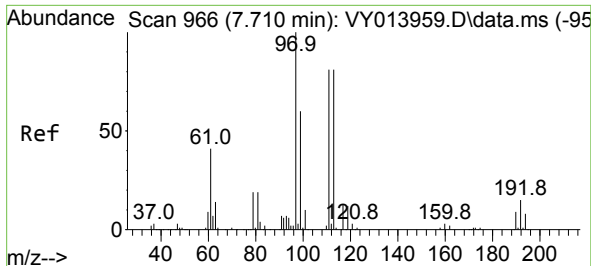
Tgt Ion: 65 Resp: 118796
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014078.D
 Acq: 08 Jun 2023 17:15

Tgt Ion: 114 Resp: 278471
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 15.1 0.0 30.6

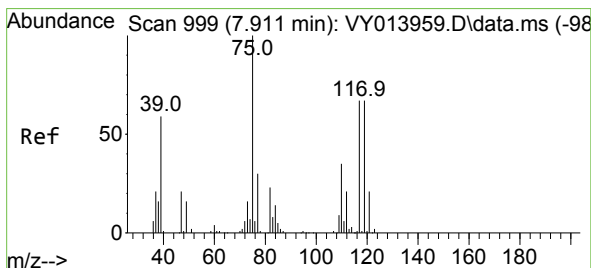
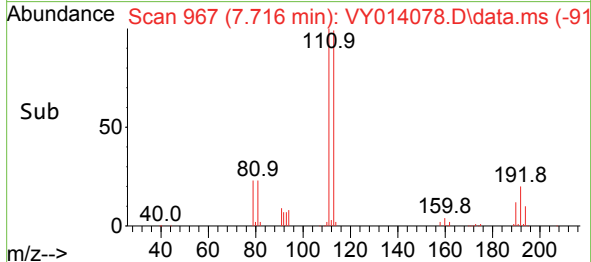
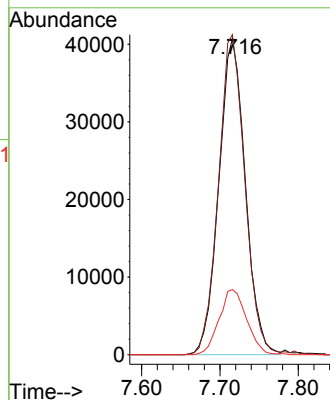
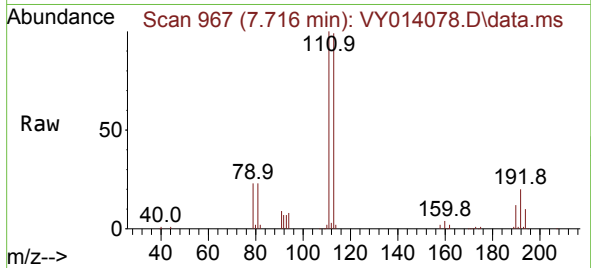




#35
Dibromofluoromethane
Concen: 54.047 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

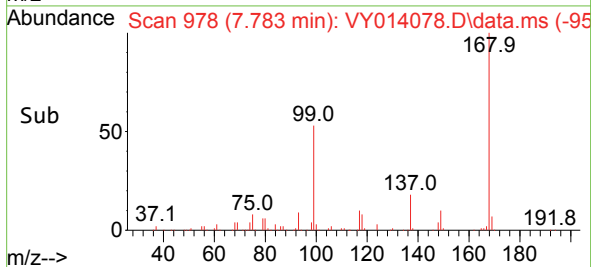
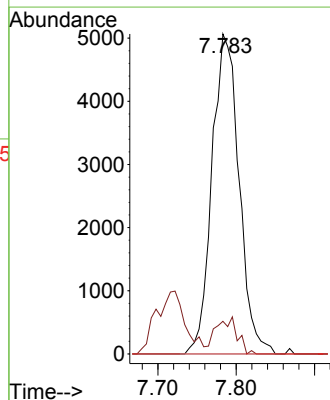
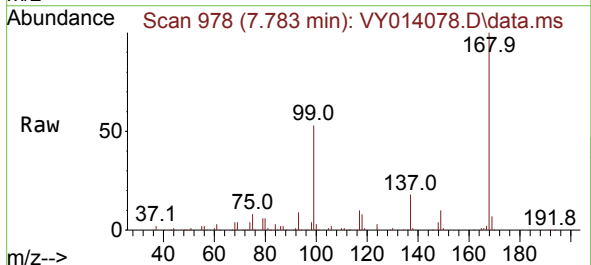
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

