

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013117.D
 Acq On : 28 Mar 2023 15:24
 Operator : KP/MD
 Sample : 02111-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-EAST

Quant Time: Mar 29 02:29:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

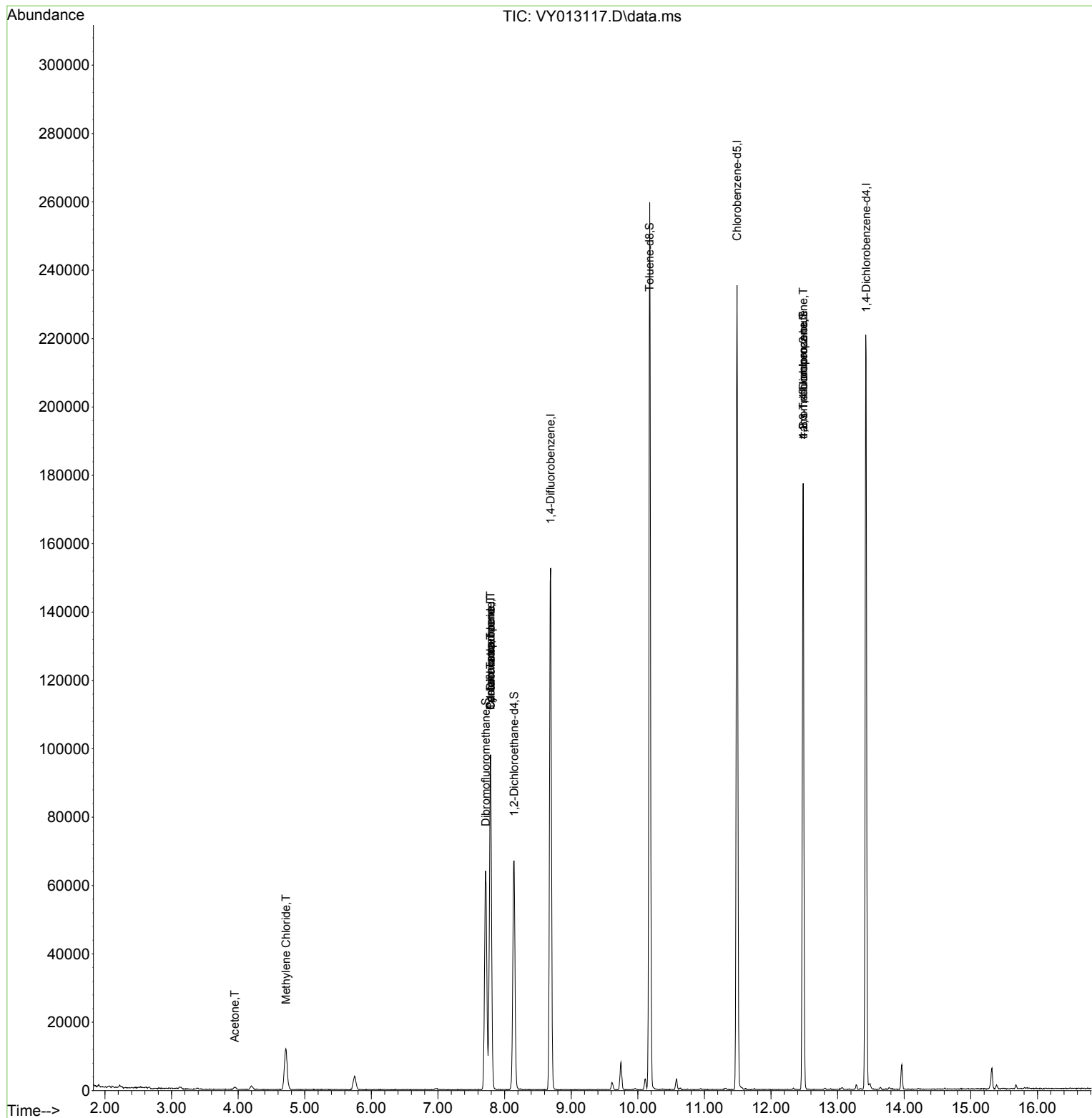
Internal Standards						
1) Pentafluorobenzene	7.789	168	73919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	127809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51822	70.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.220%	
35) Dibromofluoromethane	7.716	113	44271	57.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.800%	
50) Toluene-d8	10.179	98	160497	56.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.840%	
62) 4-Bromofluorobenzene	12.483	95	48820	51.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1317	4.572	ug/l	90
20) Methylene Chloride	4.716	84	8312	4.574	ug/l	93
31) Cyclohexane	7.789	56	1867	1.328	ug/l #	30
36) 1,1-Dichloropropene	7.789	75	5711	4.418	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7232	5.418	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26184	39.075	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26184	80.964	ug/l #	13

