

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025454.D
 Acq On : 11 Apr 2022 16:46
 Operator : SY/MD
 Sample : N2319-13RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136081	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	137315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57965	4.582	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	56911	4.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.108	63	90408	3.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.896	46	77225	50.181	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	4.352	84	88871	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.034	65	41608	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.053	84	173378	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.069	67	50974	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	149411	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.625	79	14764	3.964	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.088	63	55968	42.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31416	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50881	4.771	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	1213	0.099	ug/L #	87
3) Chloromethane	1.243	50	1143	0.086	ug/L	97
9) Trichlorofluoromethane	1.754	101	1697	0.080	ug/L	97
12) 1,1-Dichloroethene	2.117	96	1133	0.096	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	1143	0.063	ug/L #	93
22) cis-1,2-Dichloroethene	3.924	96	864	0.083	ug/L	98
25) Chloroform	4.381	83	24434	1.382	ug/L	95
31) Carbon tetrachloride	4.831	117	14871	1.086	ug/L	95
34) Trichloroethene	5.915	95	87086	8.086	ug/L	99
35) Methylcyclohexane	6.069	83	12550	0.730	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5739	0.612	ug/L #	87
38) Bromodichloromethane	6.519	83	1653	0.142	ug/L #	81
47) Tetrachloroethene	7.976	164	24826	2.944	ug/L	97
49) Dibromochloromethane	7.976	129	22592	3.275	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7940	1.895	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.249	75	95	0.131	ug/L #	2

