

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008508.D
 Acq On : 26 Apr 2022 16:50
 Operator : KP/MD
 Sample : N2502-09RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C5

Quant Time: Apr 27 01:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

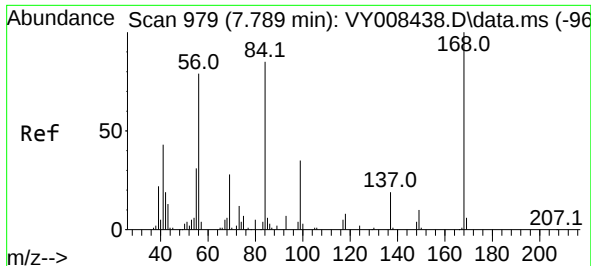
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	74477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44483	50.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.520%
35) Dibromofluoromethane	7.716	113	30861	34.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.980%
50) Toluene-d8	10.179	98	171442	48.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.483	95	56684	47.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.080%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	75	Below Cal	#	77
16) Acetone	3.942	43	2267	11.107	ug/l #	89
20) Methylene Chloride	4.716	84	4108	Below Cal	#	77
25) 2-Butanone	6.990	43	363	1.150	ug/l #	54
31) Cyclohexane	7.789	56	1618	1.123	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	6909	4.854	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7394	4.999	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	30812	37.983	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30812	88.116	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	7611	1.945	ug/l	98
85) sec-Butylbenzene	13.117	105	7611	1.473	ug/l #	56

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

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Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

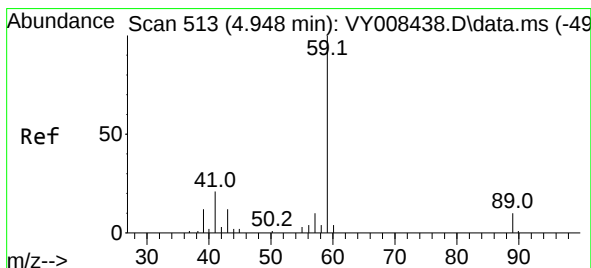
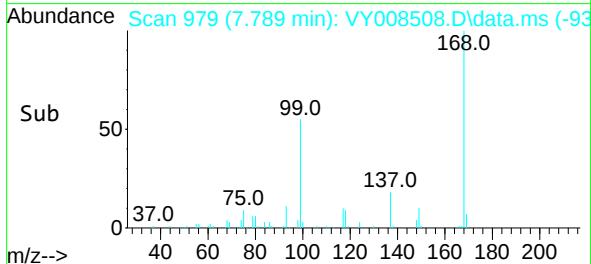
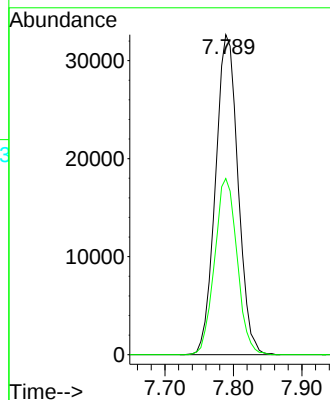
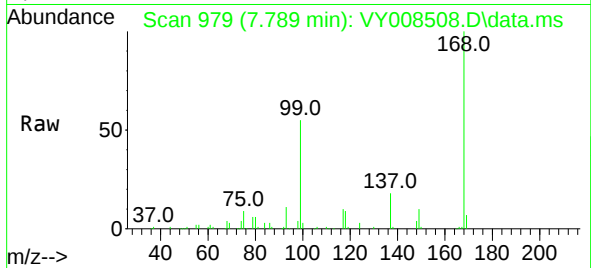




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

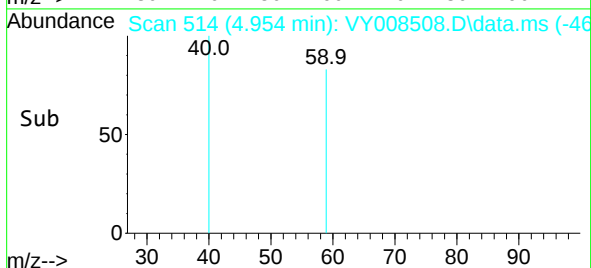
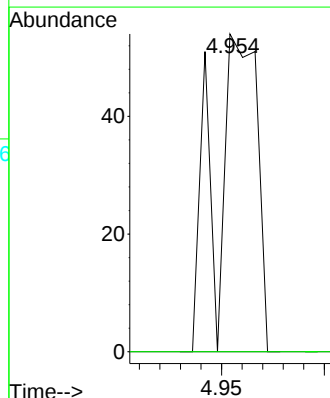
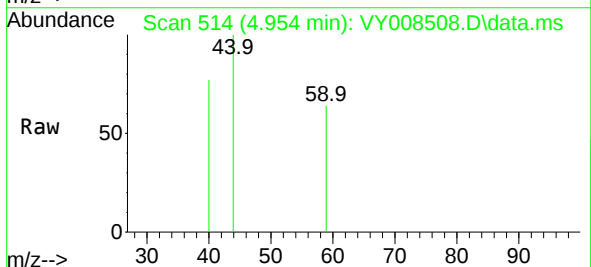
Instrument :
MSVOA_Y
ClientSampleId :
C5

