

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009756.D
 Acq On : 28 Jul 2022 17:12
 Operator : KP/MD
 Sample : N3895-14
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-52

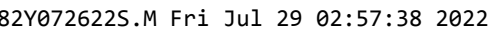
Quant Time: Jul 29 02:57:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

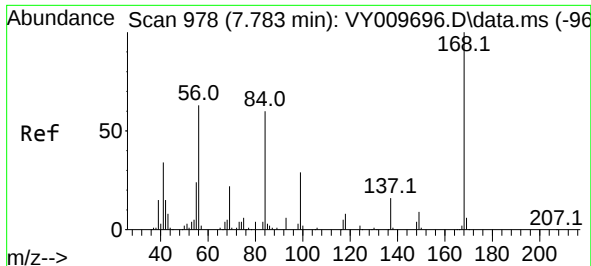
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	156526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69075	68.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.360%	
35) Dibromofluoromethane	7.709	113	62922	40.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.000%	
50) Toluene-d8	10.172	98	226728	49.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	12.477	95	73636	35.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 70.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	479	2.303	ug/l #	77
16) Acetone	3.948	43	1340	3.581	ug/l #	86
18) Methyl Acetate	4.472	43	231	Below Cal	#	56
20) Methylene Chloride	4.698	84	6378	Below Cal	#	85
25) 2-Butanone	6.972	43	1326	2.402	ug/l #	82
31) Cyclohexane	7.783	56	2787	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	10849	4.239	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14342	5.229	ug/l #	15
43) Isopropyl Acetate	8.112	43	2832	1.068	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	37164	28.944	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37164	57.694	ug/l #	7

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

Quant Time: Jul 29 02:57:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

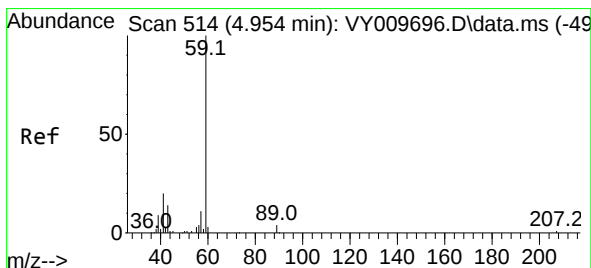
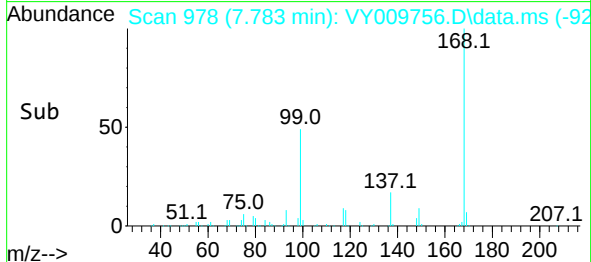
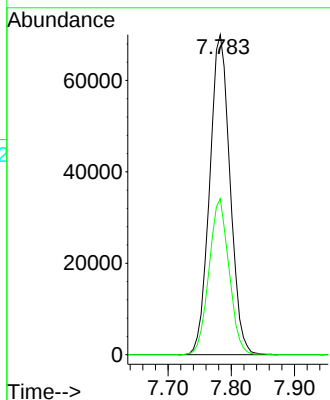
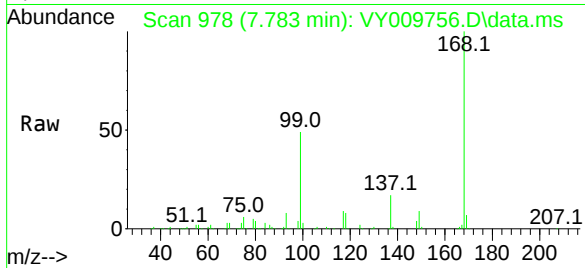




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

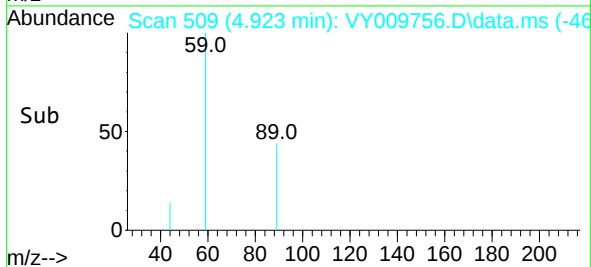
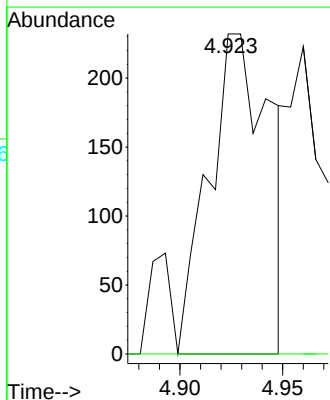
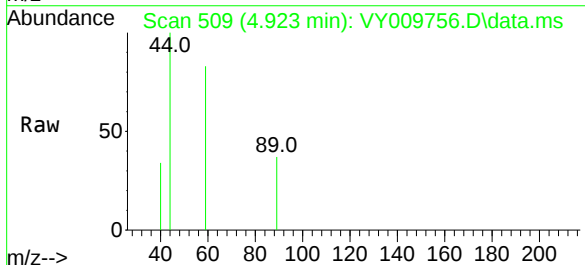
Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