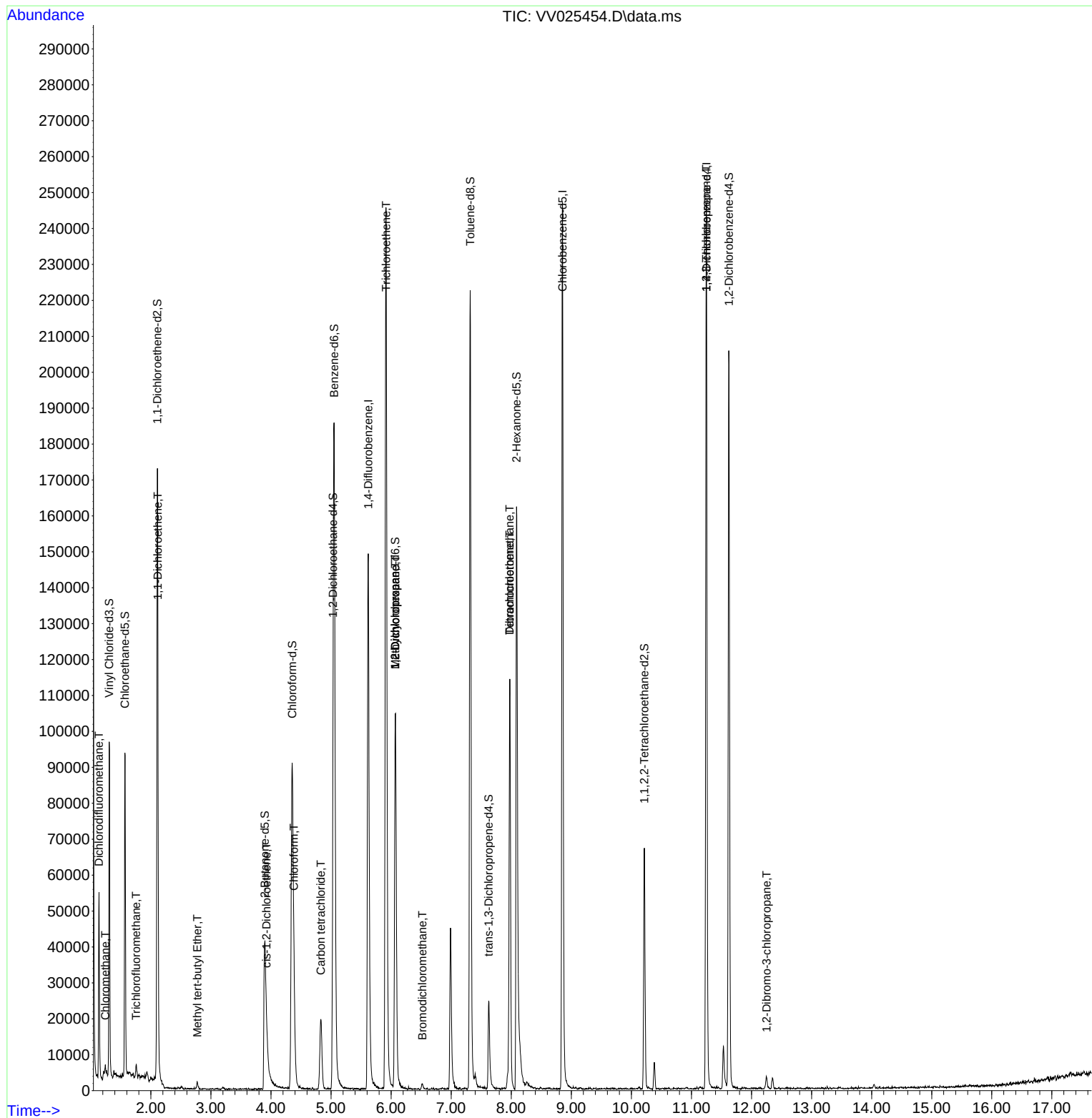
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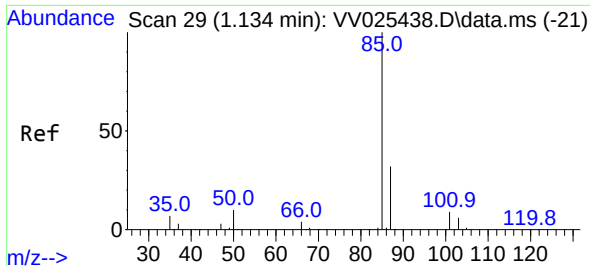
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041122\
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Quant Title : TRACE VOA SFAM1.0
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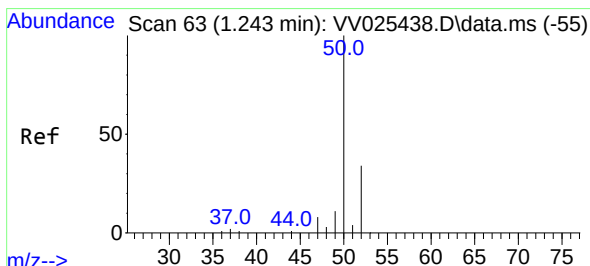
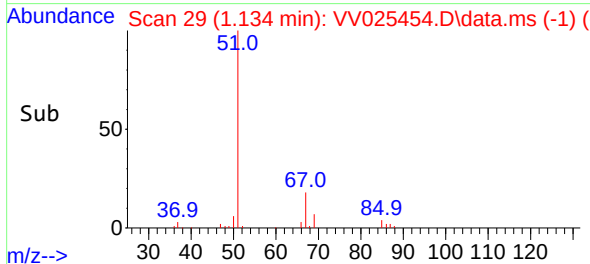
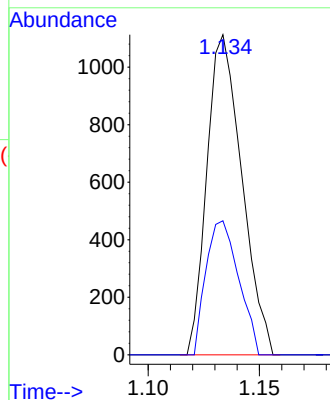
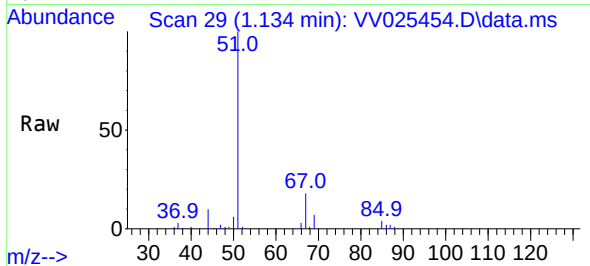




