

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025152.D
 Acq On : 24 Mar 2022 15:40
 Operator : SY/MD
 Sample : N2044-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY37

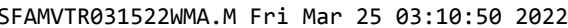
Quant Time: Mar 25 03:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

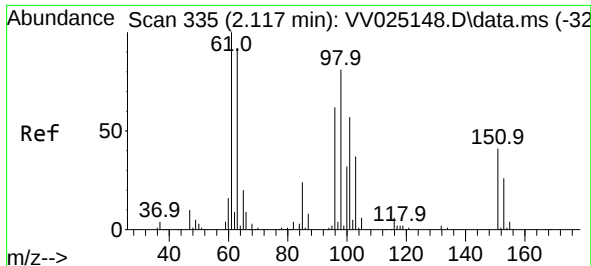
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148759	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	141341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63762	5.429	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.600%
7) Chloroethane-d5	1.571	69	51397	5.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.600%
11) 1,1-Dichloroethene-d2	2.111	63	88350	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.892	46	91871	64.728	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.460%
24) Chloroform-d	4.352	84	109742	5.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%
26) 1,2-Dichloroethane-d4	5.034	65	46625	5.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	5.053	84	236355	5.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
36) 1,2-Dichloropropane-d6	6.069	67	67397	5.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.400%
41) Toluene-d8	7.317	98	206890	5.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
43) trans-1,3-Dichloroprop...	7.625	79	20494	4.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.088	63	78934	56.302	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40449	5.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	68404	5.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	879	0.091	ug/L #	22
12) 1,1-Dichloroethene	2.121	96	12941	1.366	ug/L #	1
13) Acetone	2.185	43	7225	7.611	ug/L	86
19) 1,1-Dichloroethane	3.191	63	179232	9.234	ug/L	98
25) Chloroform	4.387	83	6883	0.341	ug/L	93
29) 1,1,1-Trichloroethane	4.612	97	9370	0.520	ug/L	95
31) Carbon tetrachloride	4.612	117	1109	0.072	ug/L	87
34) Trichloroethene	5.921	95	6099	0.498	ug/L	85
35) Methylcyclohexane	6.069	83	16455	0.849	ug/L #	23
37) 1,2-Dichloropropane	6.182	63	2804	0.265	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1422	0.097	ug/L #	33
47) Tetrachloroethene	7.982	164	564	0.065	ug/L	93
53) m,p-Xylene	9.146	106	732	0.037	ug/L	69
68) 1,2-Dibromo-3-chloropr...	12.246	75	580	0.571	ug/L #	1

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

Quant Time: Mar 25 03:10:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 25 02:51:12 2022
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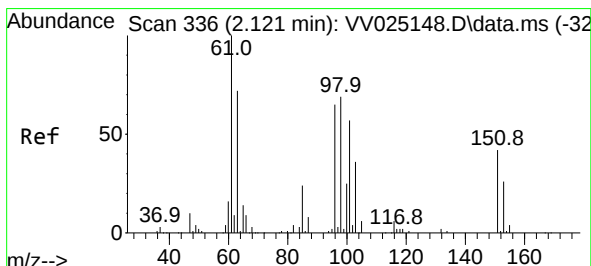
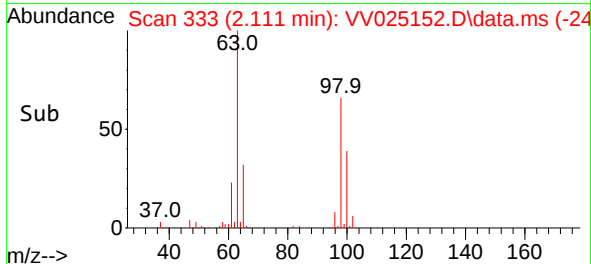
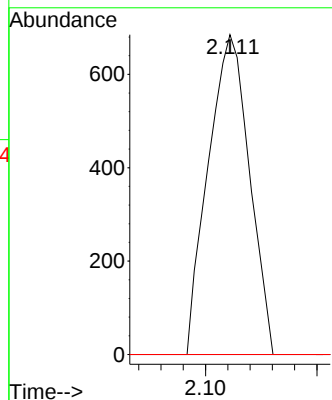
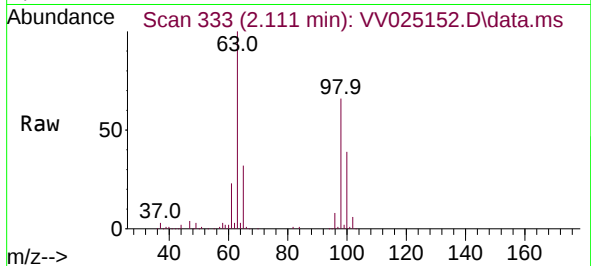