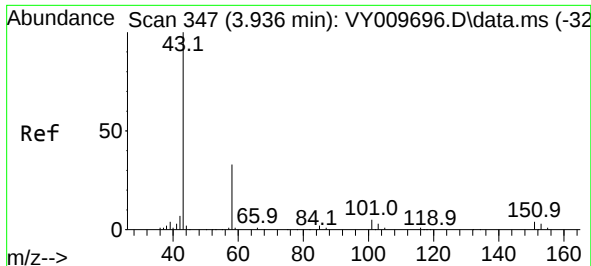
Tgt Ion:168 Resp: 156526
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.303 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion: 59 Resp: 479
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

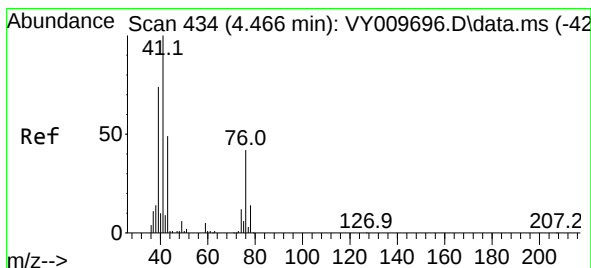
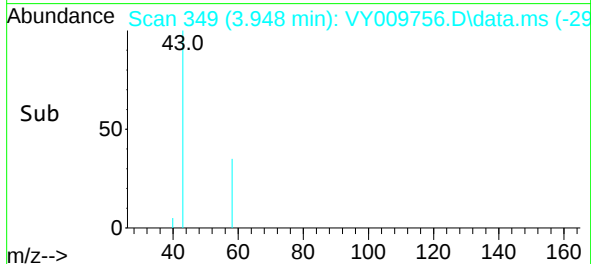
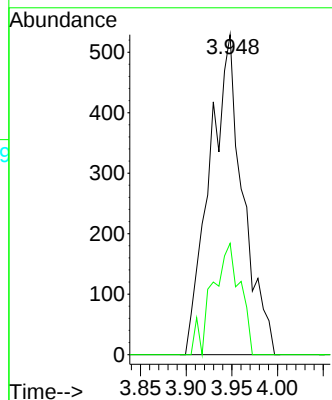
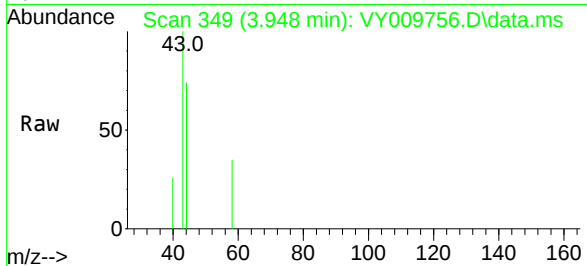




#16
Acetone
Concen: 3.581 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

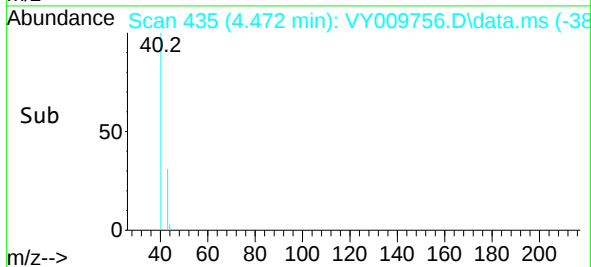
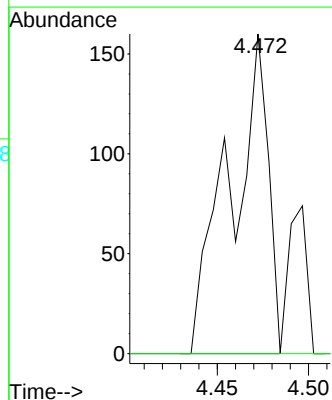
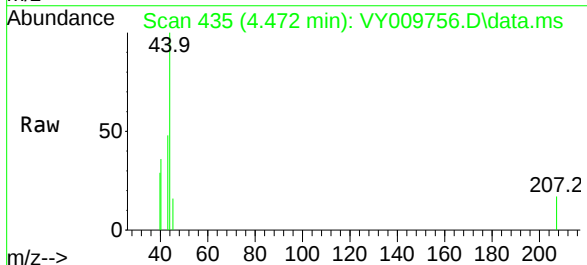
Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

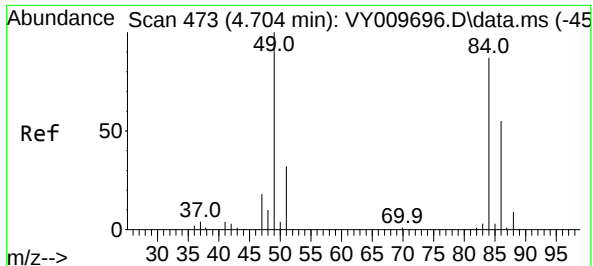
Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