#2
Dichlorodifluoromethane
Concen: 0.099 ug/L
RT: 1.134 min Scan# 29
Delta R.T. 0.000 min
Lab File: VV025454.D
Acq: 11 Apr 2022 16:46

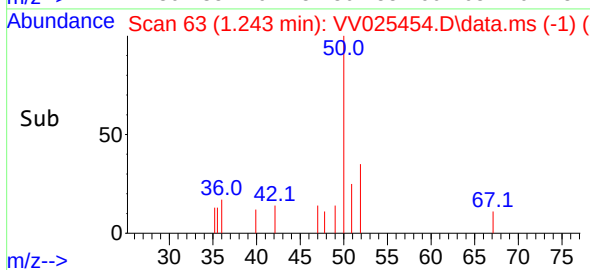
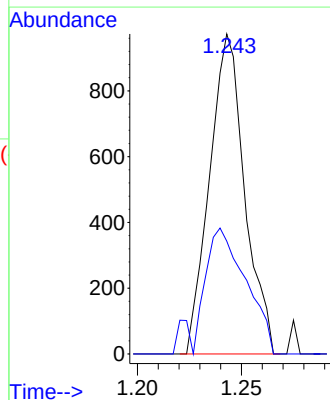
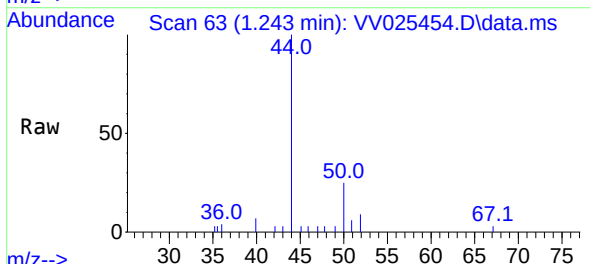
Instrument :
MSVOA_V
ClientSampleId :

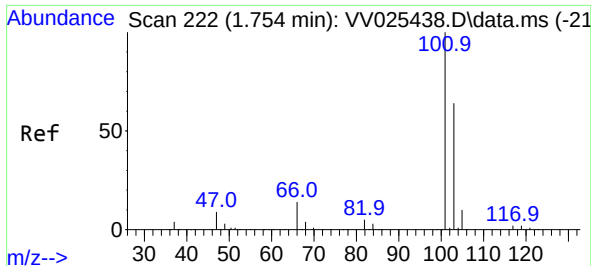
Tgt Ion: 85 Resp: 1213
Ion Ratio Lower Upper
85 100
87 39.1 25.6 38.4#



#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV025454.D
Acq: 11 Apr 2022 16:46