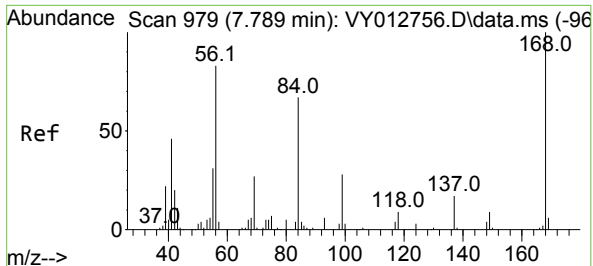
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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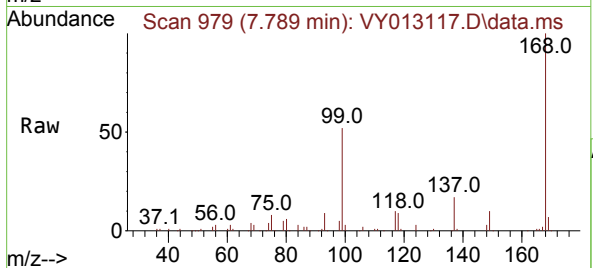
Quant Time: Mar 29 02:29:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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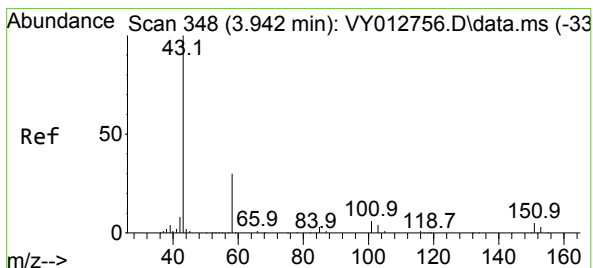
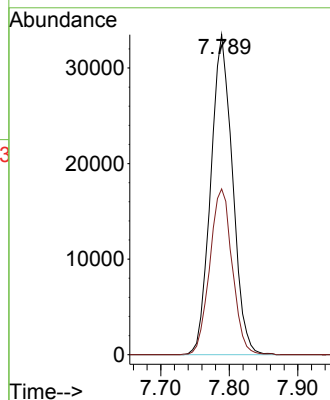
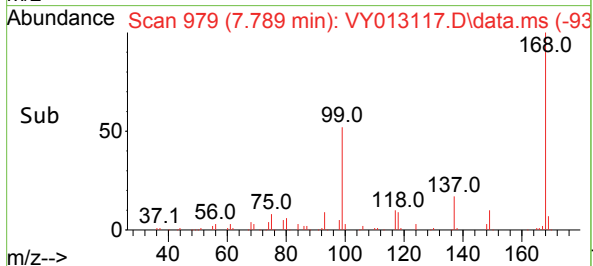


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
APCS-EAST

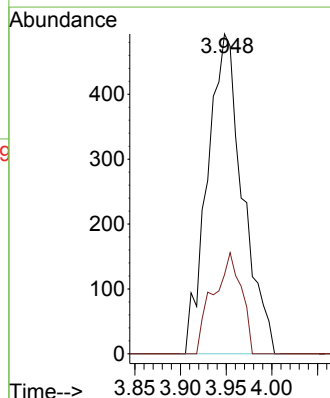
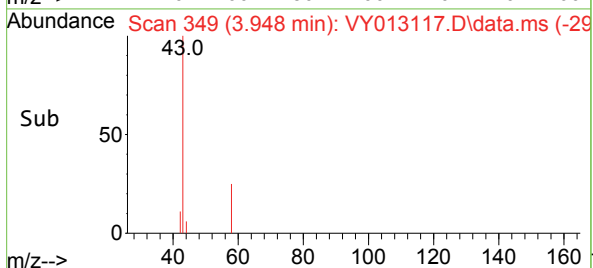
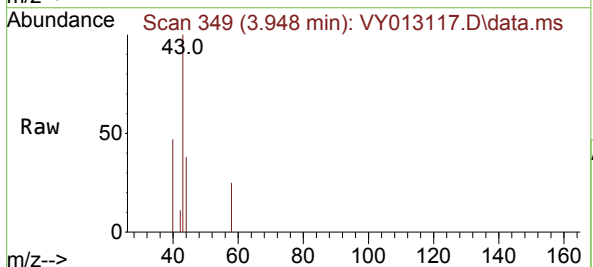