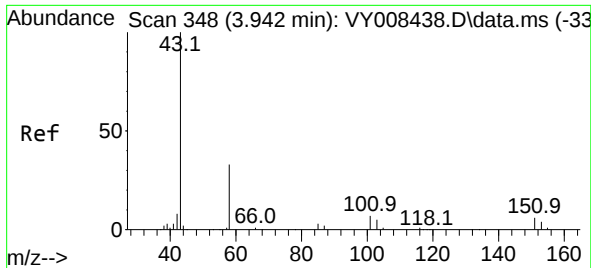
Tgt Ion:168 Resp: 74477
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

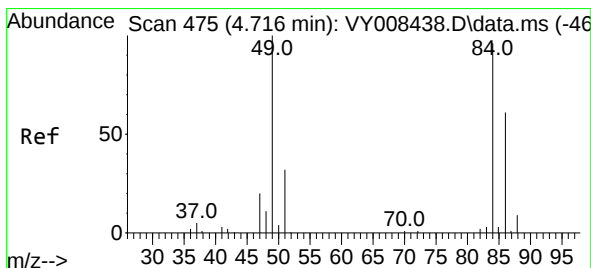
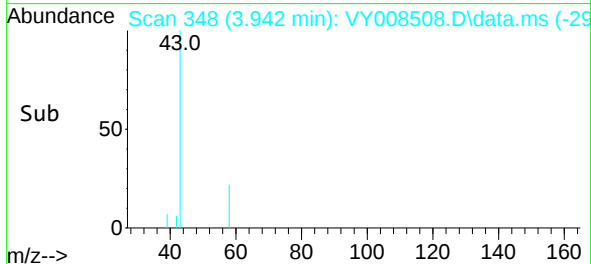
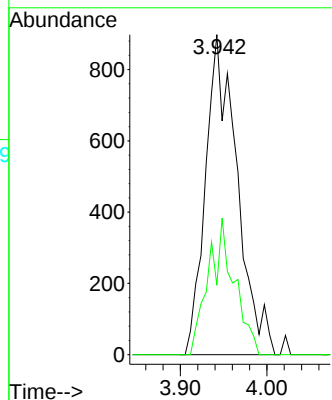
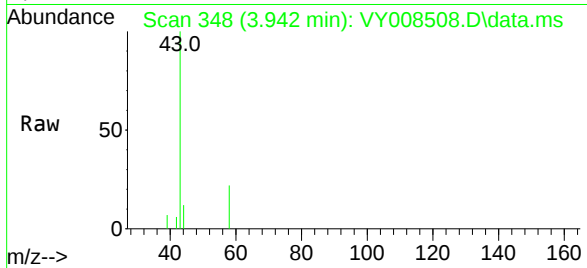




#16
Acetone
Concen: 11.107 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

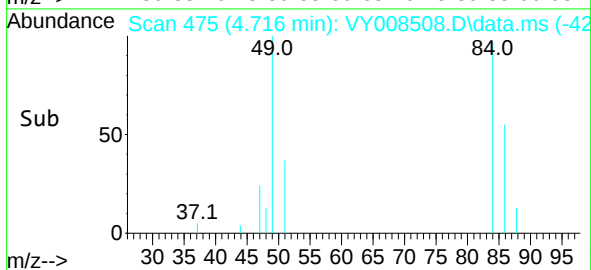
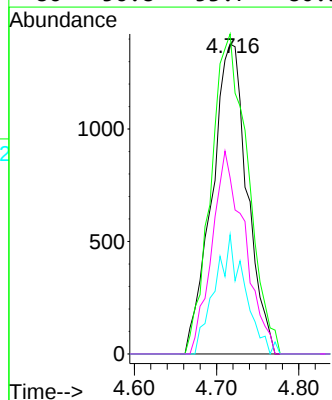
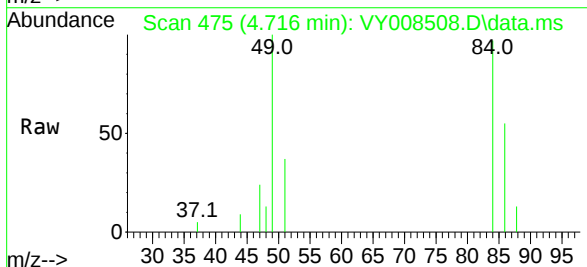
Instrument :
MSVOA_Y
ClientSampleId :
C5

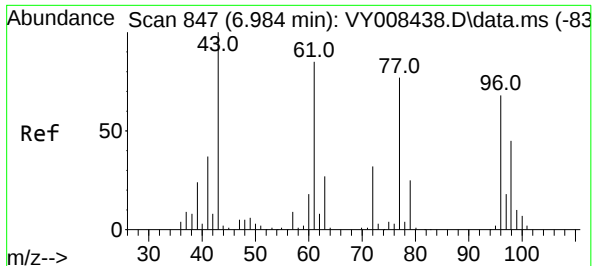
Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 21.7 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Tgt Ion: 84 Resp: 4108
Ion Ratio Lower Upper
84 100
49 103.3 114.4 171.6#
51 38.5 35.3 52.9
86 56.8 53.7 80.5