Tgt Ion: 50 Resp: 1143
Ion Ratio Lower Upper
50 100
52 35.3 23.7 43.9

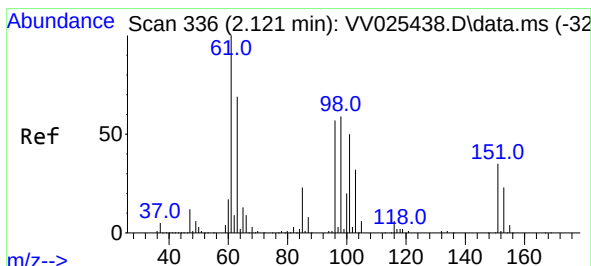
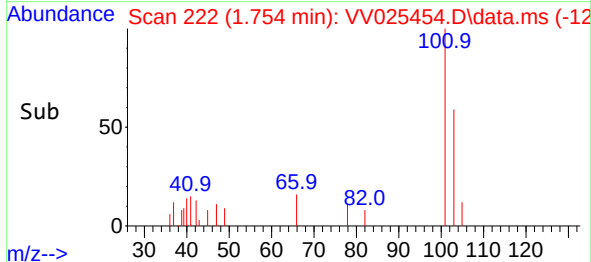
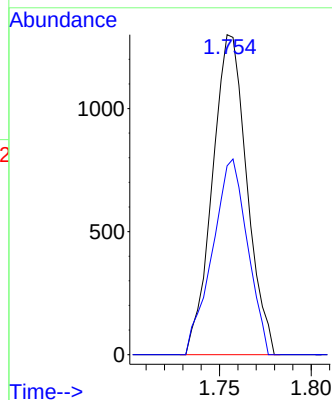
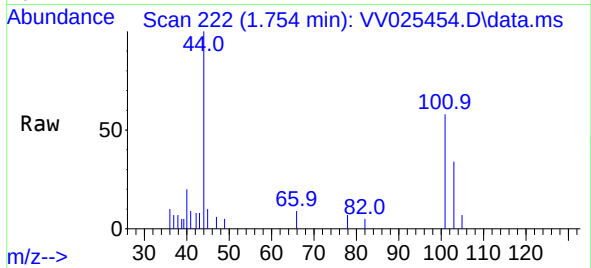




#9
 Trichlorofluoromethane
 Concen: 0.080 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025454.D
 Acq: 11 Apr 2022 16:46

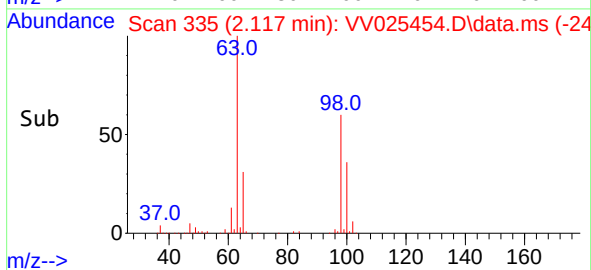
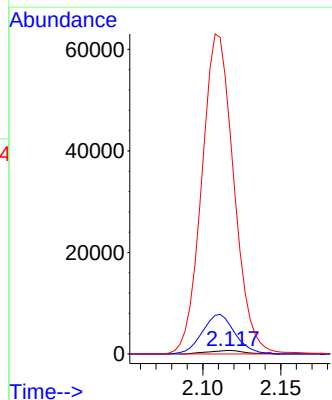
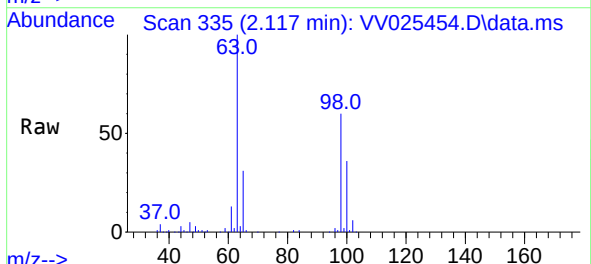
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 ClientSampleId :

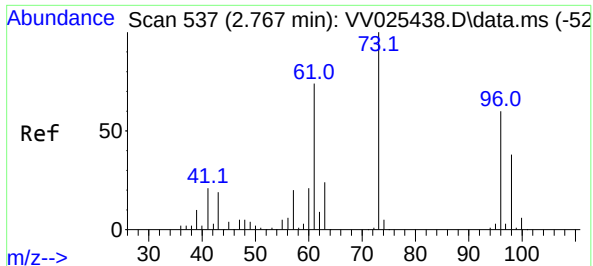
Tgt Ion:101 Resp: 1697
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.9 77.9



#12
 1,1-Dichloroethene
 Concen: 0.096 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025454.D
 Acq: 11 Apr 2022 16:46

Tgt Ion: 96 Resp: 1133
 Ion Ratio Lower Upper
 96 100
 61 816.4 125.2 232.4#
 63 6331.5 114.4 212.4#