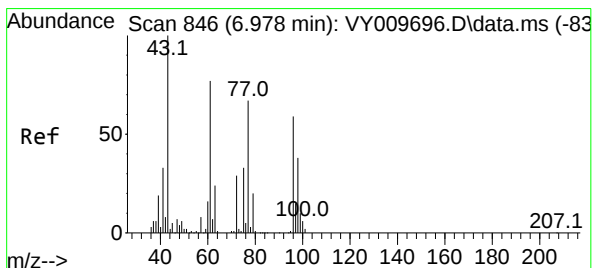
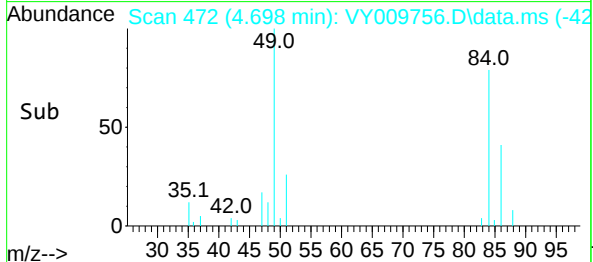
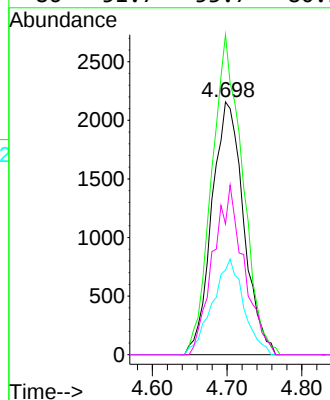
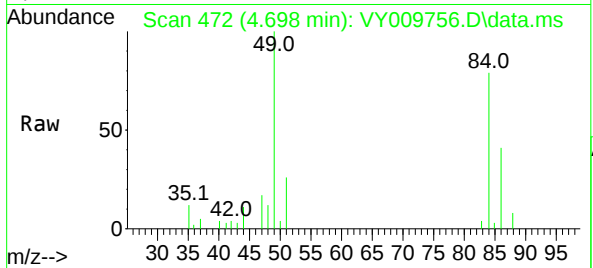




#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

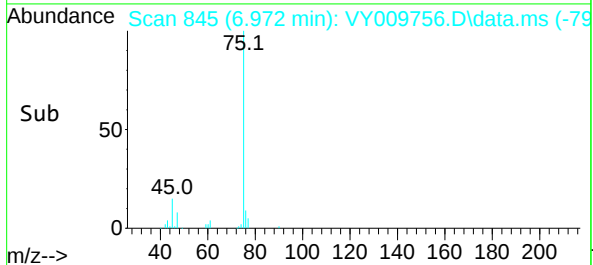
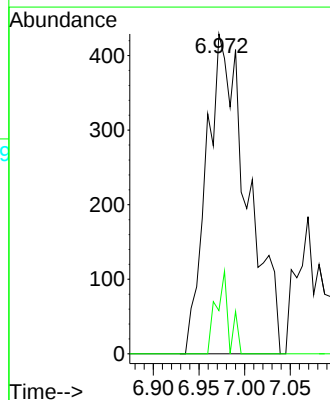
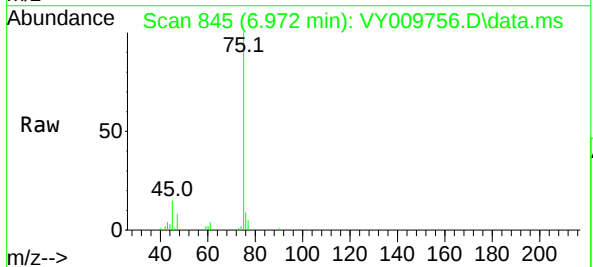
Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

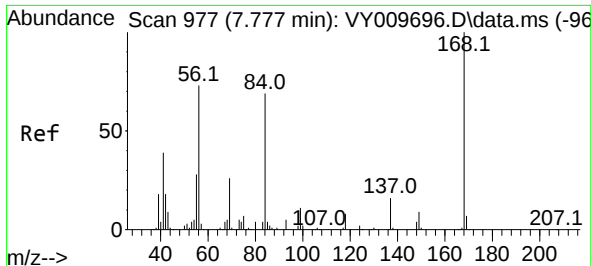
Tgt Ion: 84 Resp: 6378
Ion Ratio Lower Upper
84 100
49 126.6 114.4 171.6
51 33.5 35.3 52.9#
86 51.7 53.7 80.5#



#25
2-Butanone
Concen: 2.402 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
72 13.5 17.7 26.5#