#25

2-Butanone

Concen: 1.150 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008508.D

Acq: 26 Apr 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

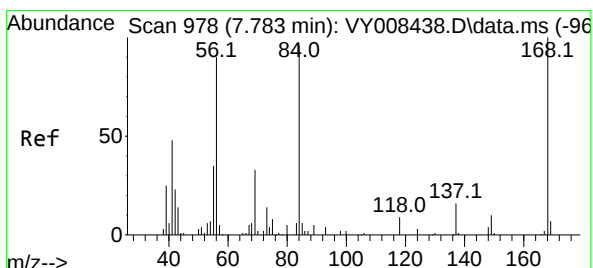
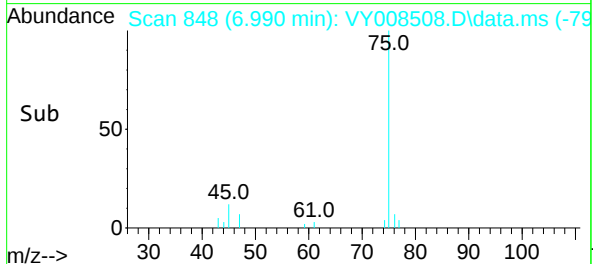
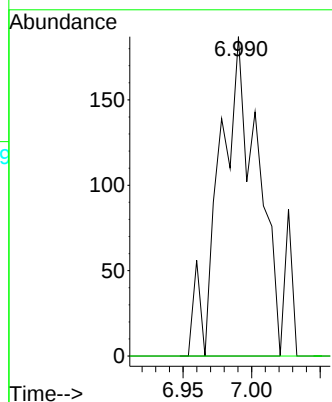
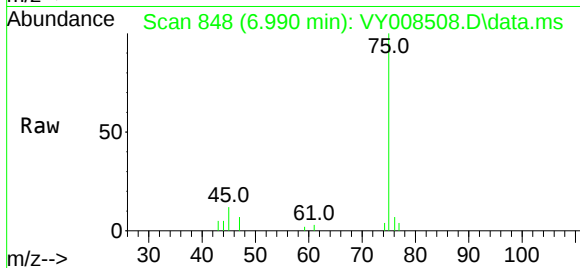
C5

Tgt Ion: 43 Resp: 363

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.123 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008508.D

Acq: 26 Apr 2022 16:50

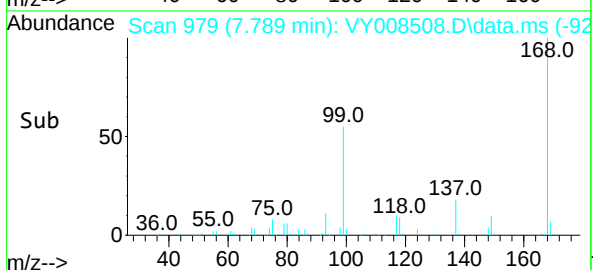
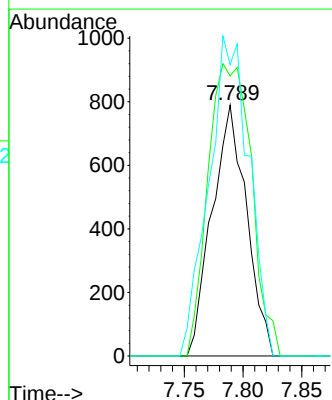
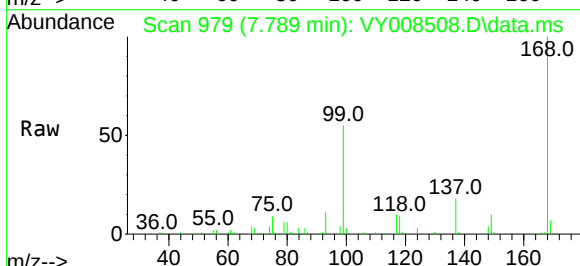
Tgt Ion: 56 Resp: 1618

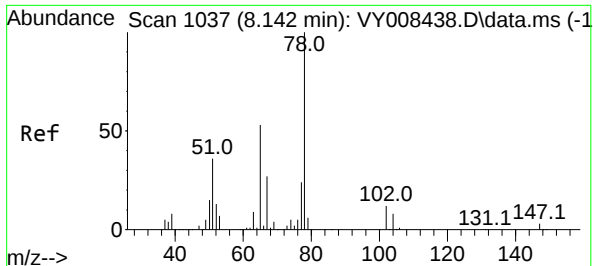
Ion Ratio Lower Upper

56 100

69 111.7 26.7 40.1#

84 116.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.761 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008508.D