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV025152.D
Acq: 24 Mar 2022 15:40

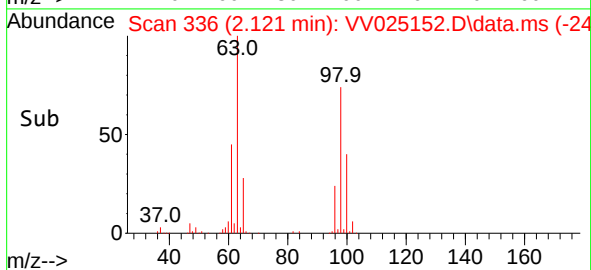
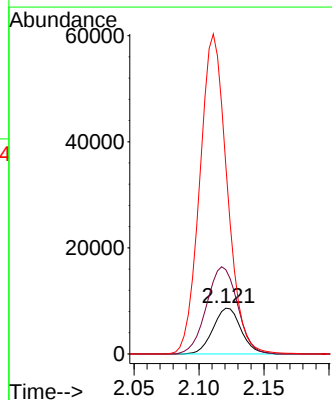
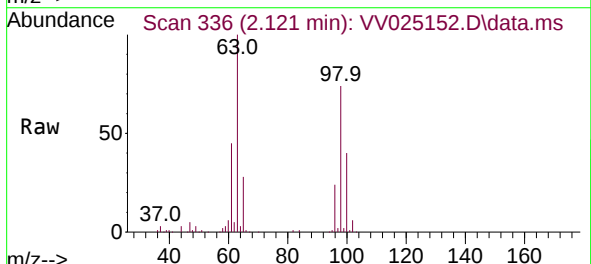
Instrument :
MSVOA_V
ClientSampleId :
BFY37

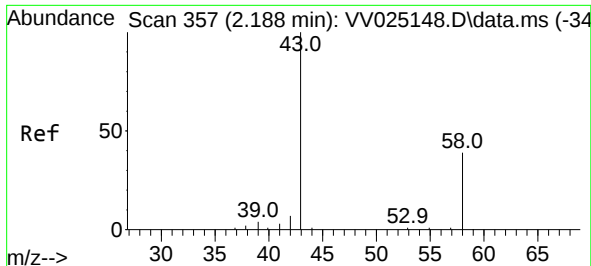
Tgt Ion:101 Resp: 879
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 55.6 83.4#



#12
1,1-Dichloroethene
Concen: 1.366 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV025152.D
Acq: 24 Mar 2022 15:40

Tgt Ion: 96 Resp: 12941
Ion Ratio Lower Upper
96 100
61 184.1 113.0 209.9
63 412.4 82.1 152.5#