#17

Methyl tert-butyl Ether

Concen: 0.063 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV025454.D

Acq: 11 Apr 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

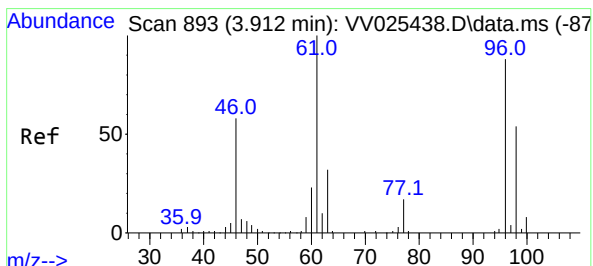
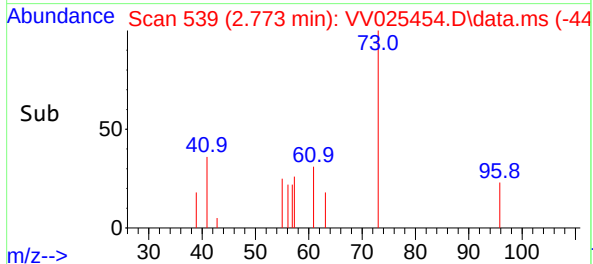
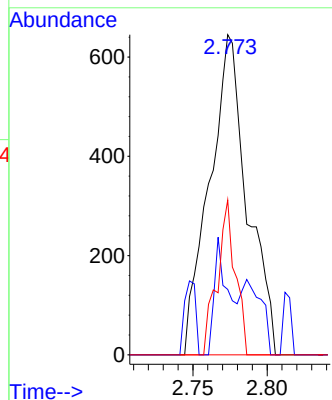
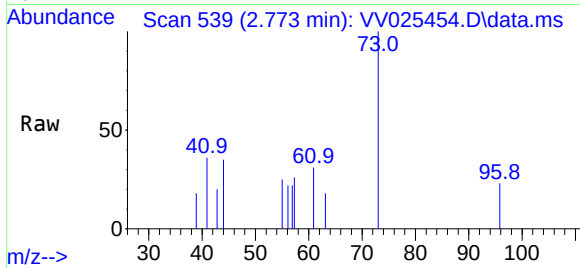
Tgt Ion: 73 Resp: 1143

Ion Ratio Lower Upper

73 100

43 14.0 14.2 21.4#

57 23.0 16.1 24.1



#22

cis-1,2-Dichloroethene

Concen: 0.083 ug/L

RT: 3.924 min Scan# 897

Delta R.T. 0.013 min

Lab File: VV025454.D

Acq: 11 Apr 2022 16:46

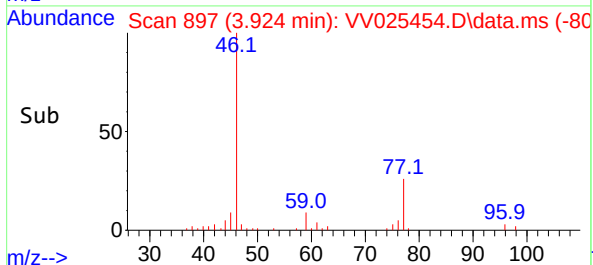
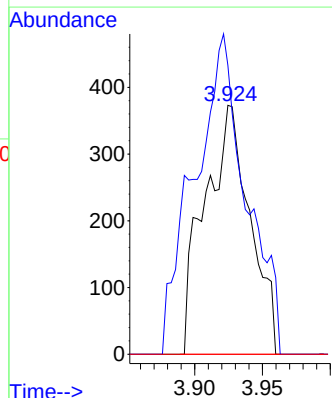
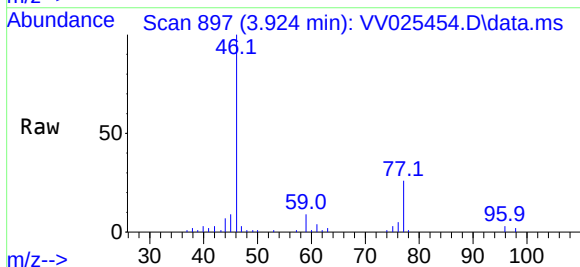
Tgt Ion: 96 Resp: 864