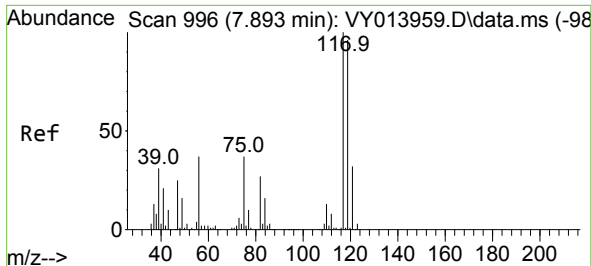
Tgt Ion:113 Resp: 95647
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

Tgt Ion: 75 Resp: 12184
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#

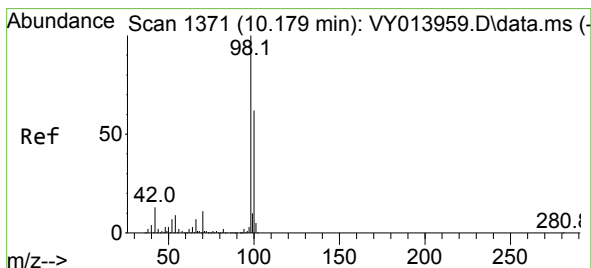
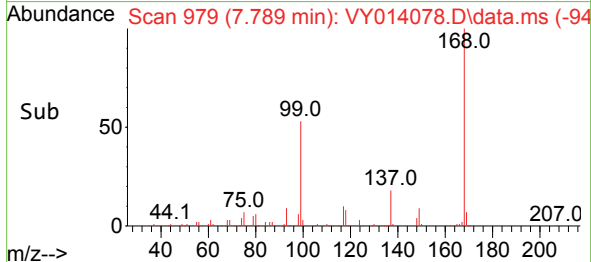
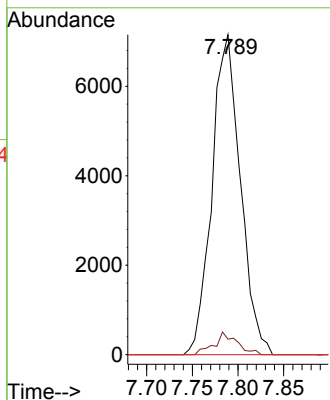
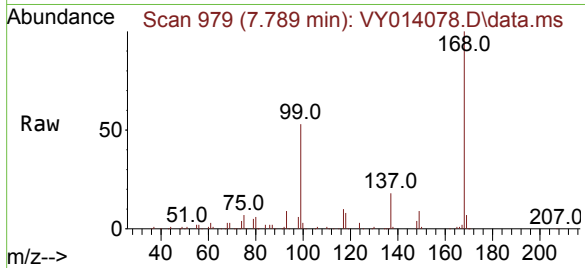




#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

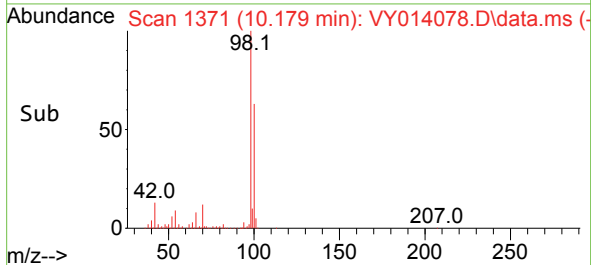
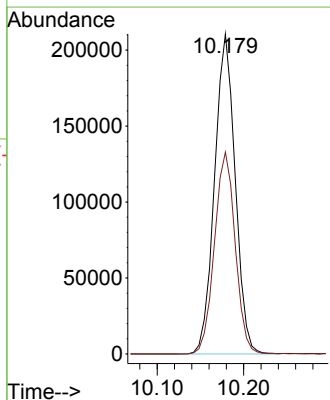
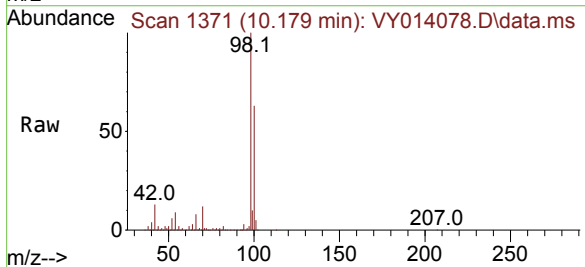
Instrument :
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ClientSampleId :
TP-2