#13

Acetone

Concen: 7.611 ug/L

RT: 2.185 min Scan# 357

Delta R.T. -0.003 min

Lab File: VV025152.D

Acq: 24 Mar 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

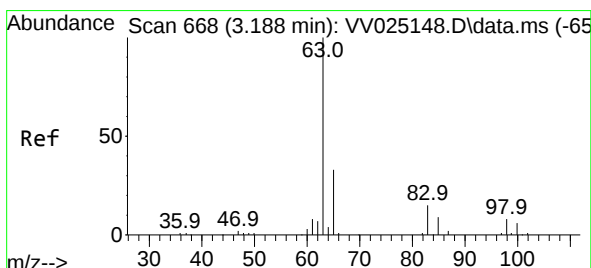
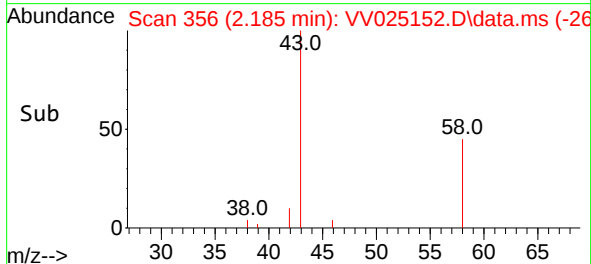
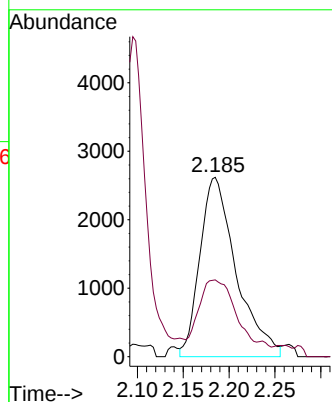
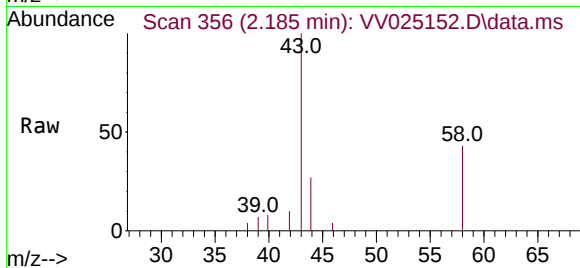
BFY37

Tgt Ion: 43 Resp: 7225

Ion Ratio Lower Upper

43 100

58 34.4 0.0 54.2



#19

1,1-Dichloroethane

Concen: 9.234 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV025152.D

Acq: 24 Mar 2022 15:40

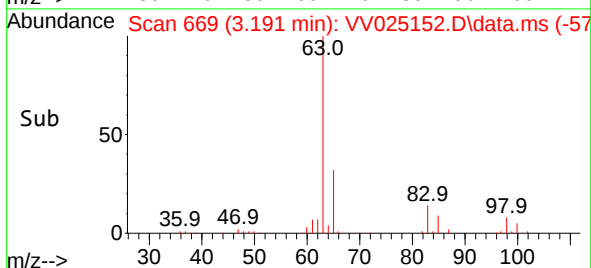
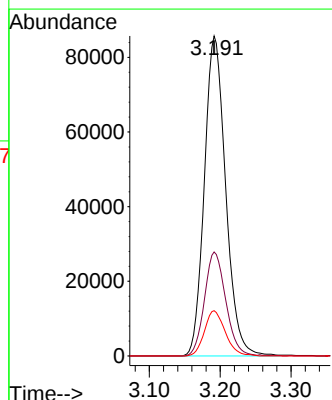
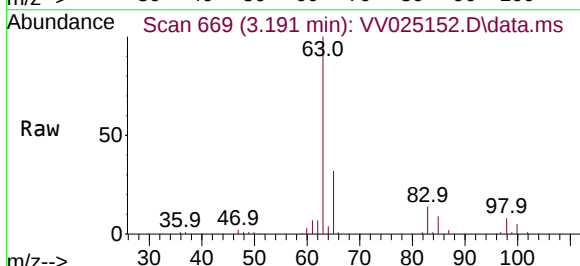
Tgt Ion: 63 Resp: 179232