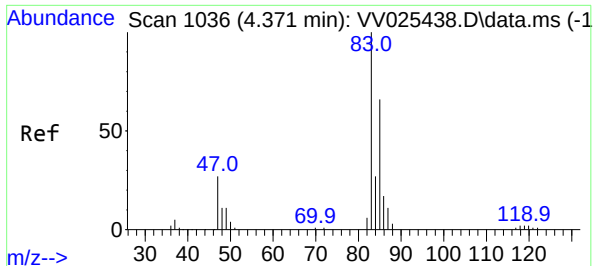
Ion Ratio Lower Upper

96 100

61 116.1 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.382 ug/L

RT: 4.381 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV025454.D

Acq: 11 Apr 2022 16:46

Instrument :

MSVOA_V

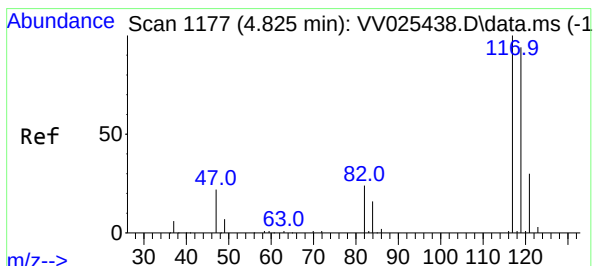
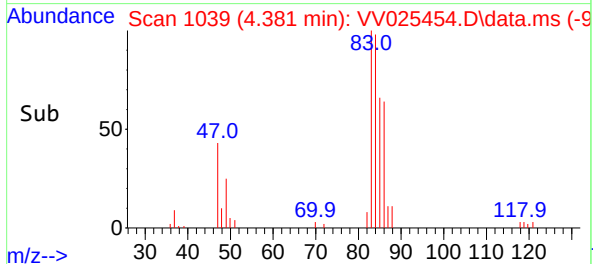
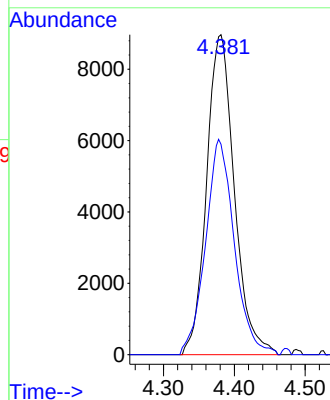
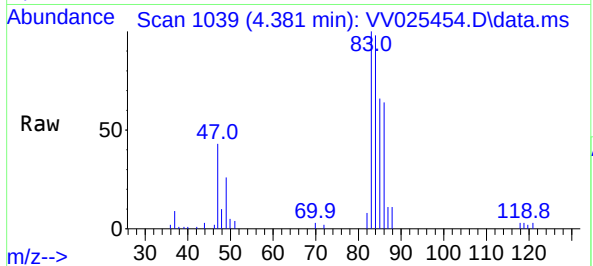
ClientSampleId :