Acq: 26 Apr 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

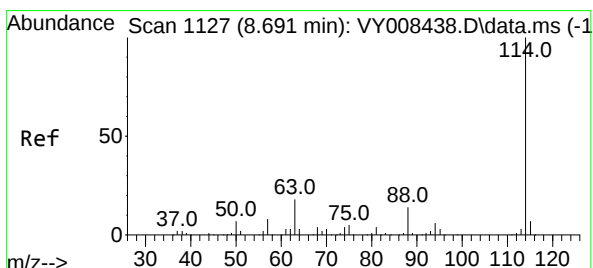
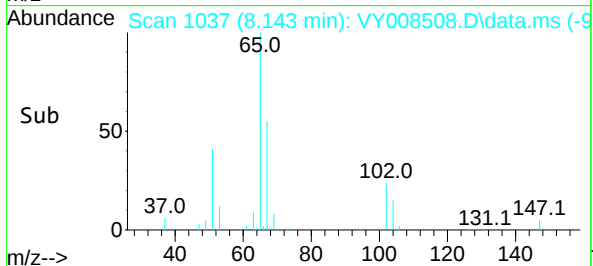
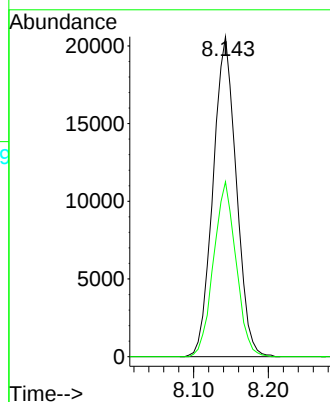
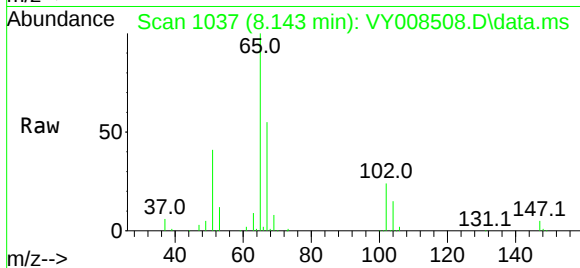
C5

Tgt Ion: 65 Resp: 44483

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008508.D

Acq: 26 Apr 2022 16:50

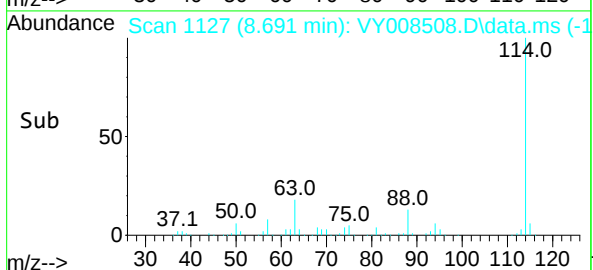
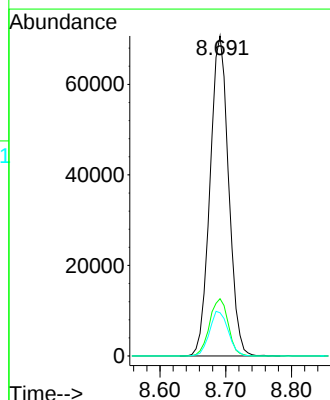
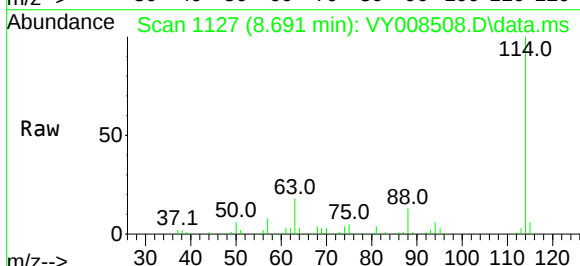
Tgt Ion: 114 Resp: 138659

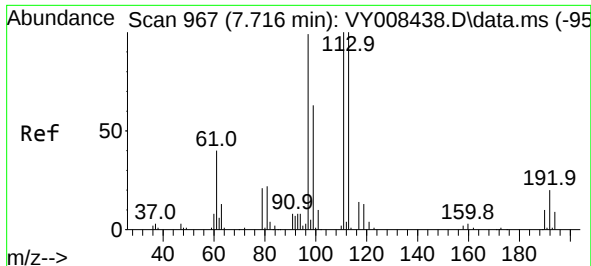
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.5 0.0 31.8

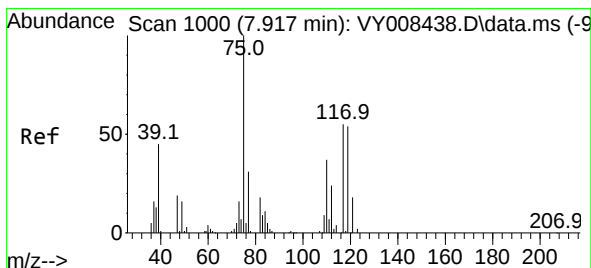
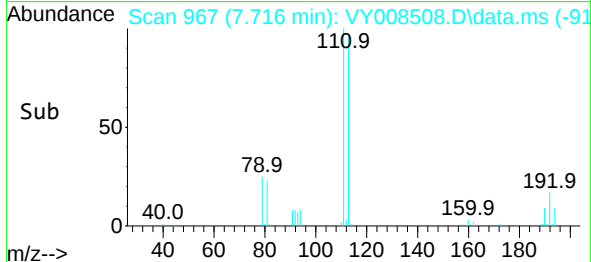
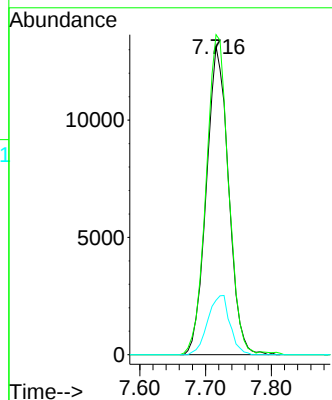
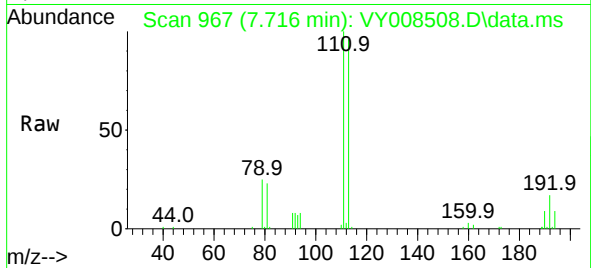