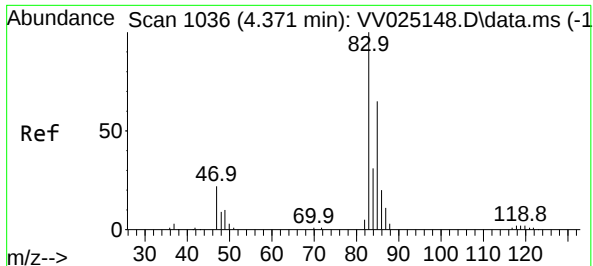
Ion Ratio Lower Upper

63 100

65 32.5 22.2 41.2

83 14.2 9.4 17.4





#25

Chloroform

Concen: 0.341 ug/L

RT: 4.387 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VV025152.D

Acq: 24 Mar 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

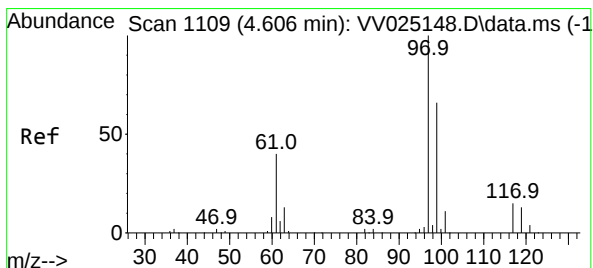
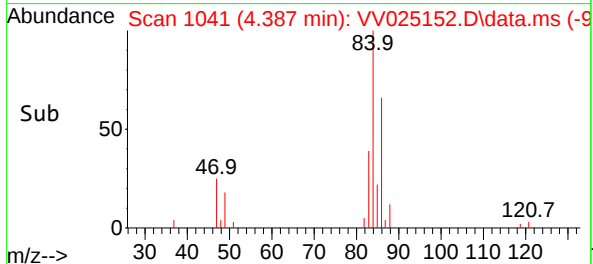
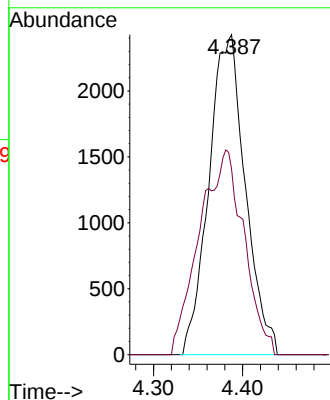
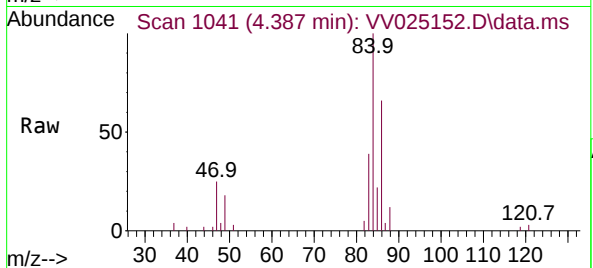
BFY37

Tgt Ion: 83 Resp: 6883

Ion Ratio Lower Upper

83 100

85 58.1 44.5 82.7



#29

1,1,1-Trichloroethane

Concen: 0.520 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV025152.D

Acq: 24 Mar 2022 15:40

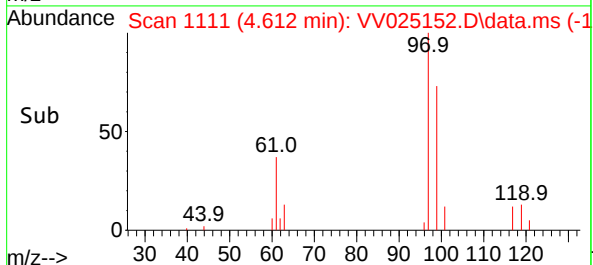
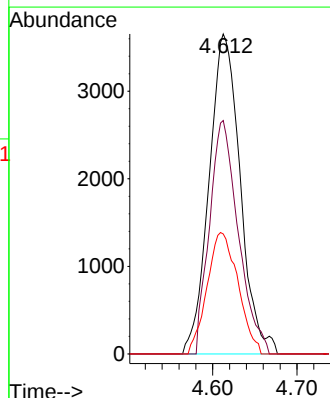
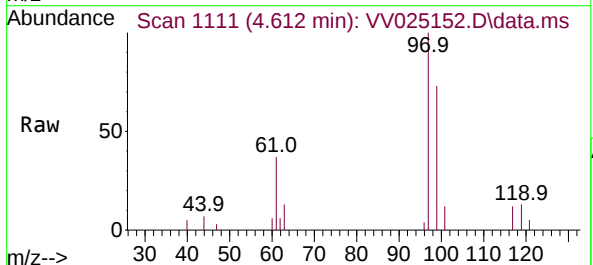
Tgt Ion: 97 Resp: 9370