Tgt Ion: 83 Resp: 24434

Ion Ratio Lower Upper

83 100

85 65.8 43.5 80.7



#31

Carbon tetrachloride

Concen: 1.086 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VV025454.D

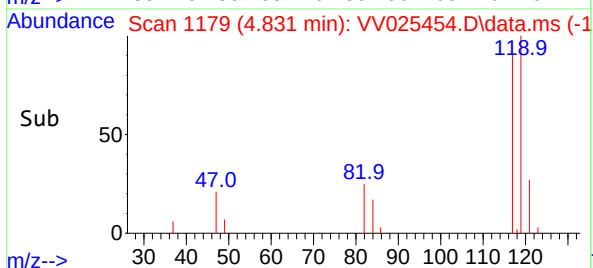
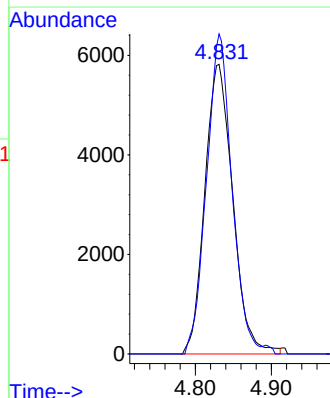
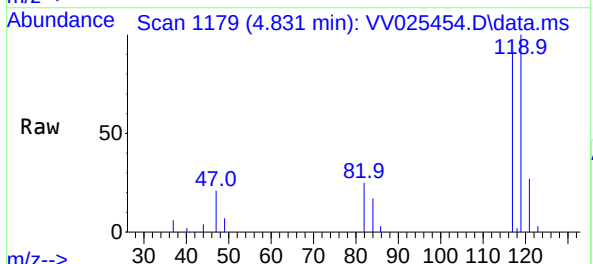
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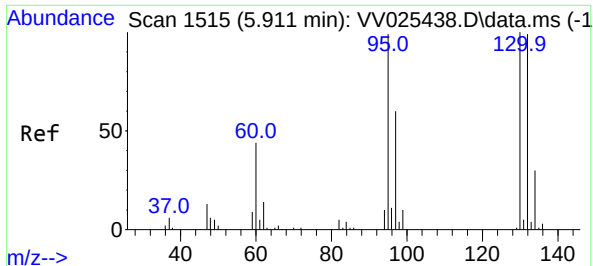
Tgt Ion: 117 Resp: 14871

Ion Ratio Lower Upper

117 100

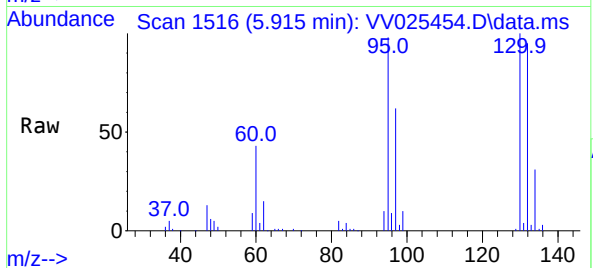
119 100.4 76.6 114.8



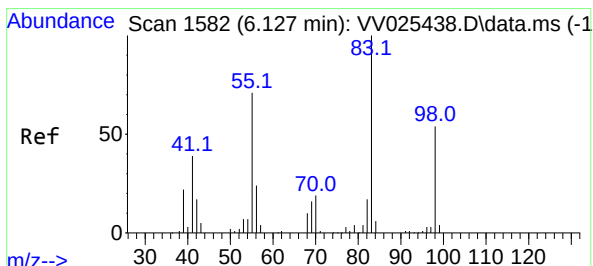
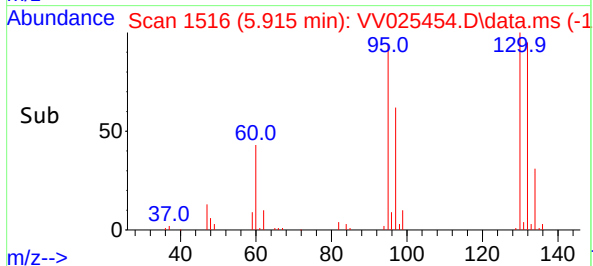
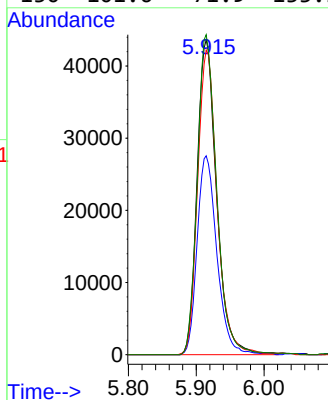


#34
Trichloroethene
Concen: 8.086 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025454.D
Acq: 11 Apr 2022 16:46

Instrument :
MSVOA_V
ClientSampleId :