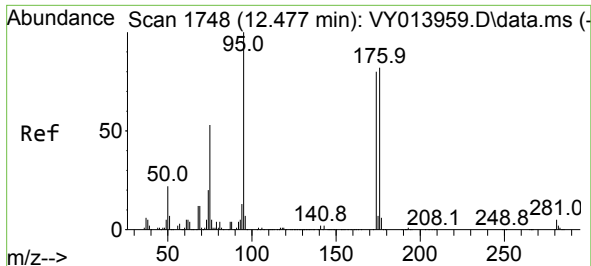
Tgt Ion:117 Resp: 15500
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.647 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

Tgt Ion: 98 Resp: 348638
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

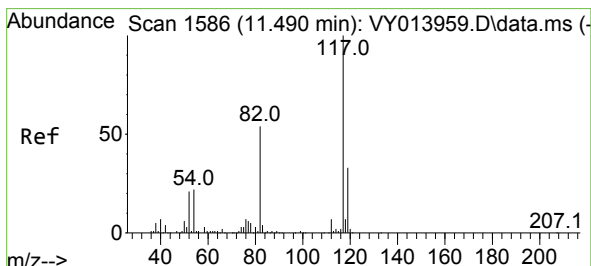
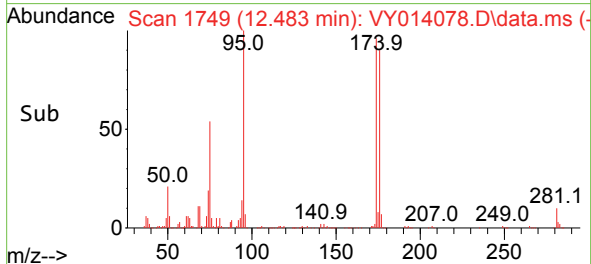
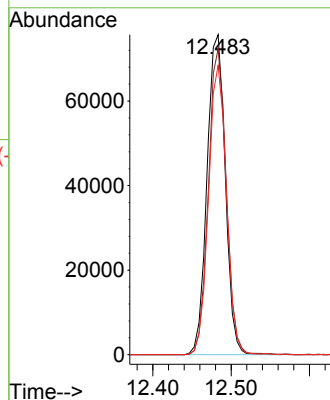
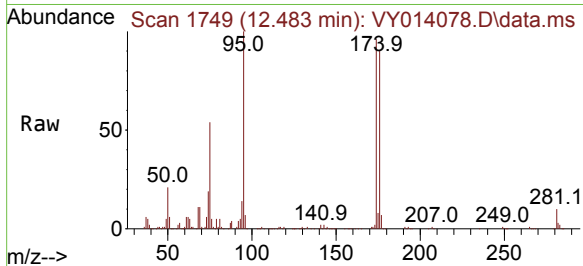




#62
4-Bromofluorobenzene
Concen: 53.013 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

