

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025174.D
 Acq On : 25 Mar 2022 13:21
 Operator : SY/MD
 Sample : N2100-04RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6

Quant Time: Mar 25 23:21:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

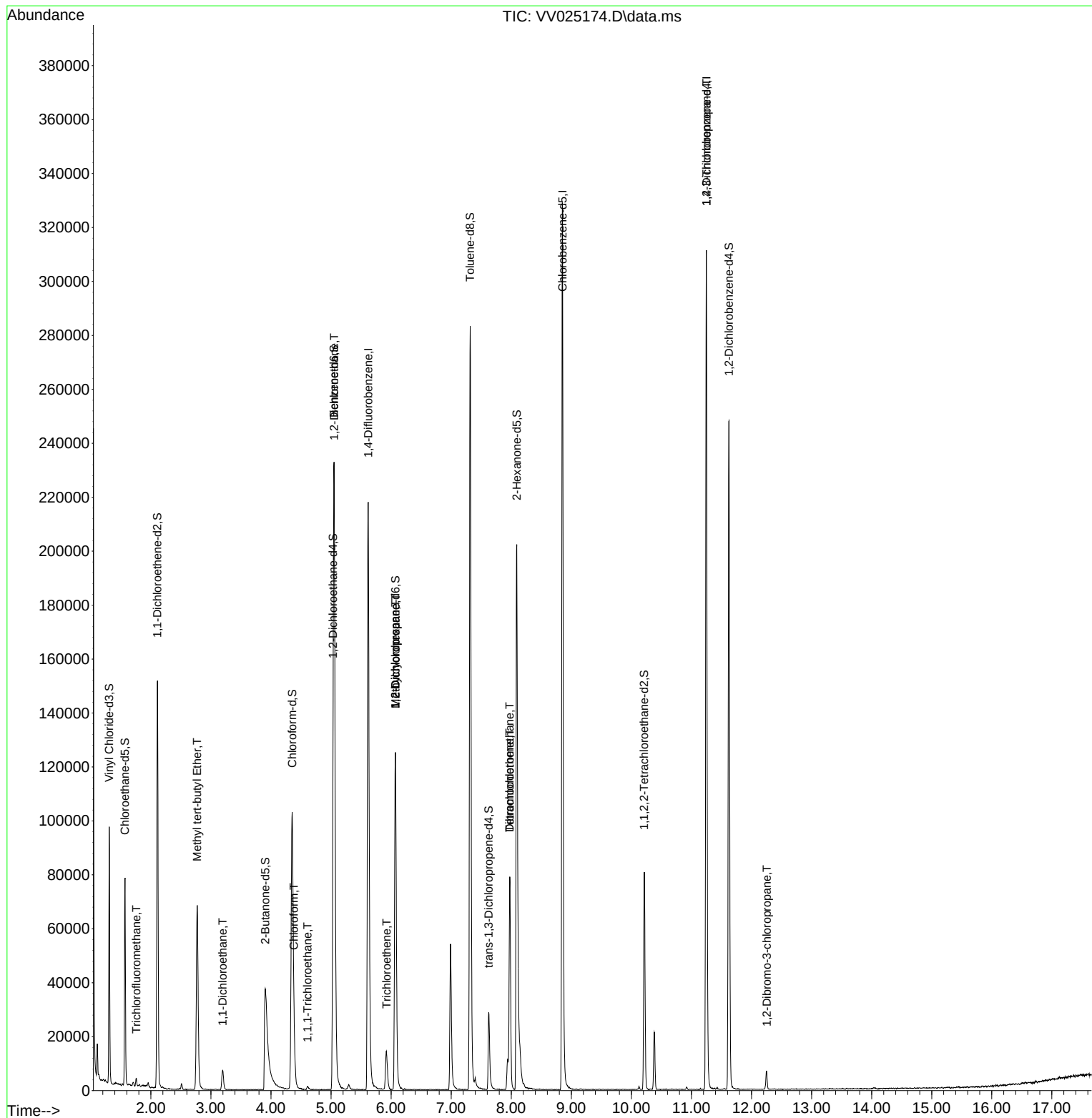
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	205141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	192317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59625	3.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.568	69	50238	4.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.108	63	79485	3.037	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.905	46	93922	47.986	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.980%
24) Chloroform-d	4.352	84	110732	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.034	65	47426	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.050	84	230874	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.072	67	67982	4.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.316	98	198979	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.625	79	19783	3.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.091	63	79753	41.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.620%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	41175	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	66980	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	1679	0.068	ug/L	88
17) Methyl tert-butyl Ether	2.770	73	76585	2.690	ug/L	98
19) 1,1-Dichloroethane	3.194	63	8012	0.299	ug/L	98
25) Chloroform	4.381	83	13511	0.485	ug/L	97
27) 1,2-Dichloroethane	5.053	62	1092	0.079	ug/L #	71
29) 1,1,1-Trichloroethane	4.609	97	1135	0.046	ug/L #	77
34) Trichloroethene	5.924	95	4978	0.299	ug/L	98
35) Methylcyclohexane	6.072	83	16437	0.623	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6730	0.468	ug/L #	86
47) Tetrachloroethene	7.976	164	18142	1.548	ug/L	97
49) Dibromochloromethane	7.976	129	17531	1.631	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	9971	1.423	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.252	75	202	0.168	ug/L #	1