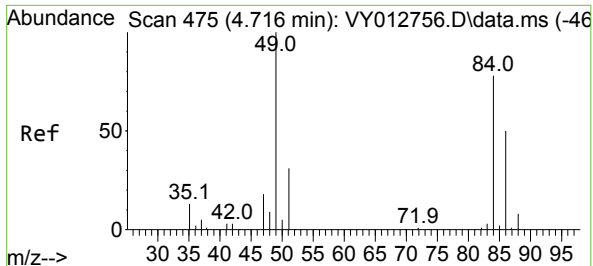
Tgt Ion:168 Resp: 73919
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#16
Acetone
Concen: 4.572 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 24.7 24.2 36.2





#20

Methylene Chloride

Concen: 4.574 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

APCS-EAST

Tgt Ion: 84 Resp: 8312

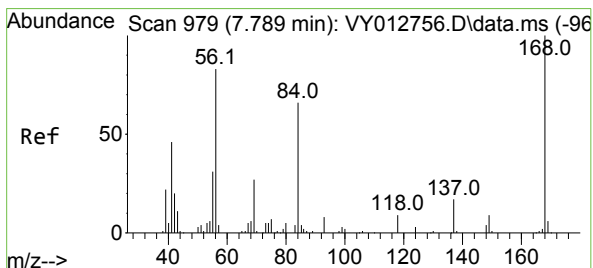
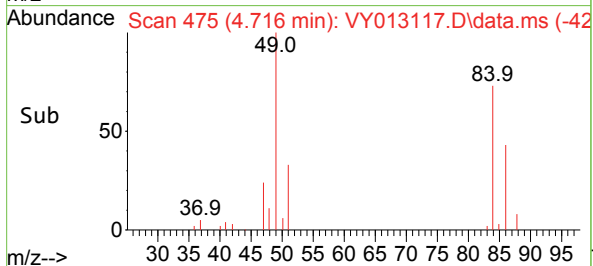
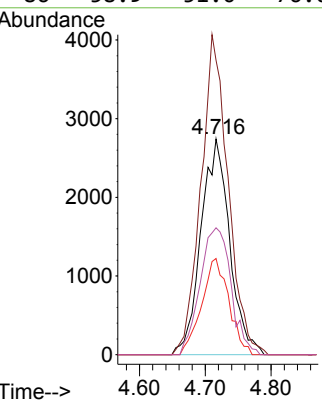
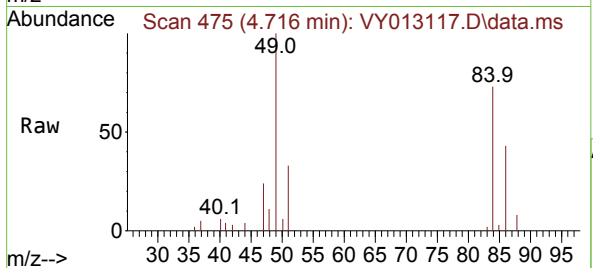
Ion Ratio Lower Upper

84 100

49 136.5 102.6 154.0

51 44.6 31.9 47.9

86 58.9 51.0 76.6



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

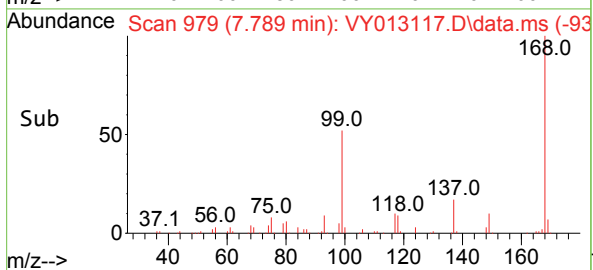
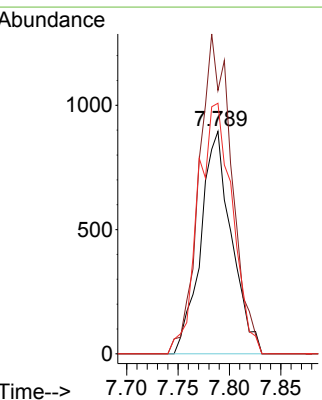
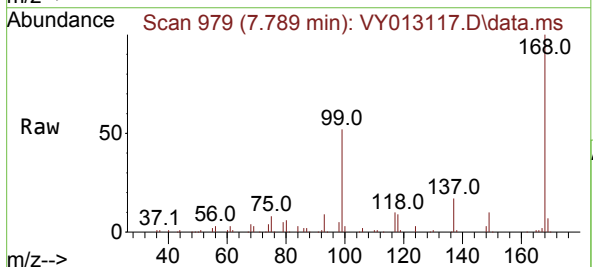
Tgt Ion: 56 Resp: 1867