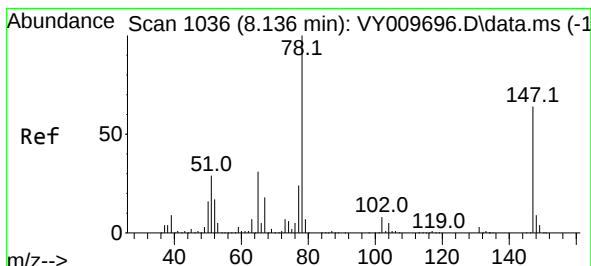
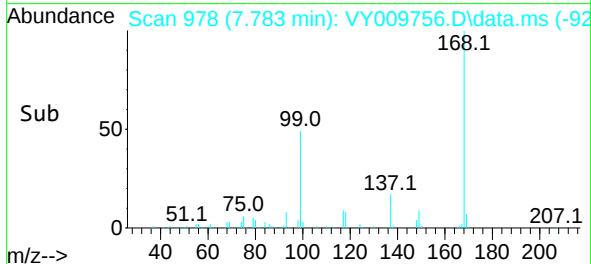
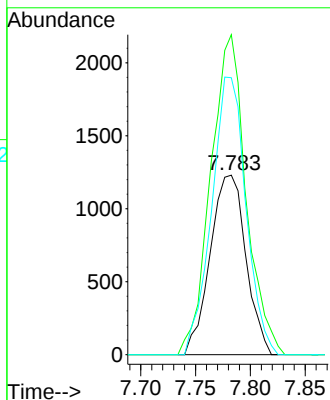
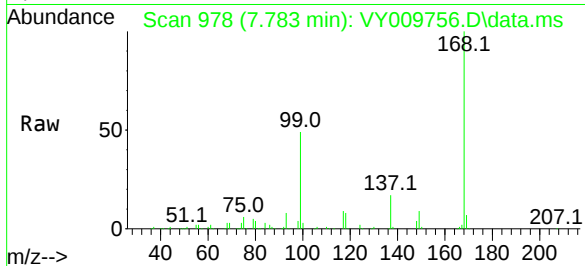




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

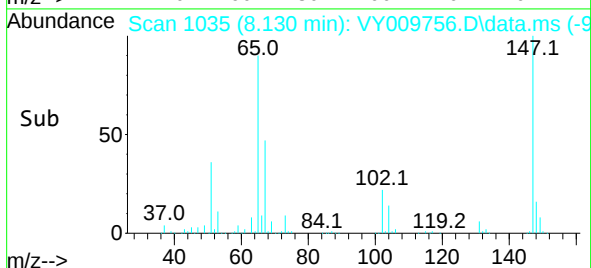
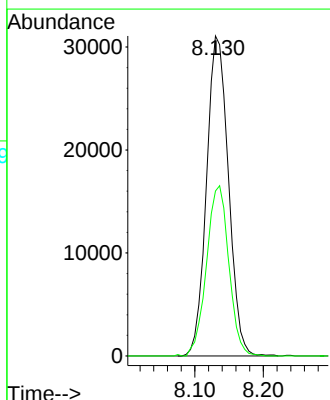
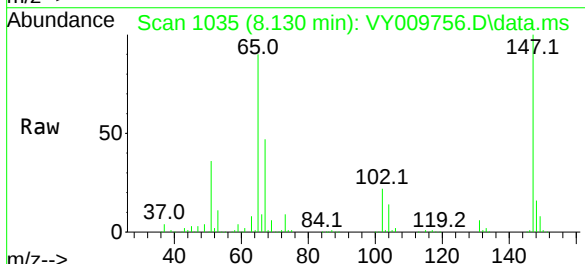
Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

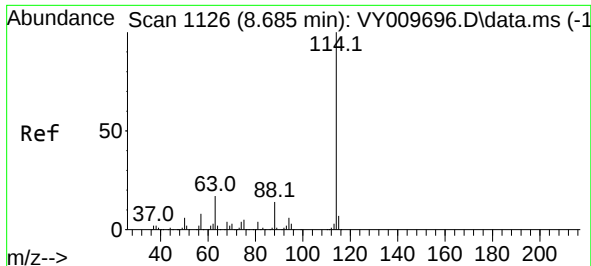
Tgt Ion: 56 Resp: 2787
Ion Ratio Lower Upper
56 100
69 178.3 26.7 40.1#
84 154.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.177 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion: 65 Resp: 69075
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009756.D

Acq: 28 Jul 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

RVE-52

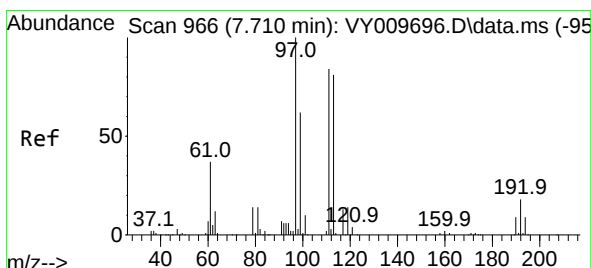
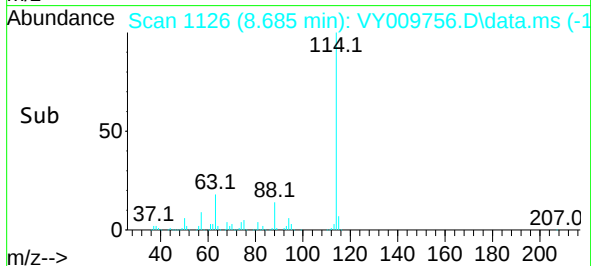
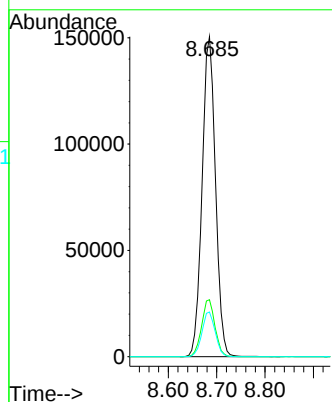
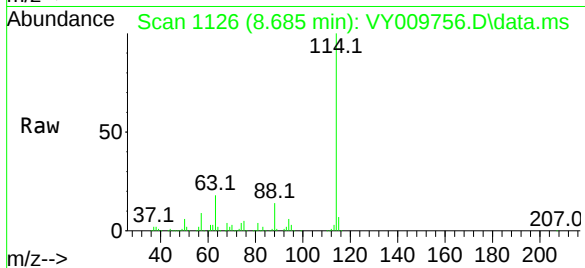
Tgt Ion:114 Resp: 289228