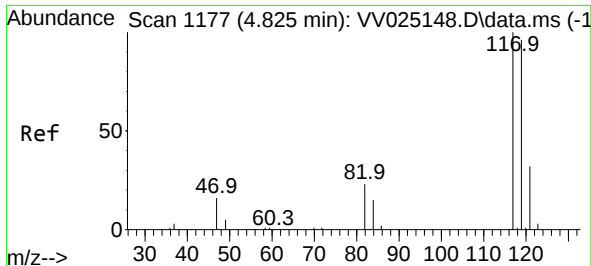
Ion Ratio Lower Upper

97 100

99 67.5 50.7 76.1

61 37.7 32.4 48.6

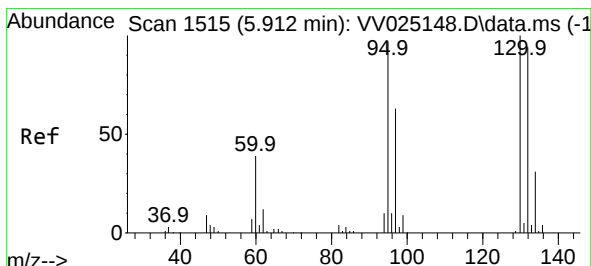
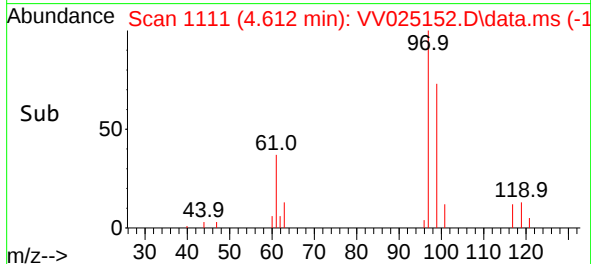
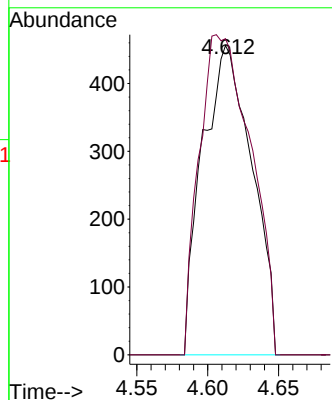
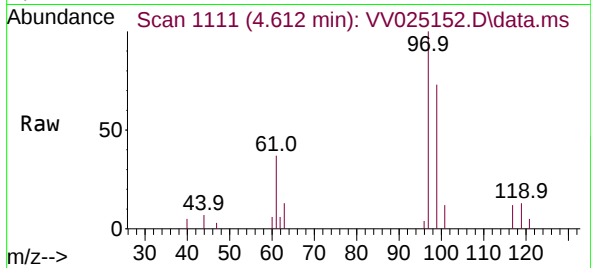




#31
Carbon tetrachloride
Concen: 0.072 ug/L
RT: 4.612 min Scan# 1177
Delta R.T. -0.212 min
Lab File: VV025152.D
Acq: 24 Mar 2022 15:40

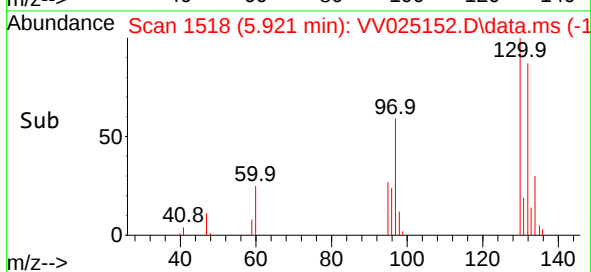
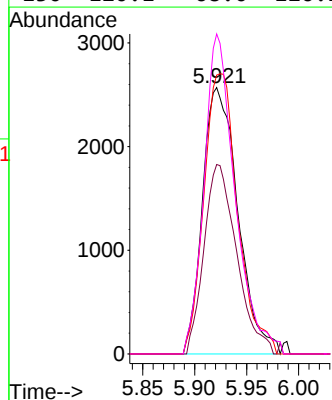
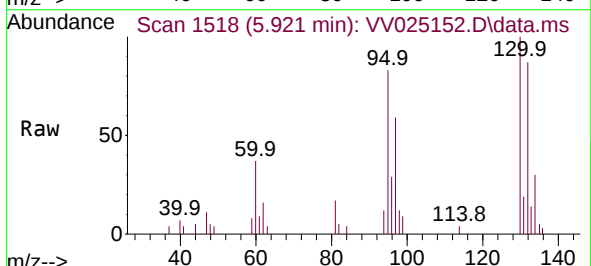
Instrument :
MSVOA_V
ClientSampleId :
BFY37