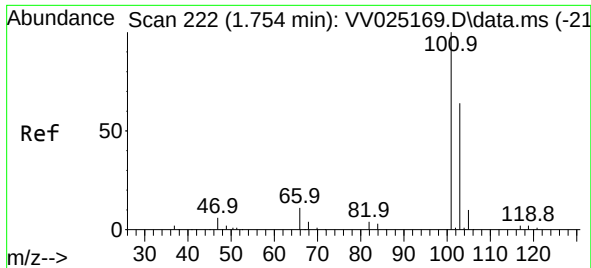
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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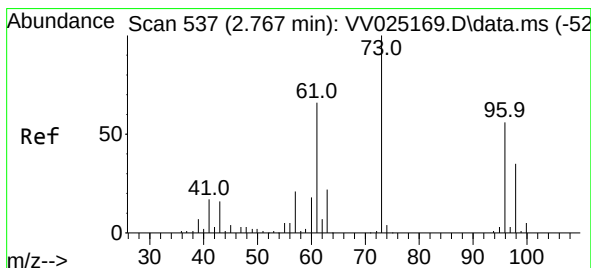
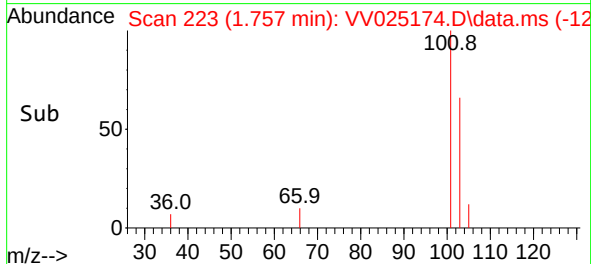
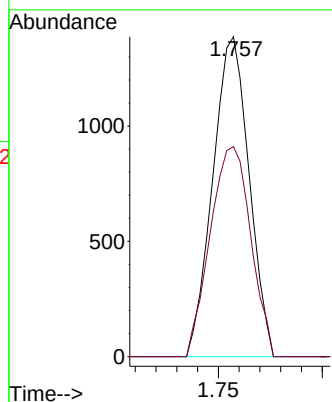
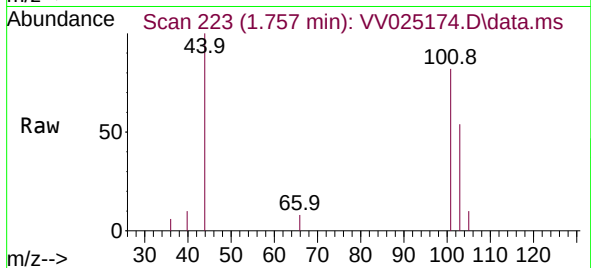




#9
Trichlorofluoromethane
Concen: 0.068 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025174.D
Acq: 25 Mar 2022 13:21