#35
Dibromofluoromethane
Concen: 34.486 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

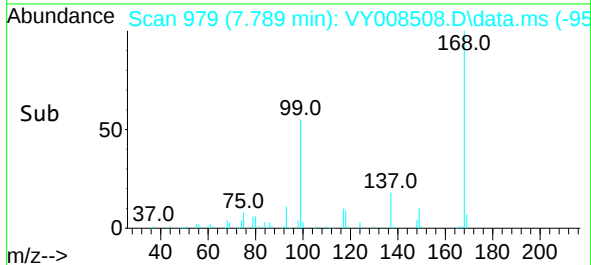
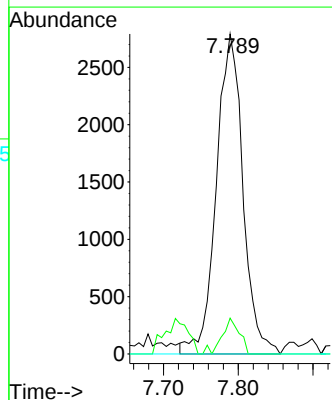
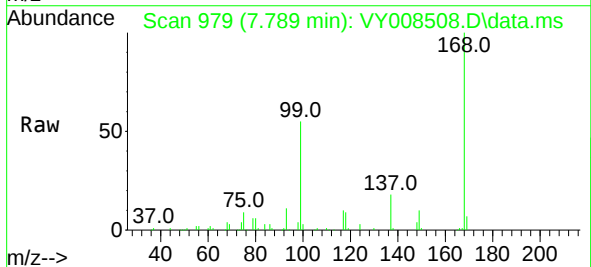
Instrument :
MSVOA_Y
ClientSampleId :
C5

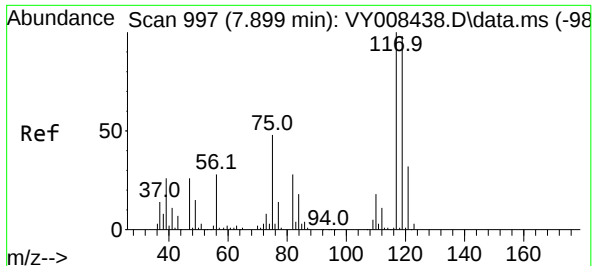
Tgt Ion:113 Resp: 30861
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

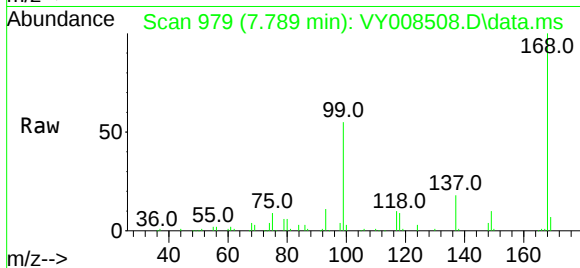
Tgt Ion: 75 Resp: 6909
Ion Ratio Lower Upper
75 100
110 7.3 17.1 51.2#
77 0.0 24.4 36.6#



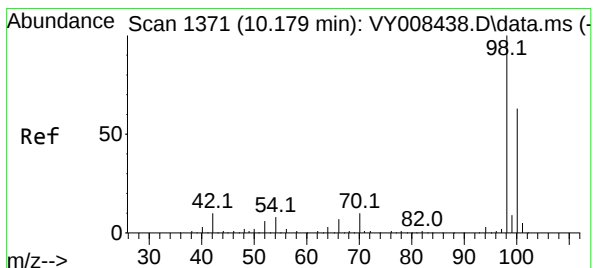
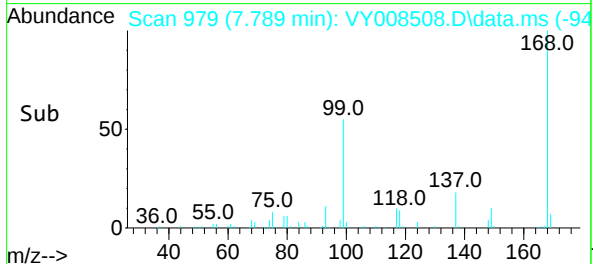
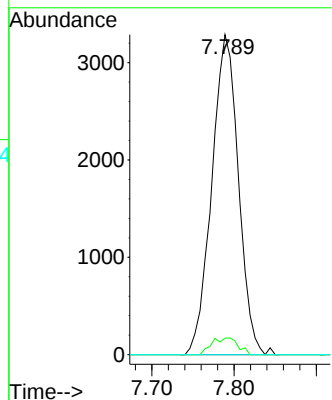


#38
Carbon Tetrachloride
Concen: 4.999 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
C5