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.000 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009756.D

Acq: 28 Jul 2022 17:12

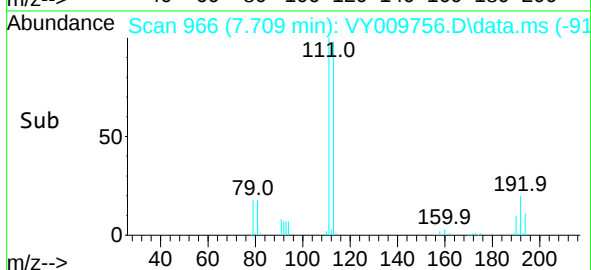
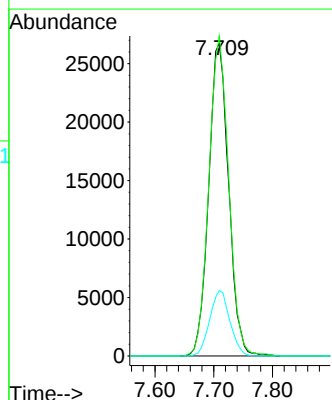
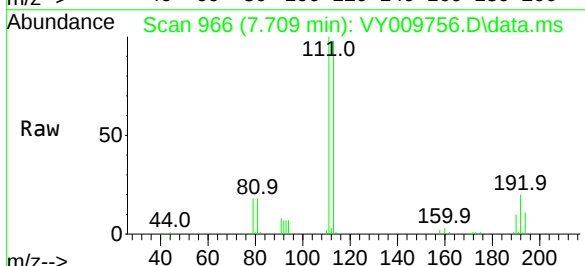
Tgt Ion:113 Resp: 62922

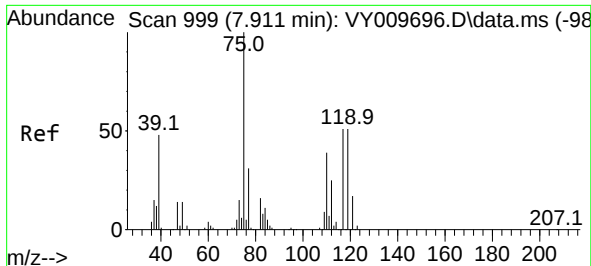
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 21.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.239 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY009756.D

Acq: 28 Jul 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

RVE-52

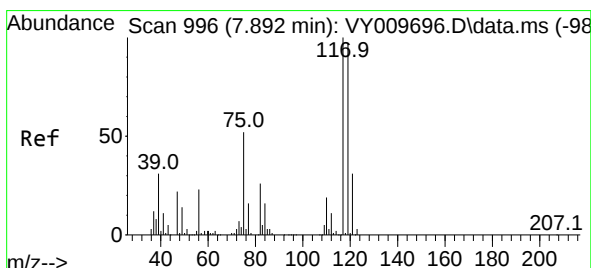
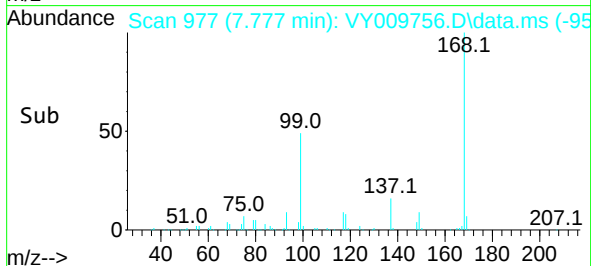
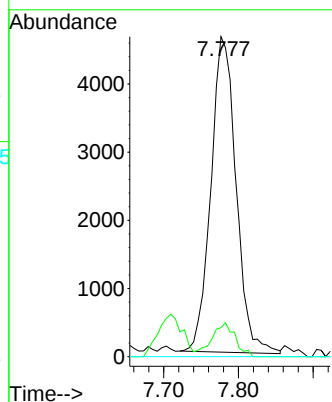
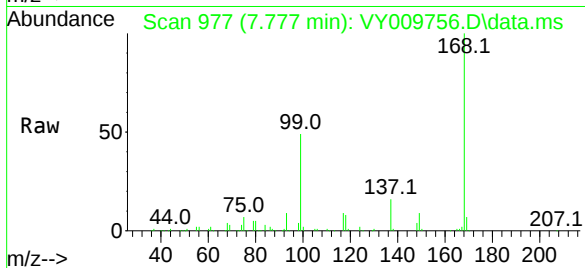
Tgt Ion: 75 Resp: 10849

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.229 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY009756.D