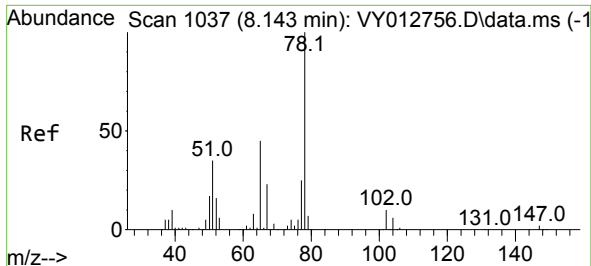
Ion Ratio Lower Upper

56 100

69 118.4 25.7 38.5#

84 112.6 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 70.610 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

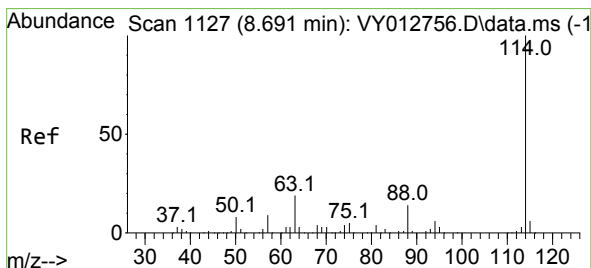
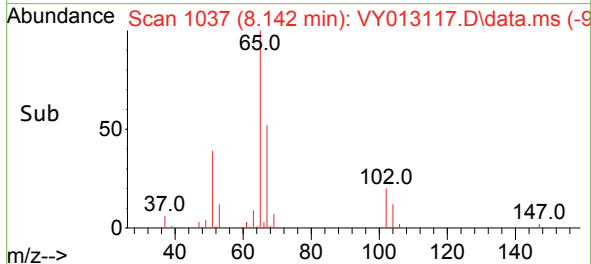
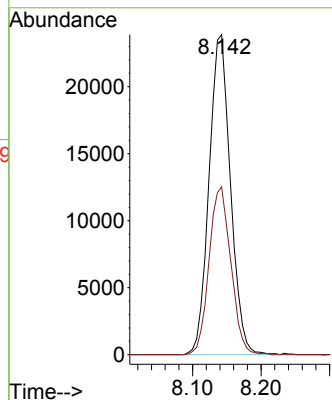
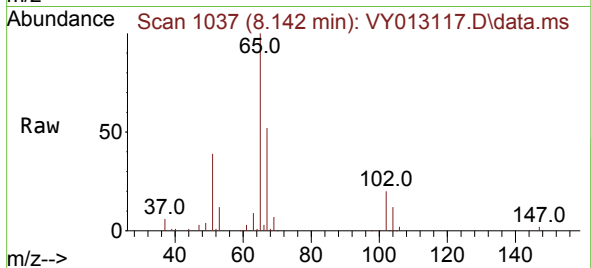
APCS-EAST

Tgt Ion: 65 Resp: 51822

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013117.D

Acq: 28 Mar 2023 15:24

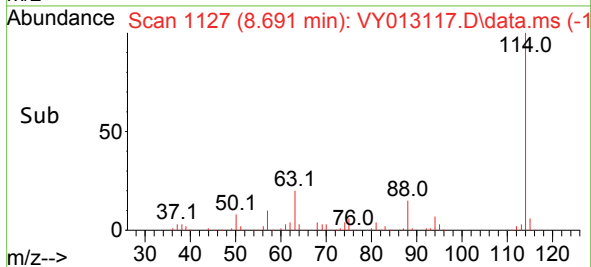
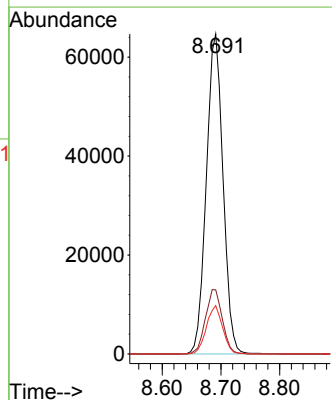
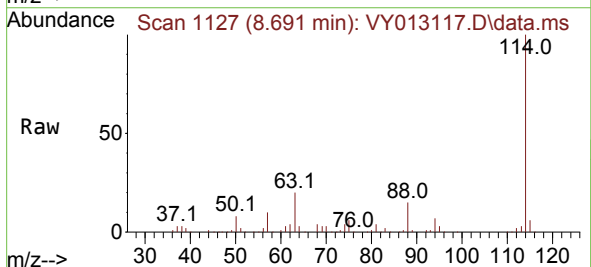
Tgt Ion: 114 Resp: 127809

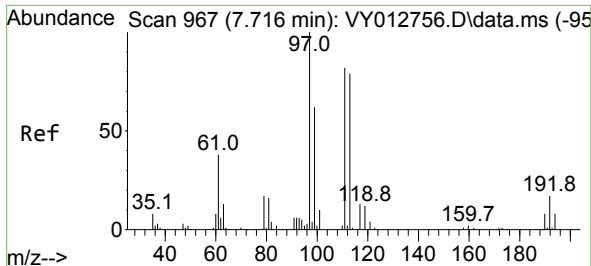
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.1 0.0 28.6