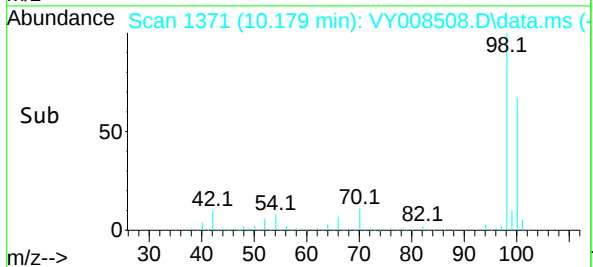
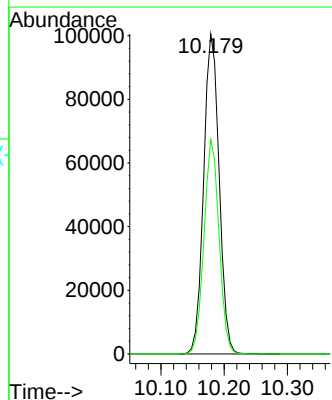
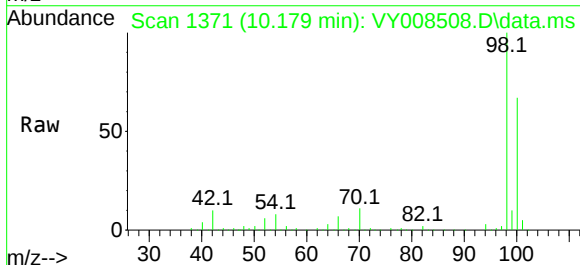


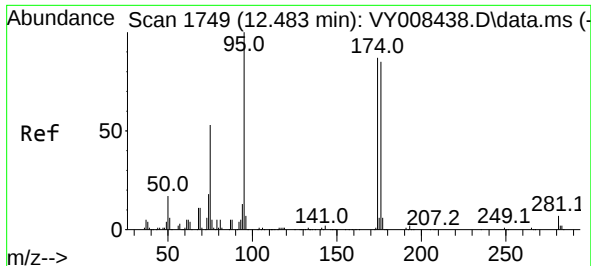
Tgt Ion:117 Resp: 7394
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.157 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Tgt Ion: 98 Resp: 171442
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

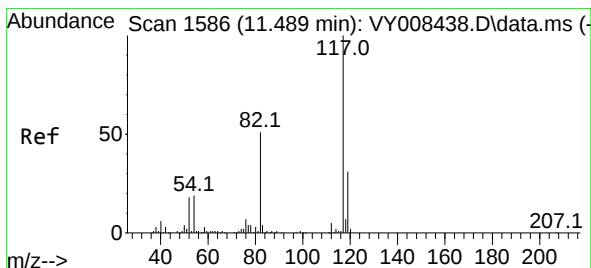
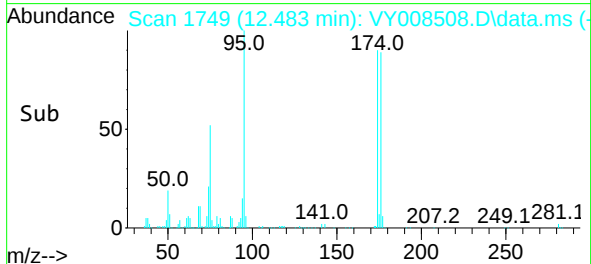
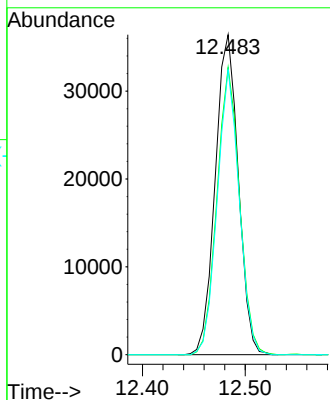
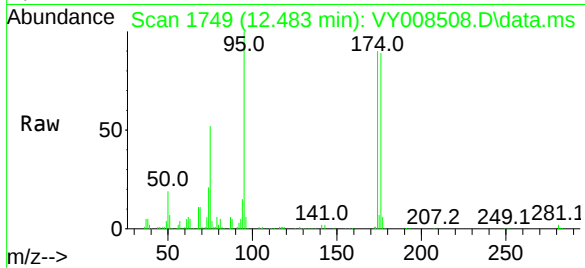




#62
4-Bromofluorobenzene
Concen: 47.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

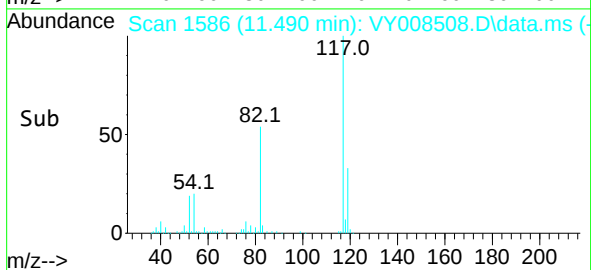
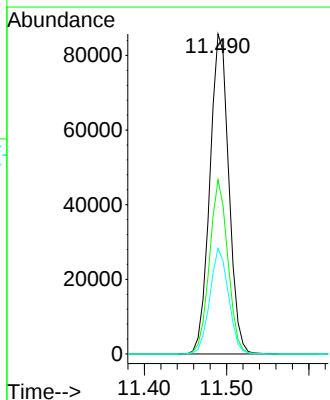
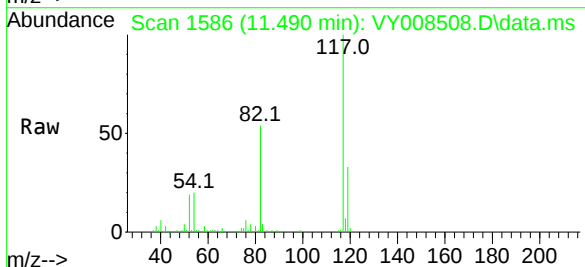
Instrument :
MSVOA_Y
ClientSampleId :
C5