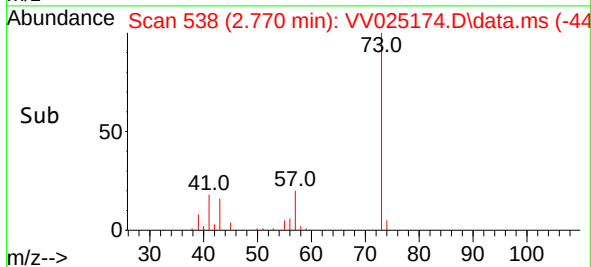
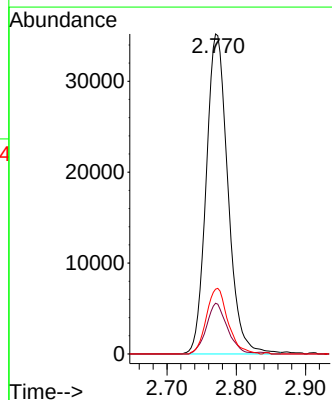
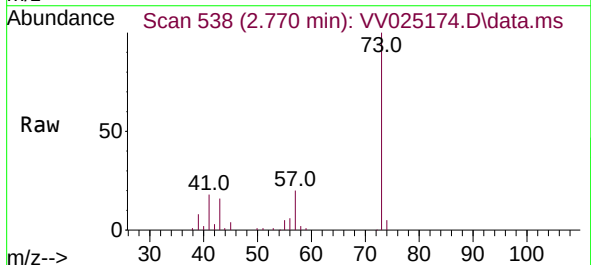
Instrument :
MSVOA_V
ClientSampleId :
C0AF6

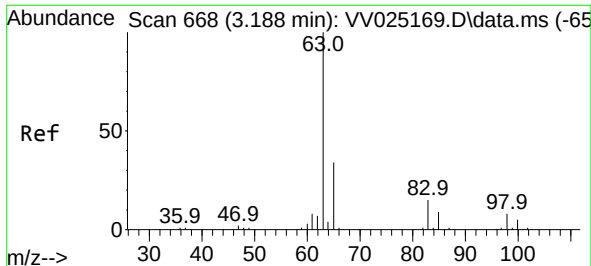
Tgt Ion:101 Resp: 1679
Ion Ratio Lower Upper
101 100
103 73.4 51.5 77.3



#17
Methyl tert-butyl Ether
Concen: 2.690 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025174.D
Acq: 25 Mar 2022 13:21

Tgt Ion: 73 Resp: 76585
Ion Ratio Lower Upper
73 100
43 15.3 13.2 19.8
57 20.4 16.7 25.1





#19

1,1-Dichloroethane

Concen: 0.299 ug/L

RT: 3.194 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV025174.D

Acq: 25 Mar 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

C0AF6

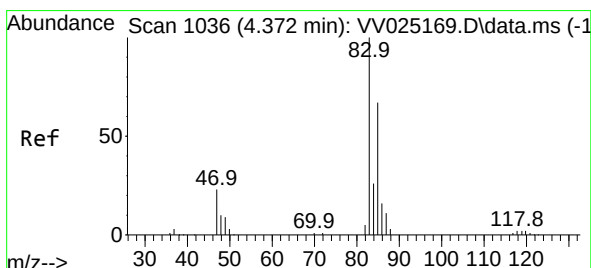
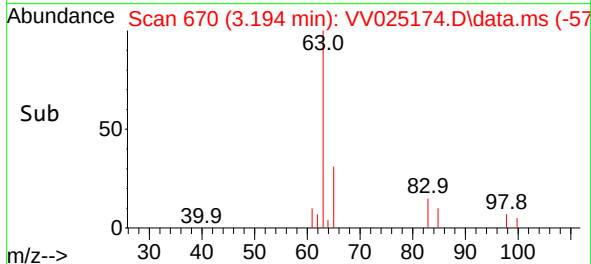
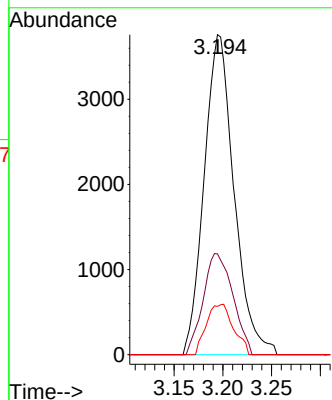
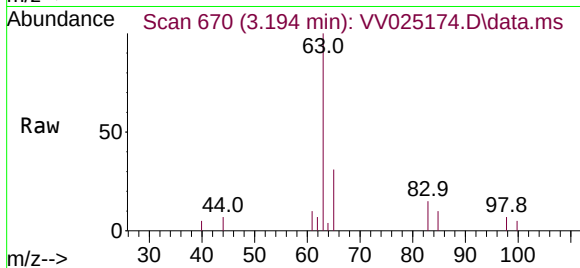
Tgt Ion: 63 Resp: 8012