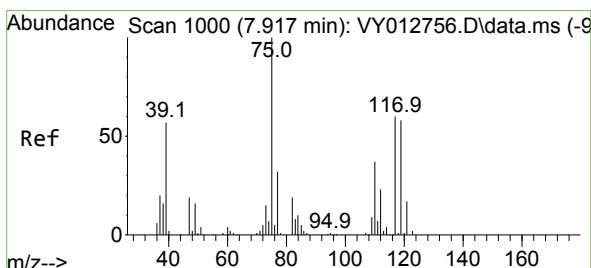
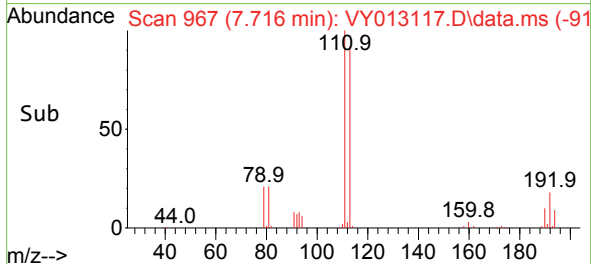
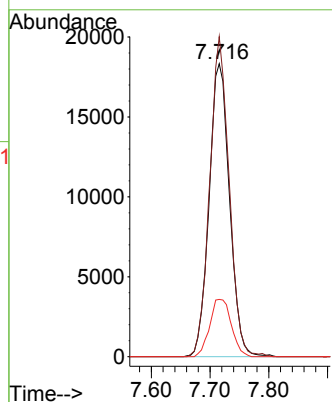
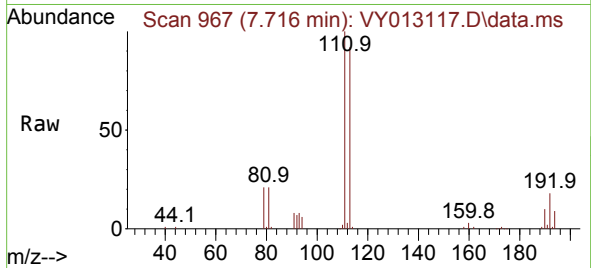




#35
Dibromofluoromethane
Concen: 57.396 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

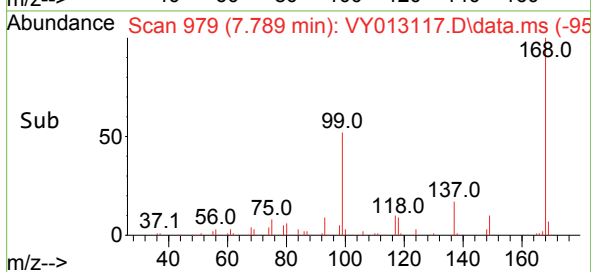
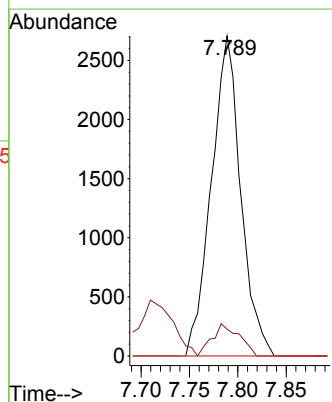
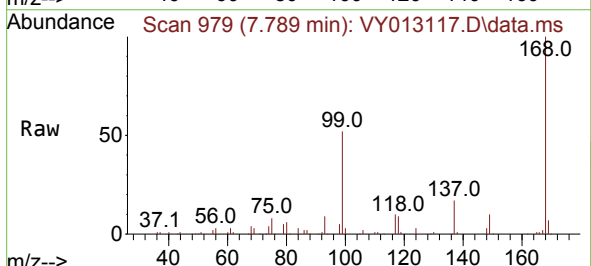
Instrument :
MSVOA_Y
ClientSampleId :
APCS-EAST

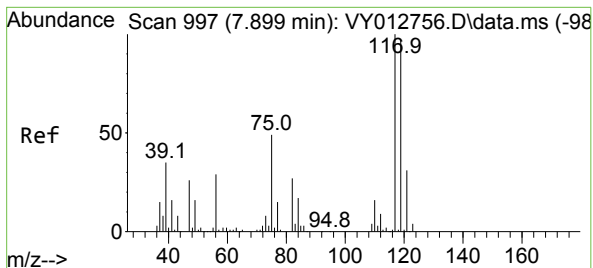
Tgt Ion:113 Resp: 44271
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.418 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

Tgt Ion: 75 Resp: 5711
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.418 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY013117.D