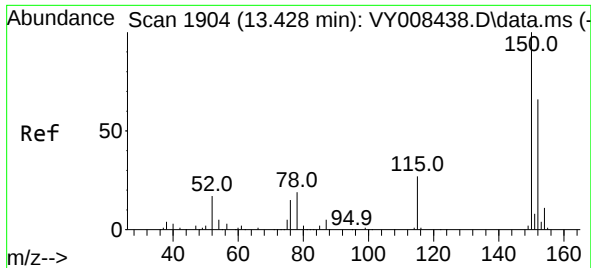
Tgt Ion: 95 Resp: 56684
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Tgt Ion: 117 Resp: 137509
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.0 25.4 38.0

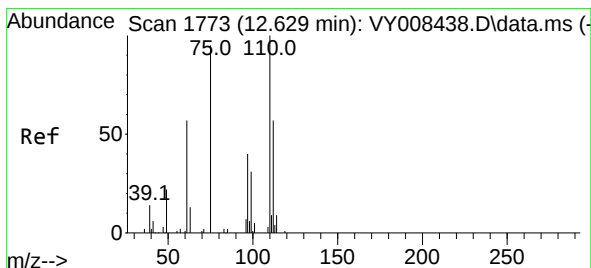
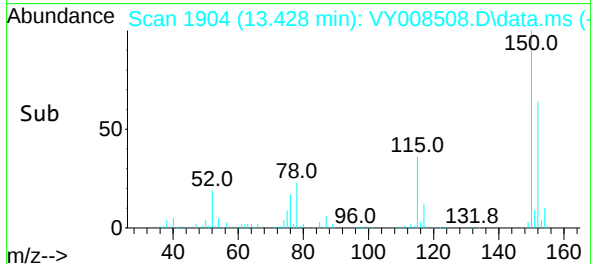
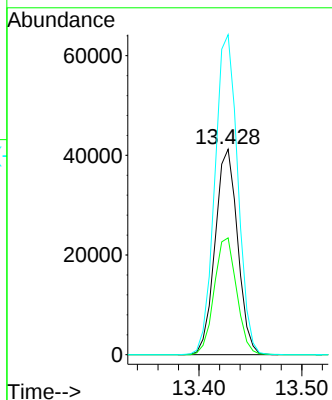
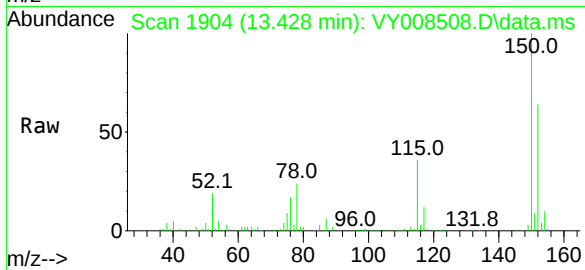




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008508.D
 Acq: 26 Apr 2022 16:50

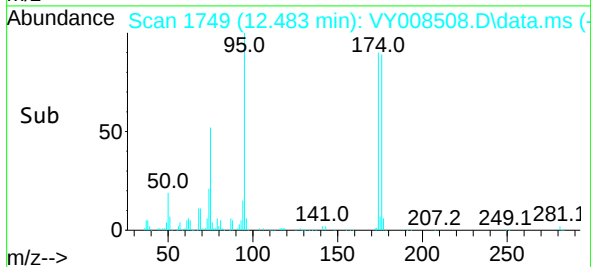
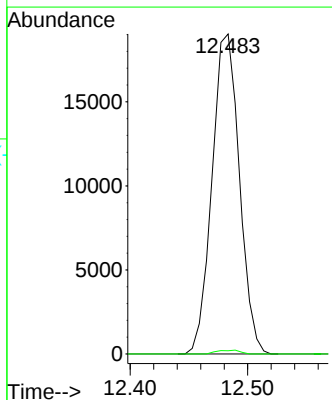
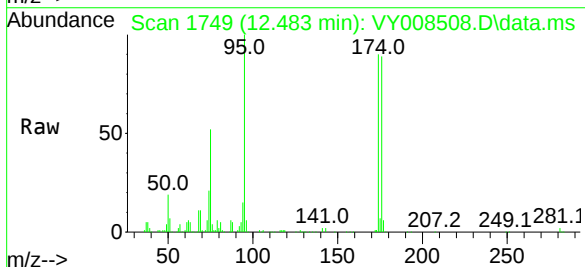
Instrument :
 MSVOA_Y
 ClientSampleId :
 C5

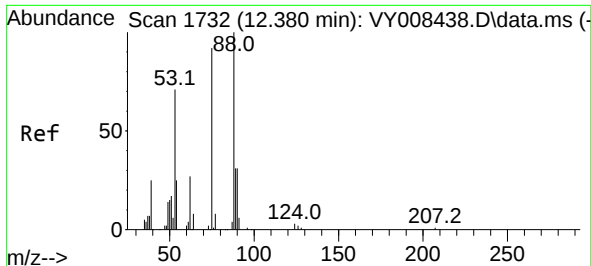
Tgt Ion:152 Resp: 62682
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.2 84.7
 150 158.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 37.983 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008508.D
 Acq: 26 Apr 2022 16:50