Acq: 28 Jul 2022 17:12

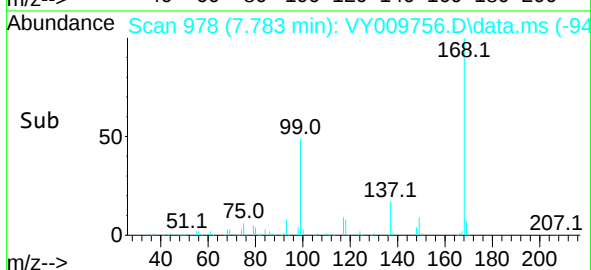
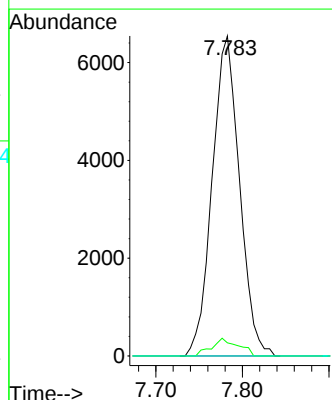
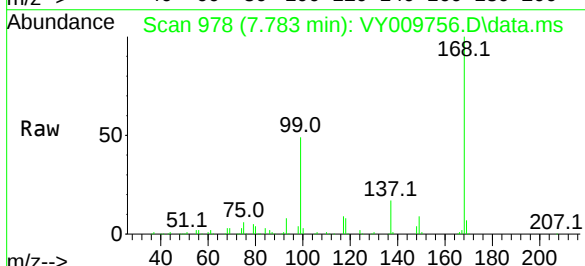
Tgt Ion: 117 Resp: 14342

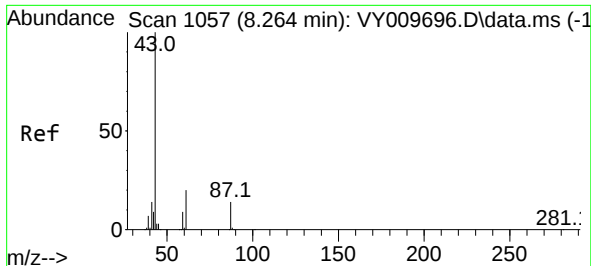
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 1.068 ug/l

RT: 8.112 min Scan# 1057

Delta R.T. -0.152 min

Lab File: VY009756.D

Acq: 28 Jul 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

RVE-52

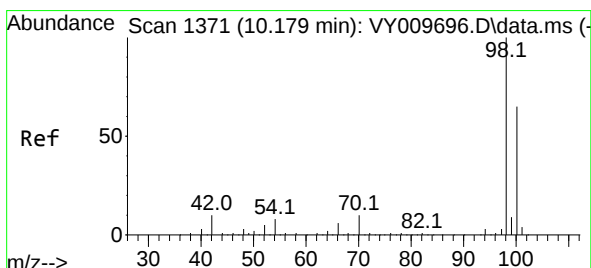
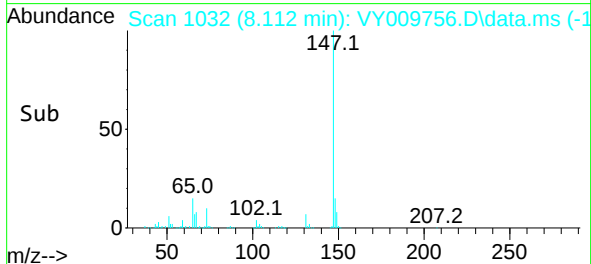
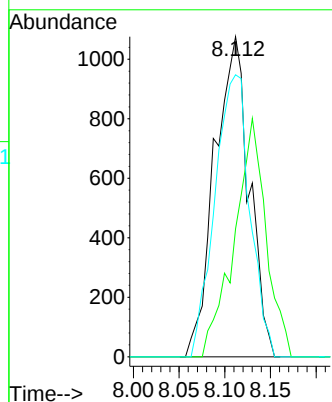
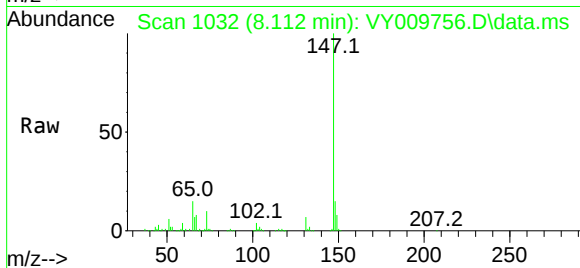
Tgt Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

61 68.0 20.2 30.2#

87 89.0 8.9 13.3#



#50

Toluene-d8

Concen: 49.443 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.007 min

Lab File: VY009756.D

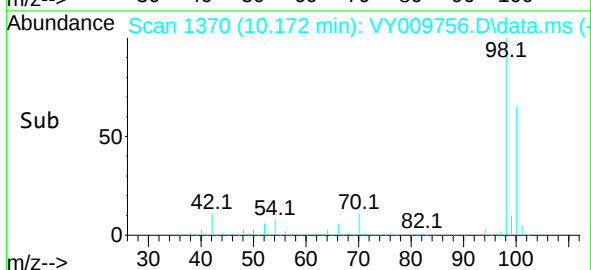
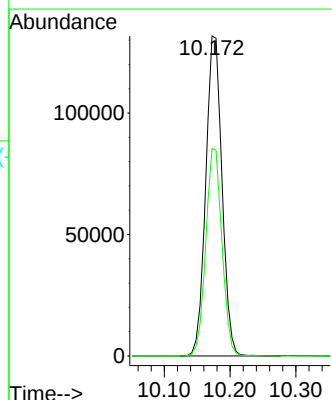
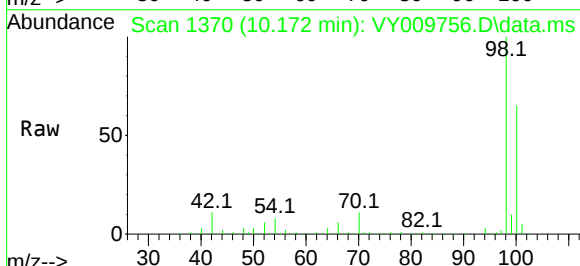
Acq: 28 Jul 2022 17:12