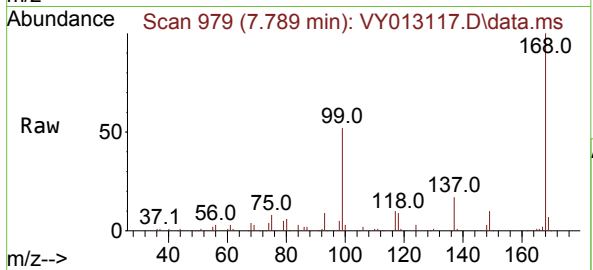
Acq: 28 Mar 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

APCS-EAST



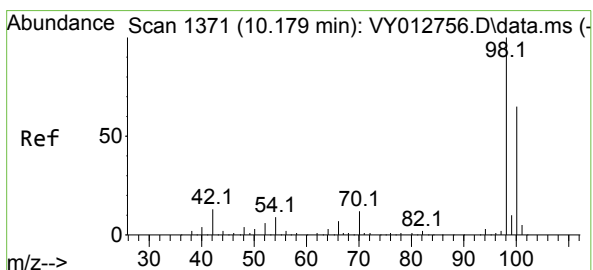
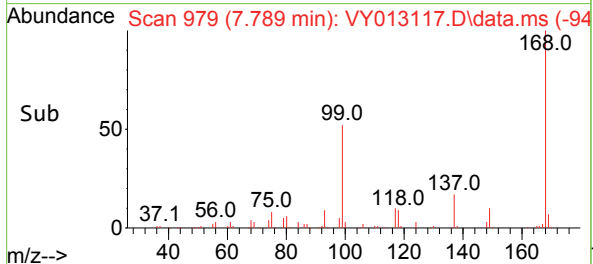
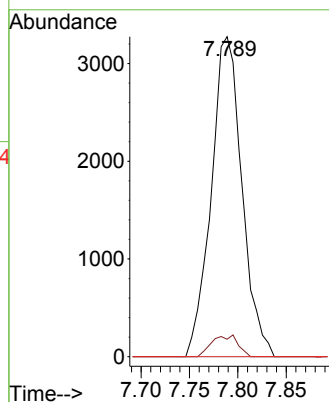
Tgt Ion:117 Resp: 7232

Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 56.918 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013117.D

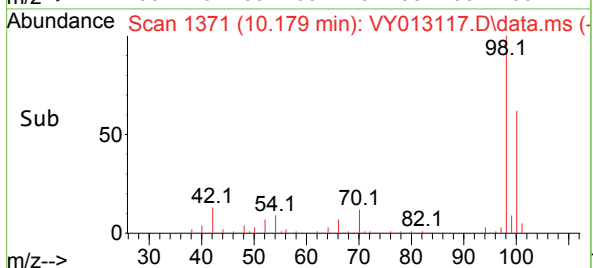
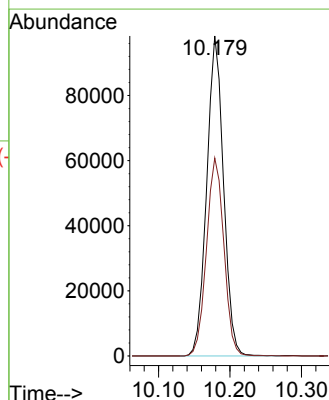
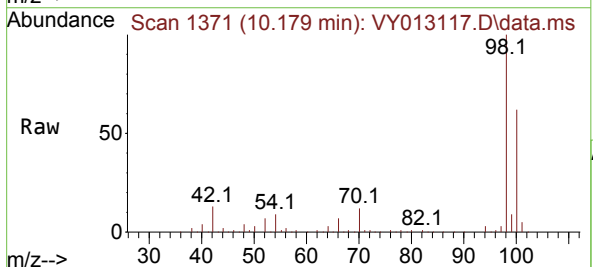
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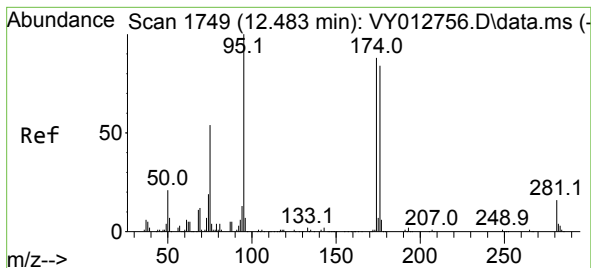
Tgt Ion: 98 Resp: 160497