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 15.1 9.4 17.4



#25

Chloroform

Concen: 0.485 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.009 min

Lab File: VV025174.D

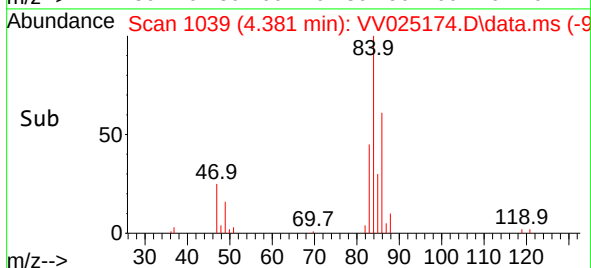
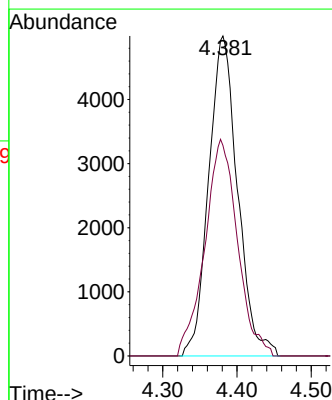
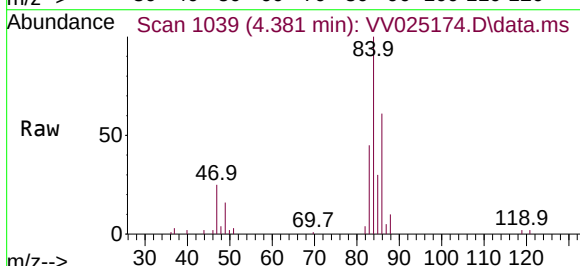
Acq: 25 Mar 2022 13:21

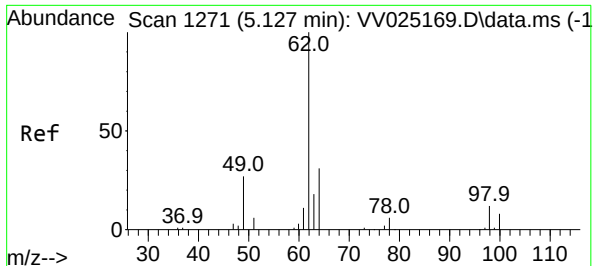
Tgt Ion: 83 Resp: 13511

Ion Ratio Lower Upper

83 100

85 65.8 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.053 min Scan# 1109

Delta R.T. -0.074 min

Lab File: VV025174.D

Acq: 25 Mar 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

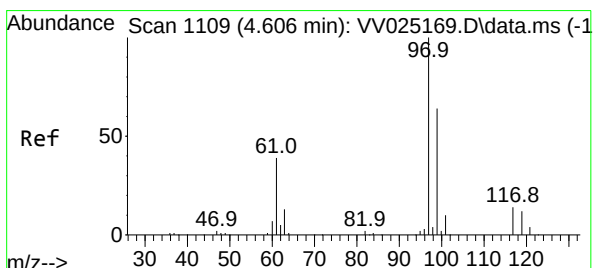
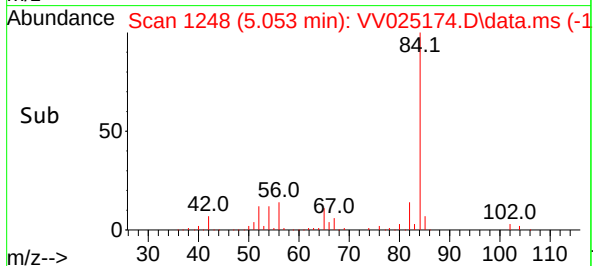
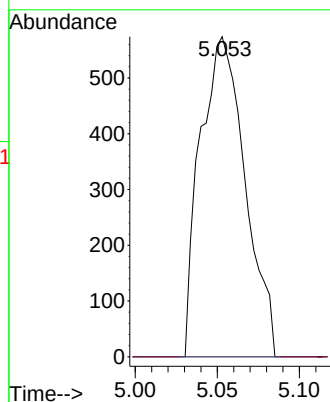
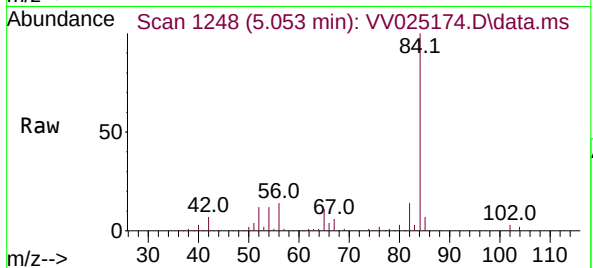
C0AF6