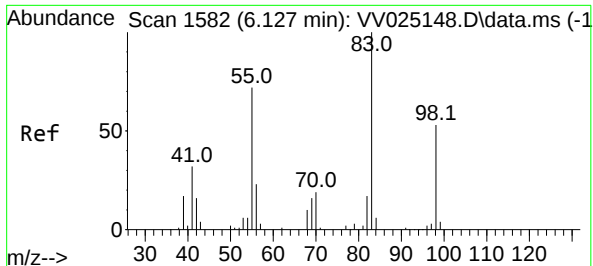
Tgt Ion:117 Resp: 1109
Ion Ratio Lower Upper
117 100
119 108.3 76.8 115.2



#34
Trichloroethene
Concen: 0.498 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV025152.D
Acq: 24 Mar 2022 15:40

Tgt Ion: 95 Resp: 6099
Ion Ratio Lower Upper
95 100
97 71.1 44.5 82.7
132 104.7 66.5 123.5
130 120.1 68.0 126.2





#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025152.D

Acq: 24 Mar 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

BFY37

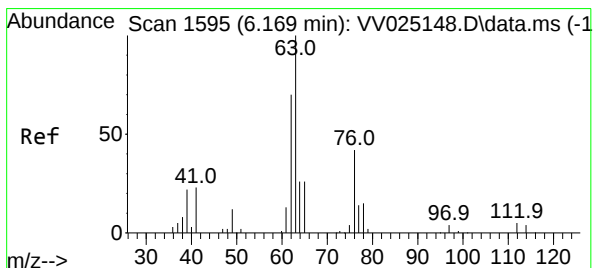
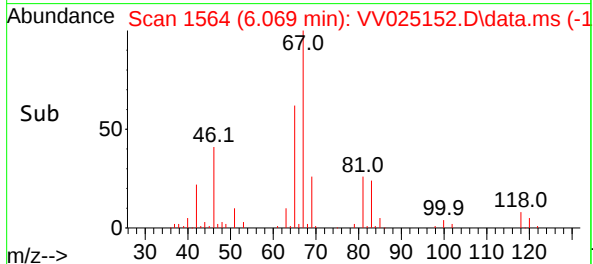
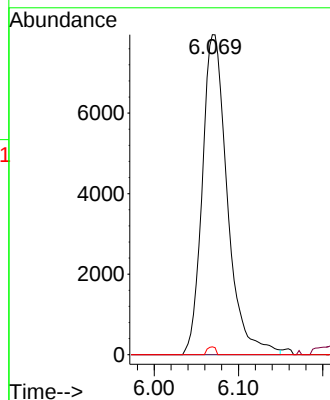
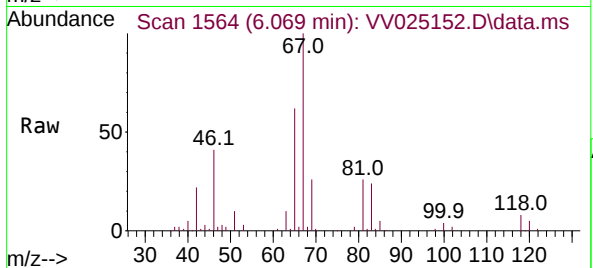
Tgt Ion: 83 Resp: 16455

Ion Ratio Lower Upper

83 100

55 2.9 55.4 83.0#

98 0.8 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.265 ug/L

RT: 6.182 min Scan# 1599

Delta R.T. 0.013 min

Lab File: VV025152.D

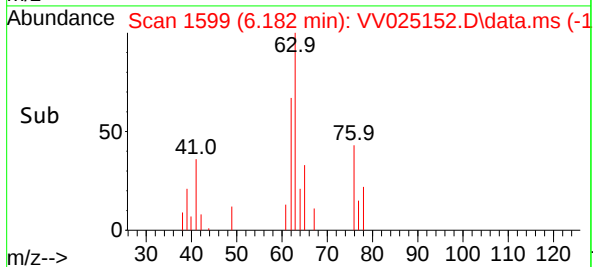
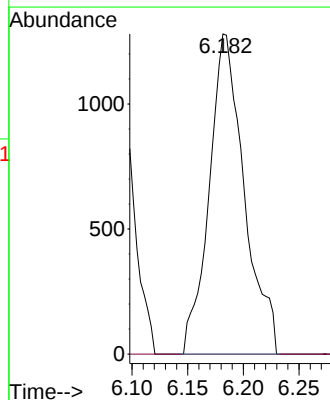
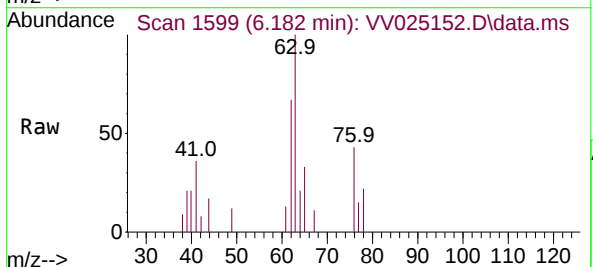
Acq: 24 Mar 2022 15:40