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

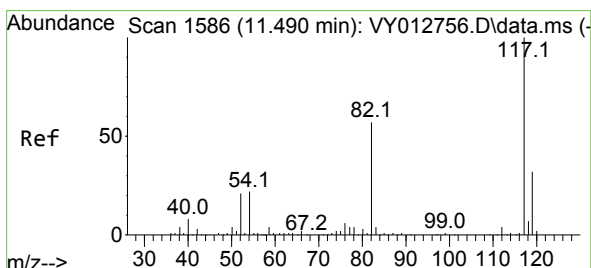
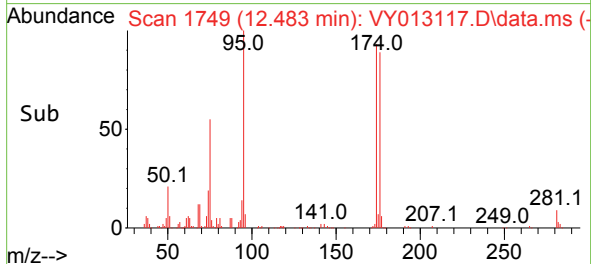
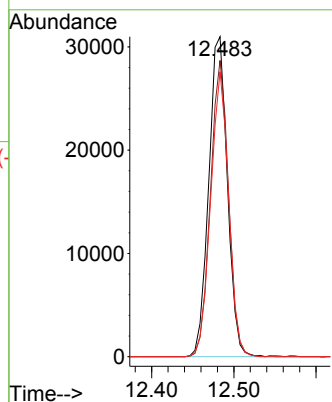
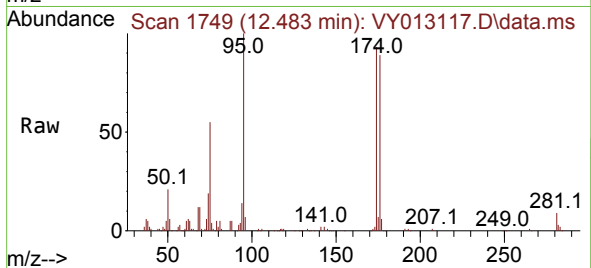




#62
4-Bromofluorobenzene
Concen: 51.295 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

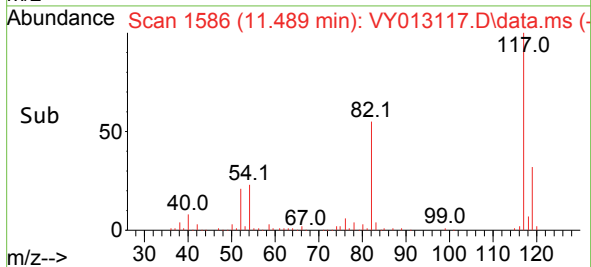
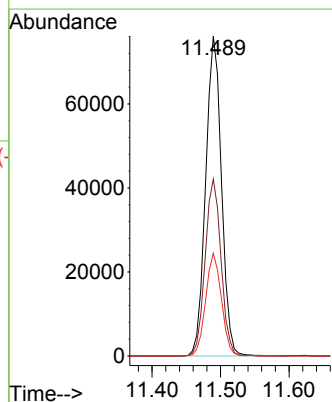
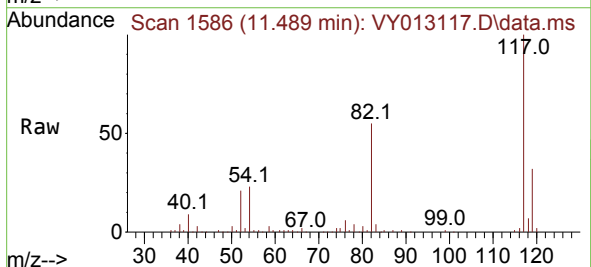
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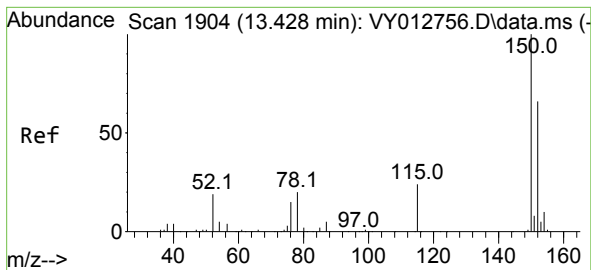
Tgt Ion: 95 Resp: 48820
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013117.D
Acq: 28 Mar 2023 15:24

Tgt Ion: 117 Resp: 122325
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 32.1 25.6 38.4