Tgt Ion: 62 Resp: 1092

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#29

1,1,1-Trichloroethane

Concen: 0.046 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025174.D

Acq: 25 Mar 2022 13:21

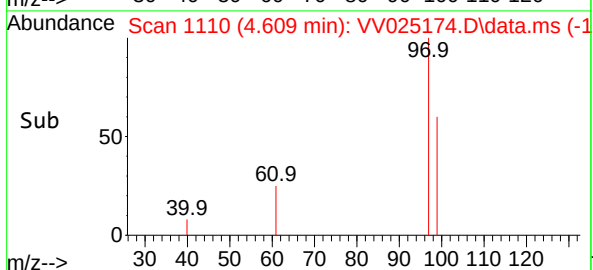
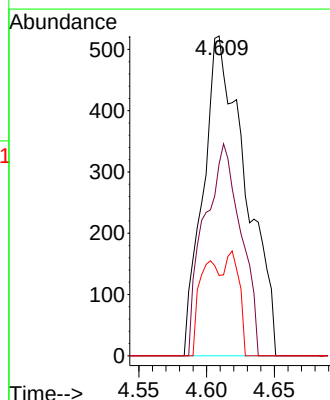
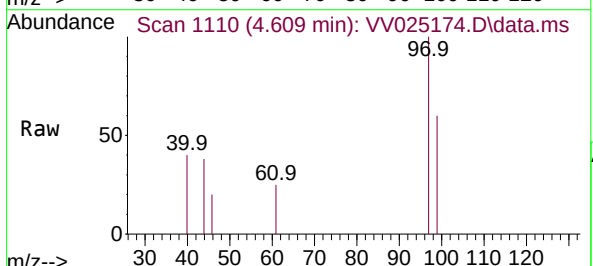
Tgt Ion: 97 Resp: 1135

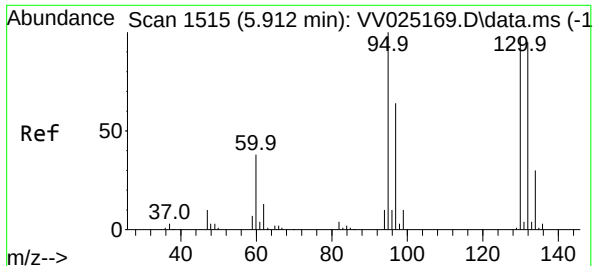
Ion Ratio Lower Upper

97 100

99 57.3 50.7 76.1

61 12.2 32.4 48.6#



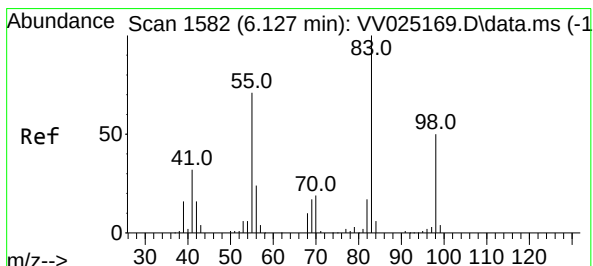
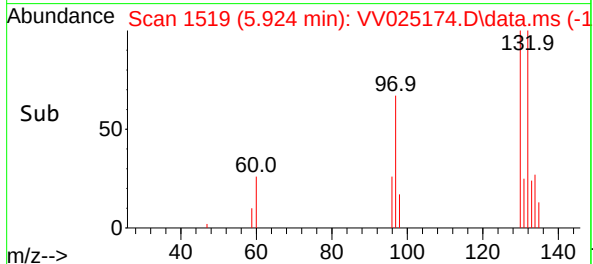
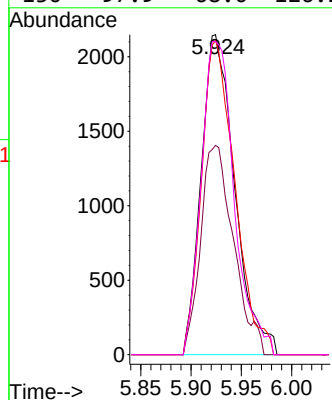
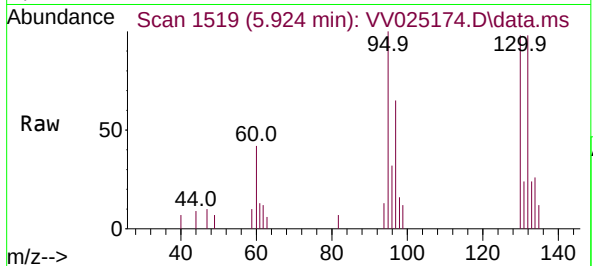