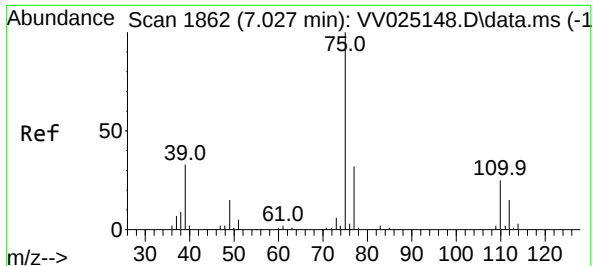
Tgt Ion: 63 Resp: 2804

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025152.D

Acq: 24 Mar 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

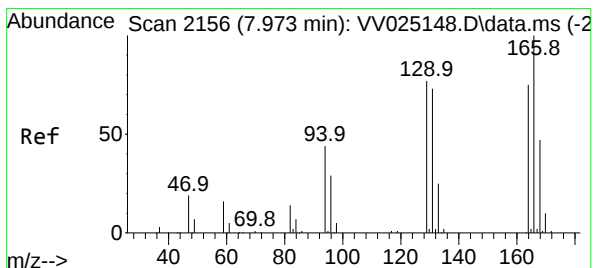
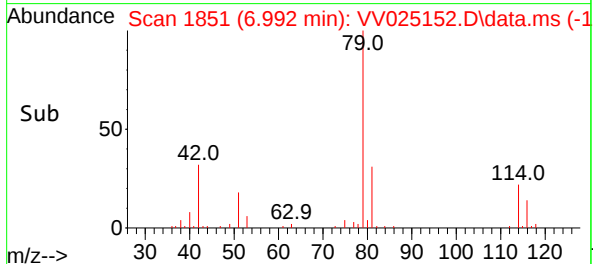
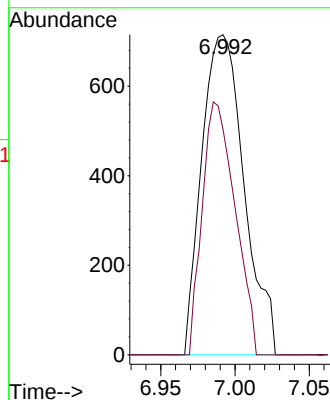
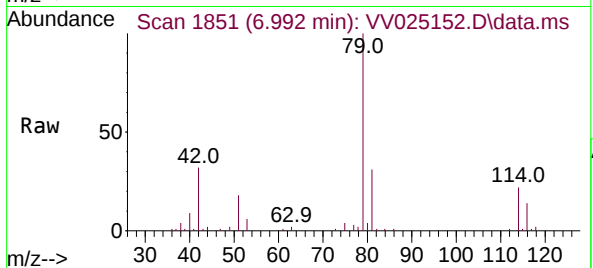
BFY37