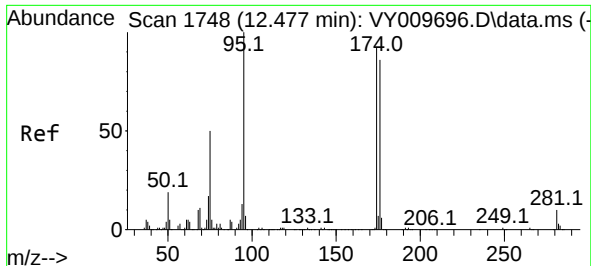
Tgt Ion: 98 Resp: 226728

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2

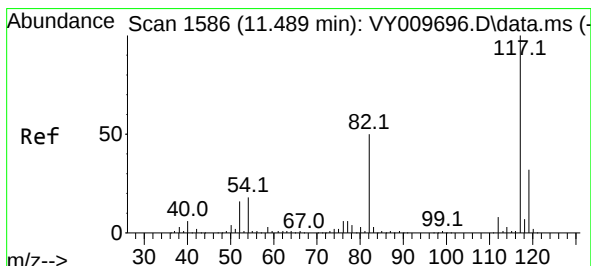
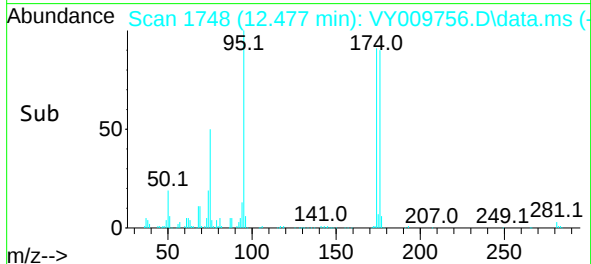
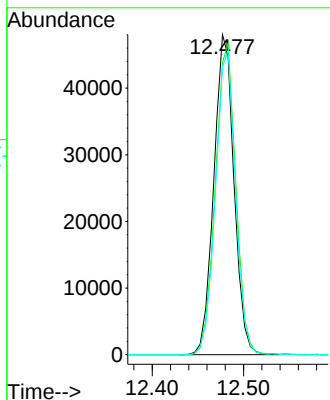
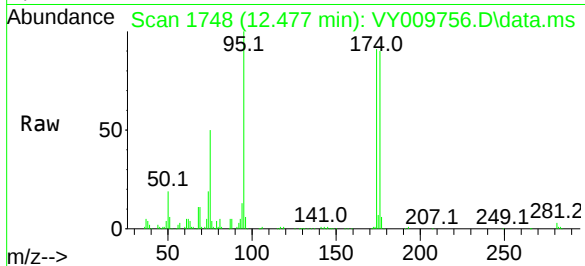




#62
4-Bromofluorobenzene
Concen: 35.303 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

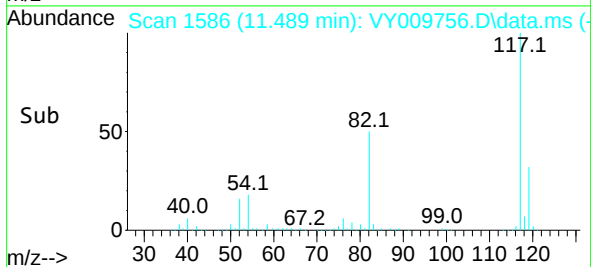
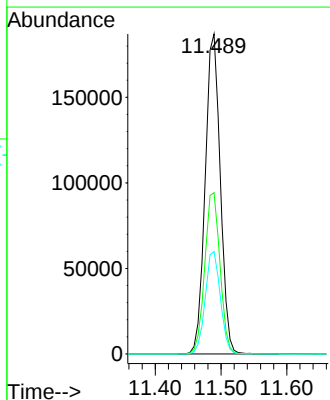
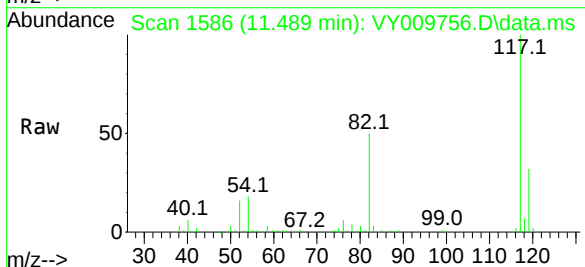
Instrument :
MSVOA_Y
ClientSampleId :
RVE-52