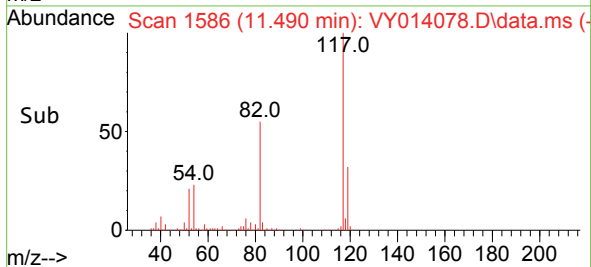
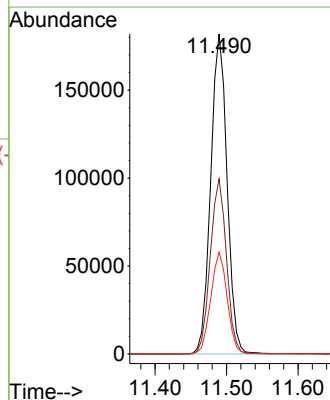
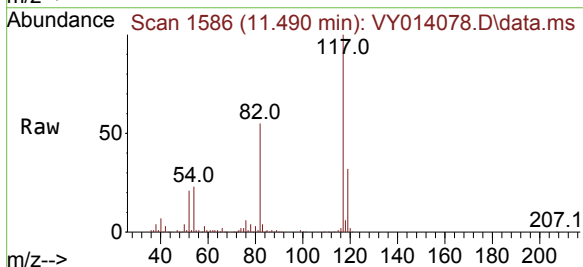
Instrument :
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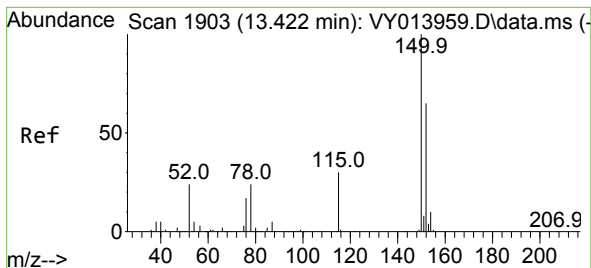
Tgt Ion: 95 Resp: 122001
Ion Ratio Lower Upper
95 100
174 94.1 0.0 178.2
176 88.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

Tgt Ion: 117 Resp: 288929
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.8 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: VY014078.D

Acq: 08 Jun 2023 17:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

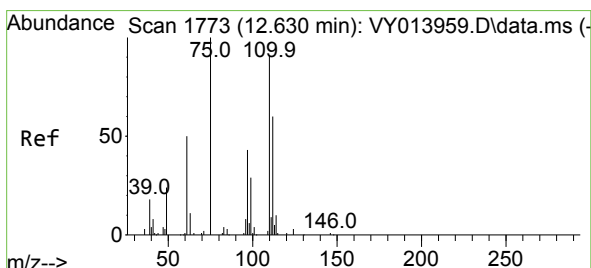
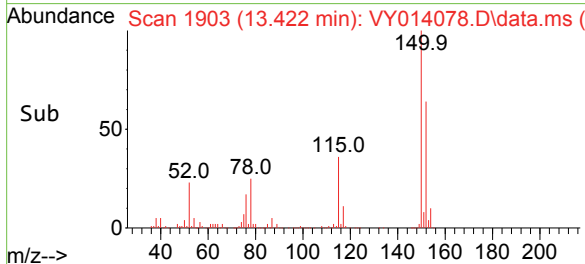
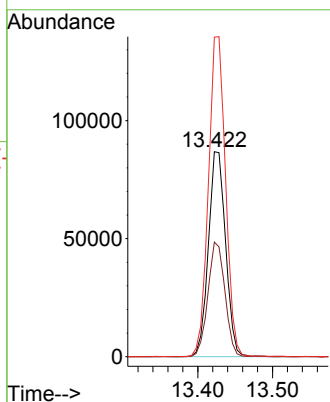
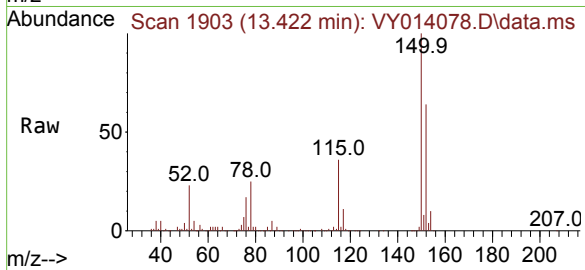
Tgt Ion:152 Resp: 138996

Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 155.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.448 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY014078.D