#34
Trichloroethene
Concen: 0.299 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025174.D
Acq: 25 Mar 2022 13:21

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

Tgt Ion: 95 Resp: 4978

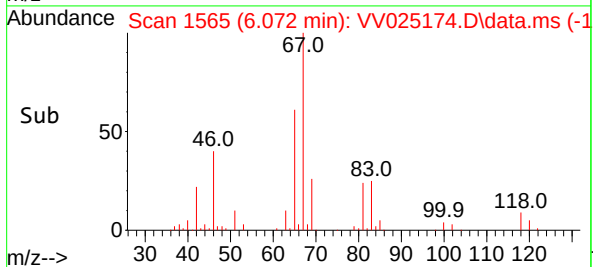
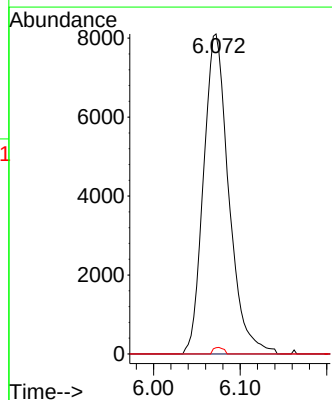
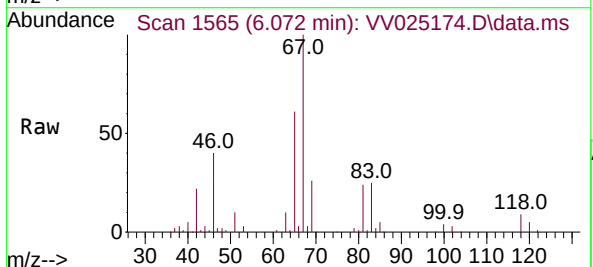
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.5	82.7
132	98.1	66.5	123.5
130	97.9	68.0	126.2

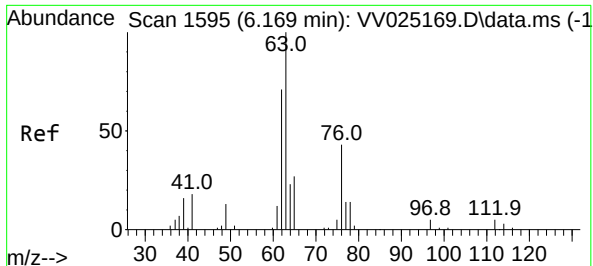


#35
Methylcyclohexane
Concen: 0.623 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025174.D
Acq: 25 Mar 2022 13:21

Tgt Ion: 83 Resp: 16437

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.0#
98	0.8	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV025174.D

Acq: 25 Mar 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

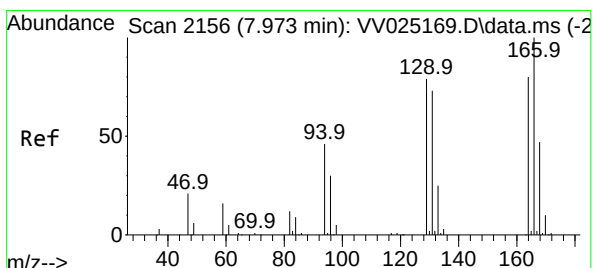
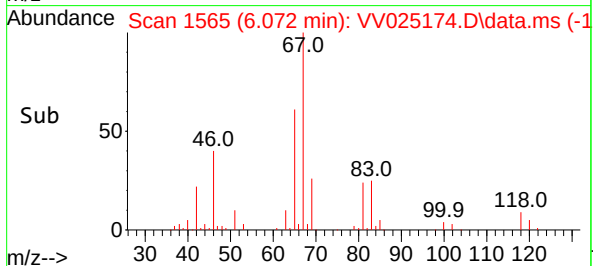
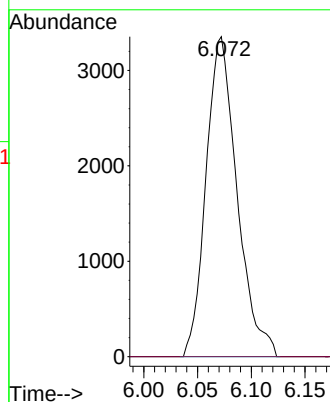
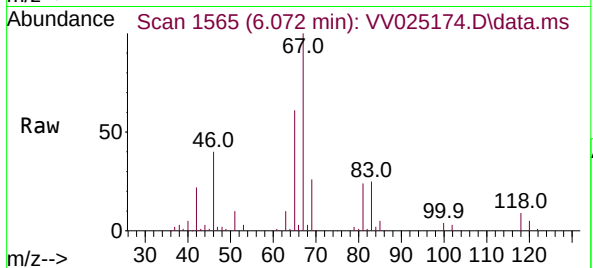
C0AF6