Tgt Ion: 75 Resp: 1422

Ion Ratio Lower Upper

75 100

77 70.6 23.0 42.8#



#47

Tetrachloroethene

Concen: 0.065 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV025152.D

Acq: 24 Mar 2022 15:40

Tgt Ion: 164 Resp: 564

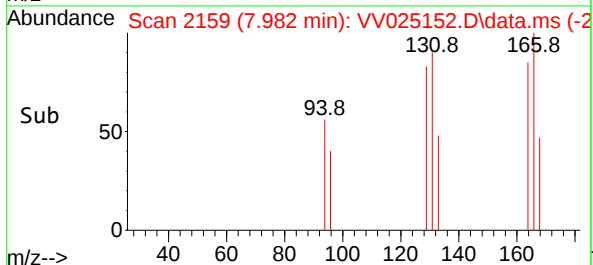
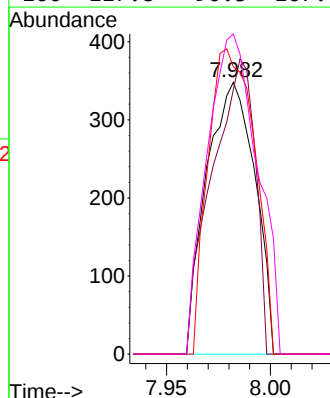
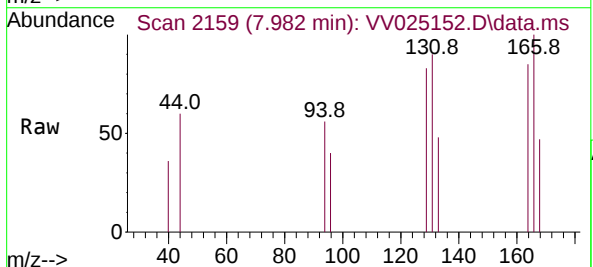
Ion Ratio Lower Upper

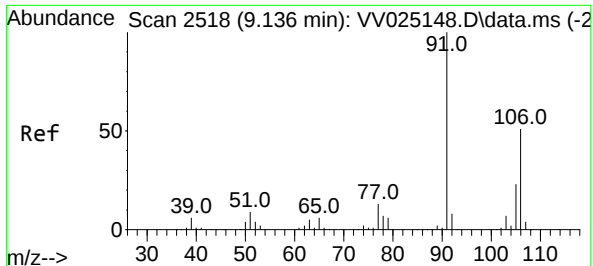
164 100

129 97.4 70.3 130.7

131 105.7 69.4 129.0

166 117.8 90.3 167.7

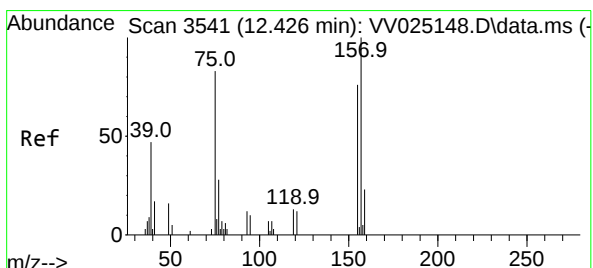
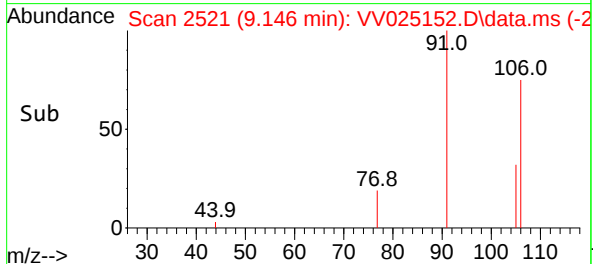
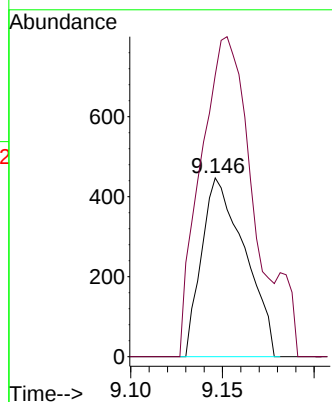
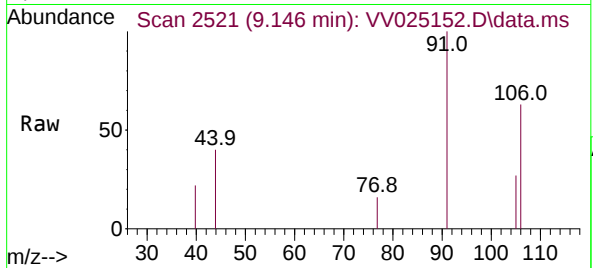




#53
m,p-Xylene
Concen: 0.037 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025152.D
Acq: 24 Mar 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
BFY37

Tgt Ion:106 Resp: 732
Ion Ratio Lower Upper
106 100
91 157.5 143.4 266.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.571 ug/L
RT: 12.246 min Scan# 3485
Delta R.T. -0.180 min
Lab File: VV025152.D
Acq: 24 Mar 2022 15:40

Tgt Ion: 75 Resp: 580
Ion Ratio Lower Upper
75 100
155 0.0 65.9 98.9#
157 0.0 89.7 134.5#