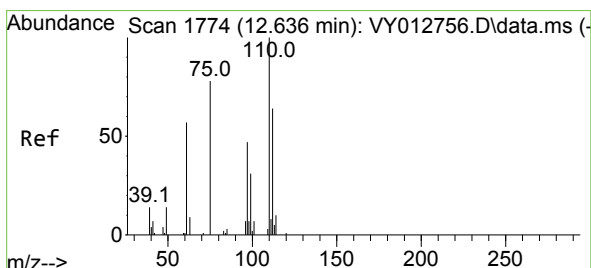
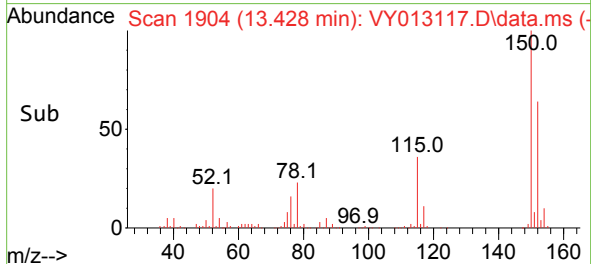
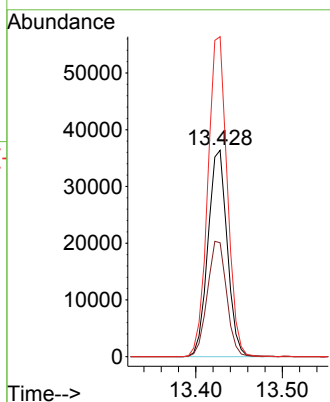
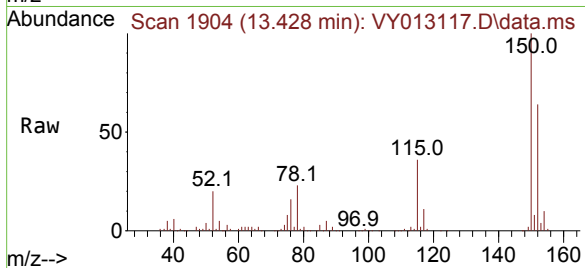




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013117.D
 Acq: 28 Mar 2023 15:24

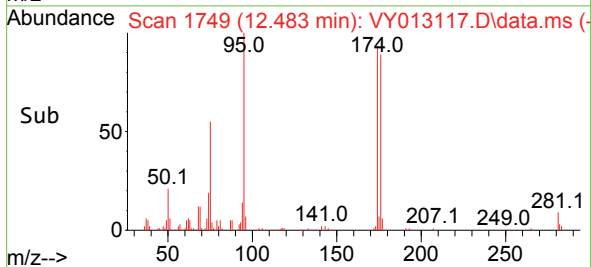
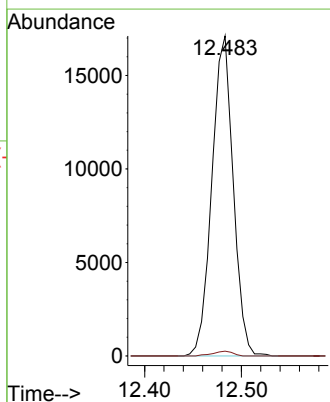
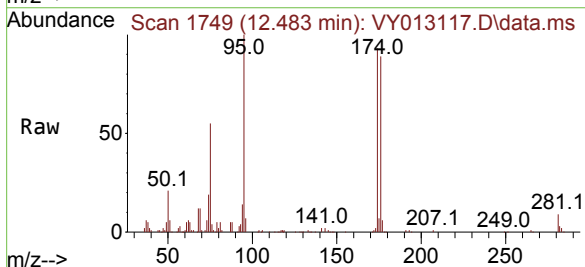
Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-EAST

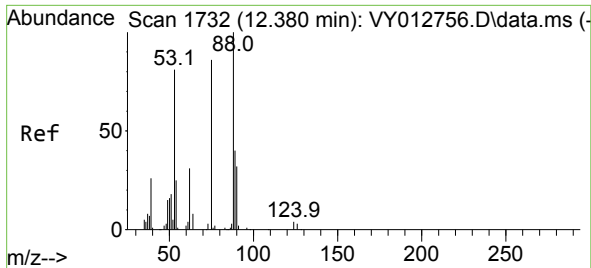
Tgt Ion:152 Resp: 56115
 Ion Ratio Lower Upper
 152 100
 115 56.1 27.1 81.3
 150 156.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.075 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY013117.D
 Acq: 28 Mar 2023 15:24

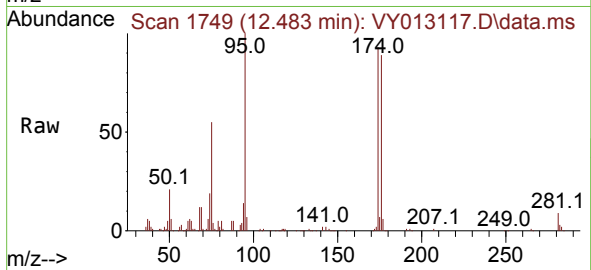
Tgt Ion: 75 Resp: 26184
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.964 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013117.D
 Acq: 28 Mar 2023 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-EAST



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.2	36.6	55.0#