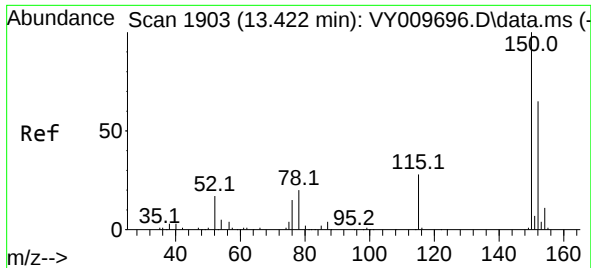
Tgt Ion: 95 Resp: 73636
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 94.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009756.D
Acq: 28 Jul 2022 17:12

Tgt Ion: 117 Resp: 299026
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 32.0 25.4 38.0

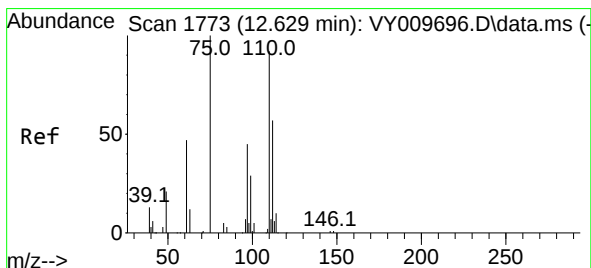
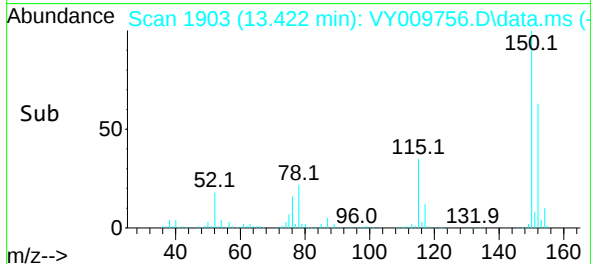
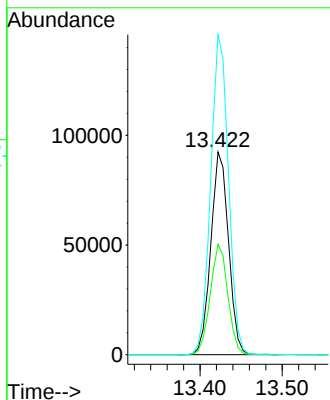
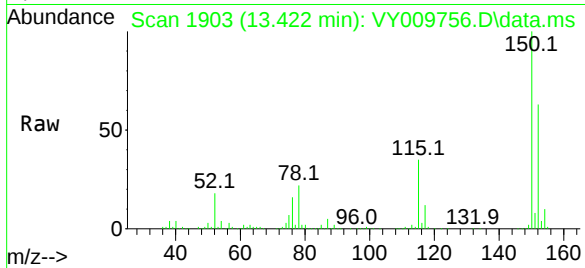




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009756.D
 Acq: 28 Jul 2022 17:12

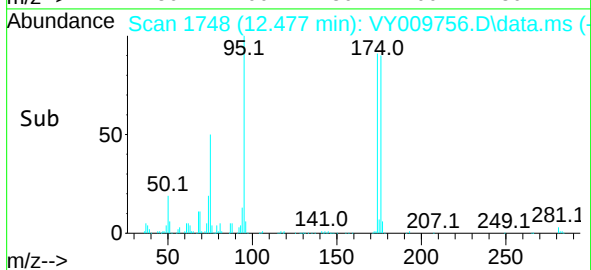
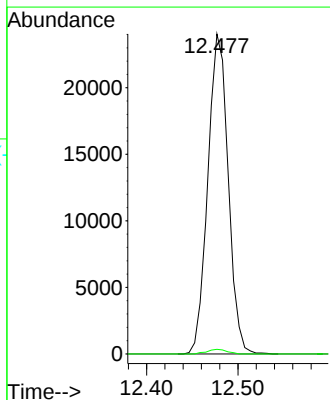
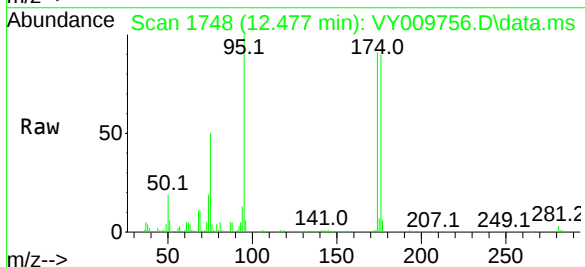
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-52

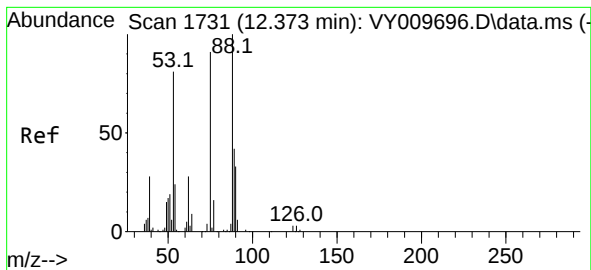
Tgt Ion:152 Resp: 138234
 Ion Ratio Lower Upper
 152 100
 115 54.0 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 28.944 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009756.D
 Acq: 28 Jul 2022 17:12

Tgt Ion: 75 Resp: 37164
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.694 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009756.D
 Acq: 28 Jul 2022 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-52

Tgt Ion: 75 Resp: 37164
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