Tgt Ion: 63 Resp: 6730

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 1.548 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025174.D

Acq: 25 Mar 2022 13:21

Tgt Ion: 164 Resp: 18142

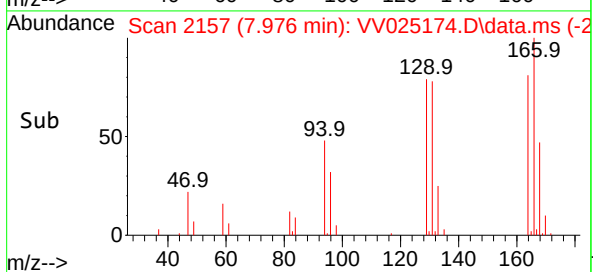
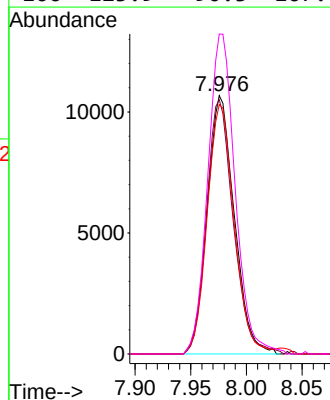
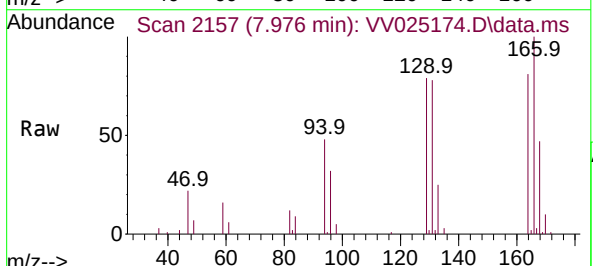
Ion Ratio Lower Upper

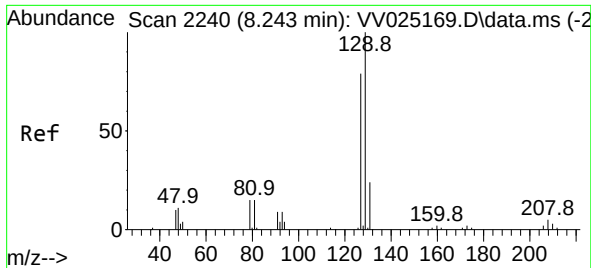
164 100

129 98.4 70.3 130.7

131 96.5 69.4 129.0

166 123.9 90.3 167.7

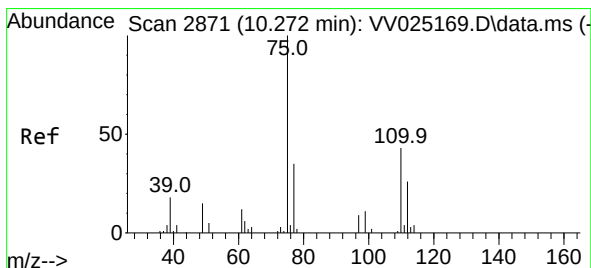
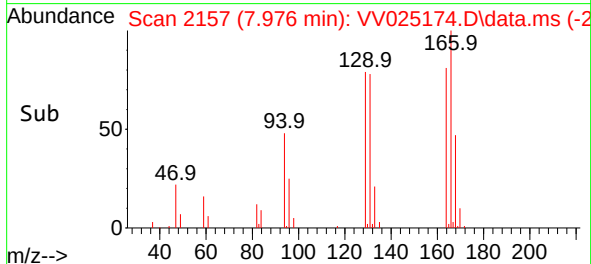
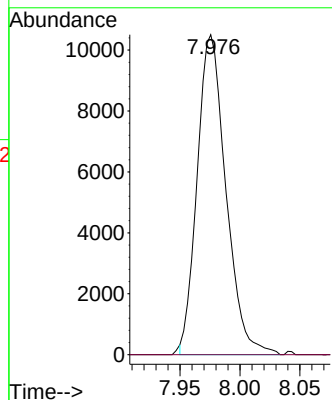
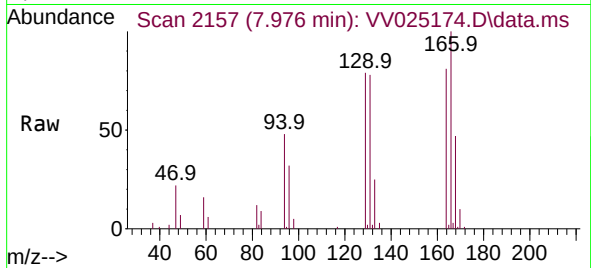