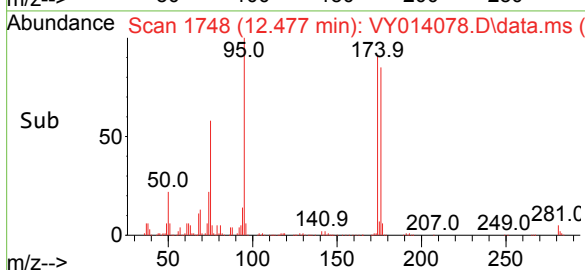
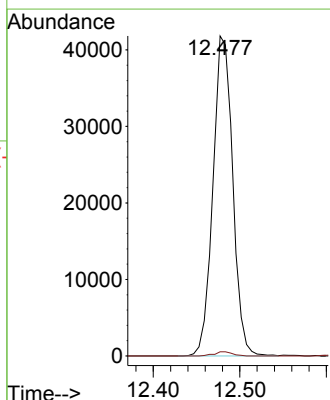
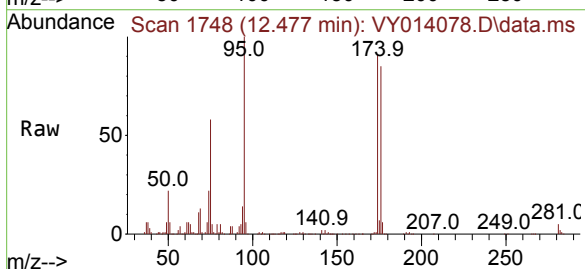
Acq: 08 Jun 2023 17:15

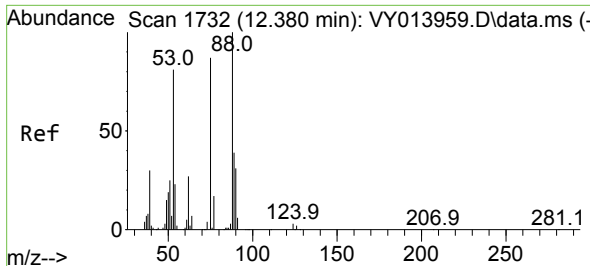
Tgt Ion: 75 Resp: 66304

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

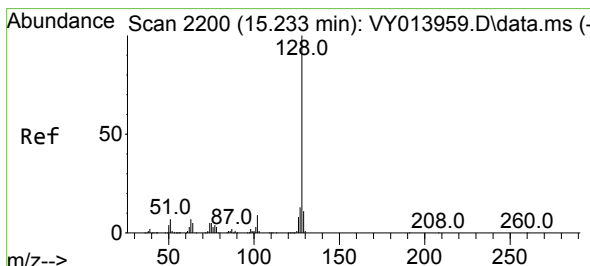
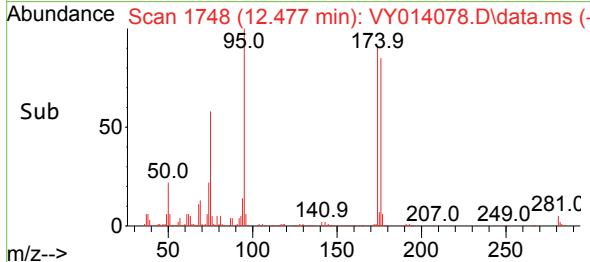
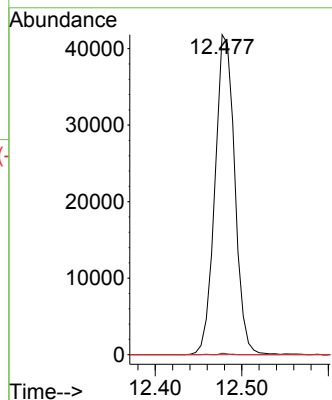
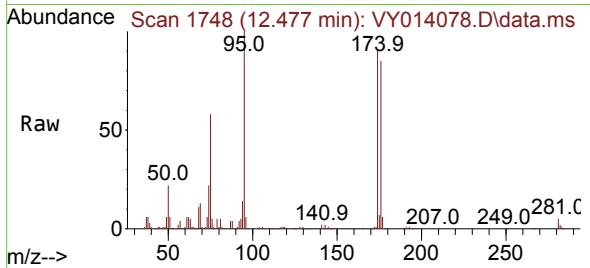




#81
trans-1,4-Dichloro-2-butene
Concen: 75.203 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 66304
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 4.028 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY014078.D
Acq: 08 Jun 2023 17:15

Tgt Ion: 128 Resp: 1038
Ion Ratio Lower Upper
128 100
127 6.7 10.8 16.2#
129 5.6 8.6 13.0#