Tgt Ion: 75 Resp: 30812
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

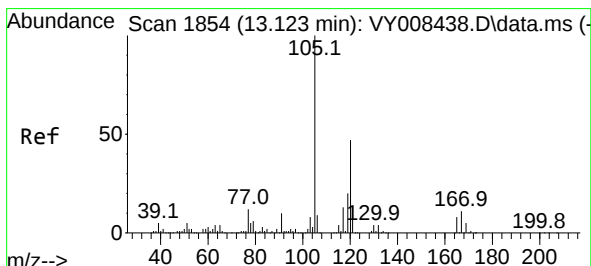
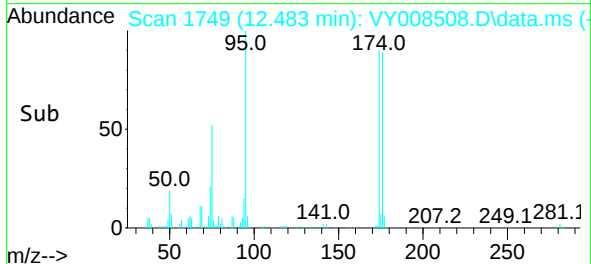
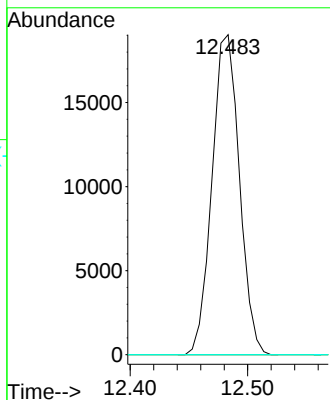
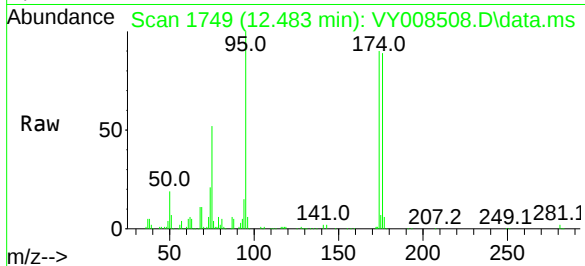




#81
trans-1,4-Dichloro-2-butene
Concen: 88.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

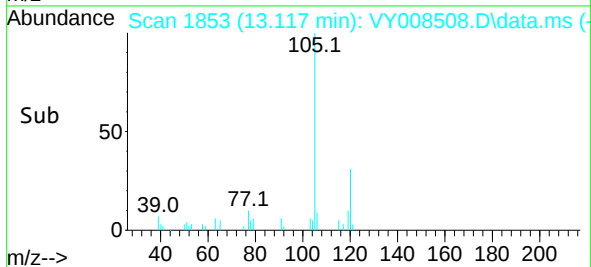
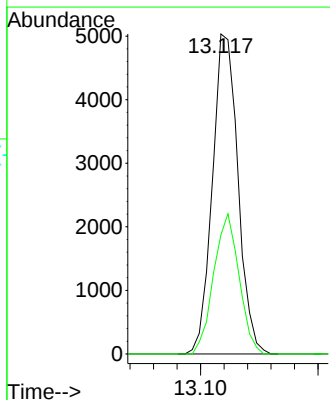
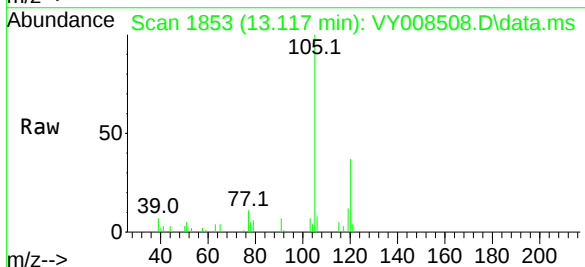
Instrument :
MSVOA_Y
ClientSampleId :
C5

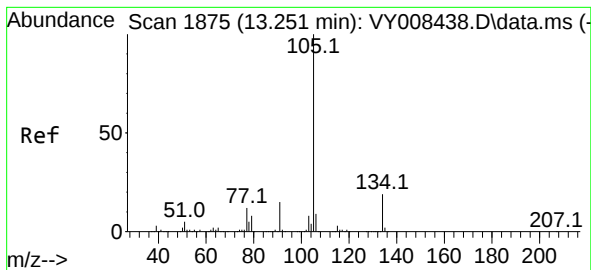
Tgt Ion: 75 Resp: 30812
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.945 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Tgt Ion: 105 Resp: 7611
Ion Ratio Lower Upper
105 100
120 43.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 1.473 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.134 min

Lab File: VY008508.D

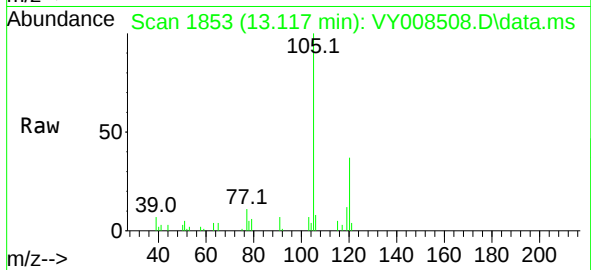
Acq: 26 Apr 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

C5



Tgt Ion:105 Resp: 7611

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