#49
Dibromochloromethane
Concen: 1.631 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025174.D
Acq: 25 Mar 2022 13:21

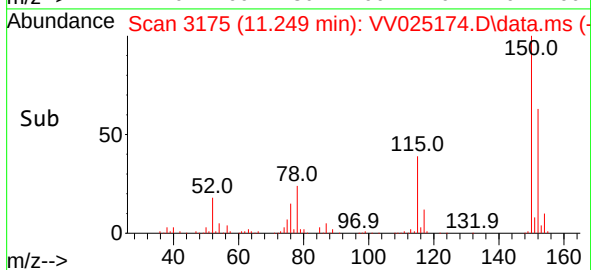
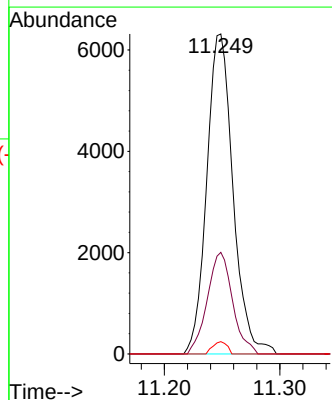
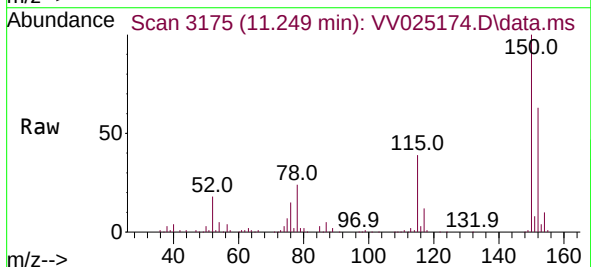
Instrument :
MSVOA_V
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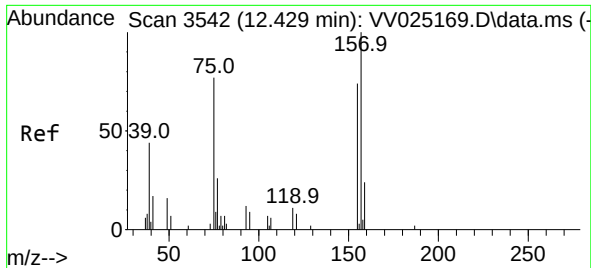
Tgt Ion:129 Resp: 17531
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#



#61
1,2,3-Trichloropropane
Concen: 1.423 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025174.D
Acq: 25 Mar 2022 13:21

Tgt Ion: 75 Resp: 9971
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5
110 2.1 31.2 46.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.168 ug/L

RT: 12.252 min Scan# 34

Delta R.T. -0.177 min

Lab File: VV025174.D

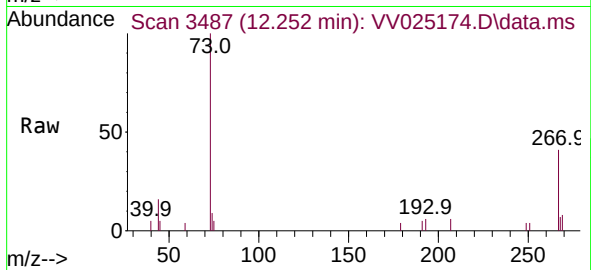
Acq: 25 Mar 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

C0AF6



Tgt Ion: 75 Resp: 202

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