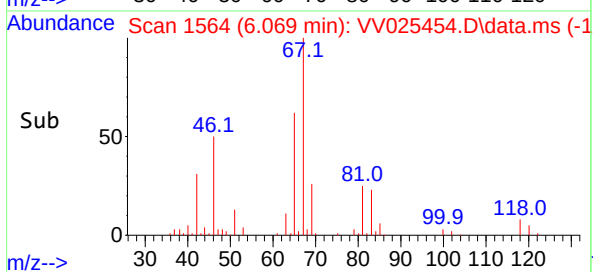
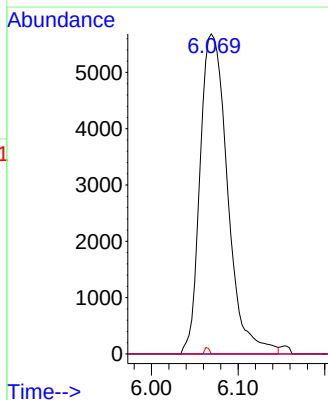
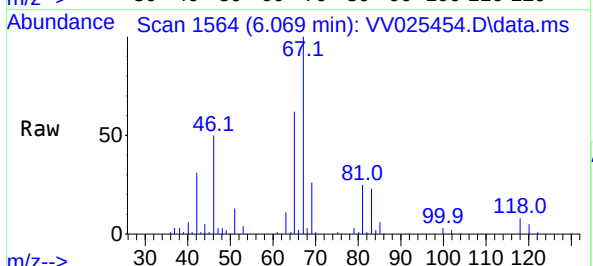


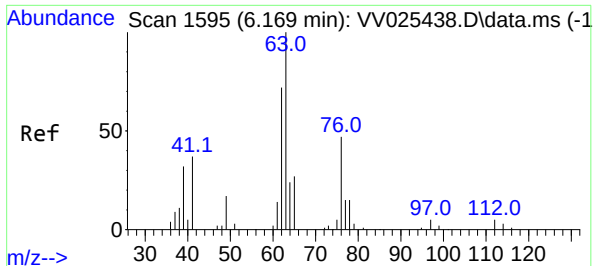
Tgt Ion: 95 Resp: 87086
Ion Ratio Lower Upper
95 100
97 63.2 45.8 85.2
132 96.7 68.0 126.4
130 101.6 71.9 133.5



#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025454.D
Acq: 11 Apr 2022 16:46

Tgt Ion: 83 Resp: 12550
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 1.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025454.D

Acq: 11 Apr 2022 16:46

Instrument :

MSVOA_V

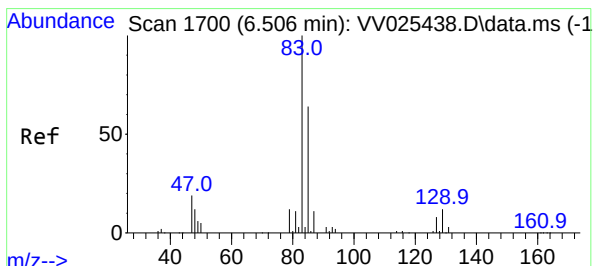
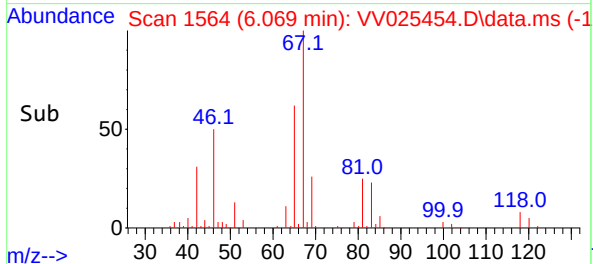
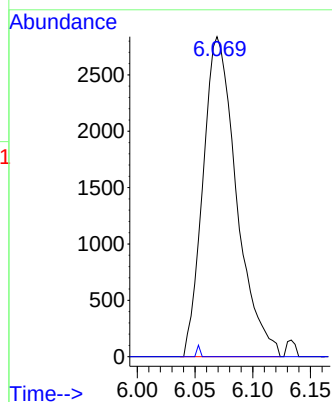
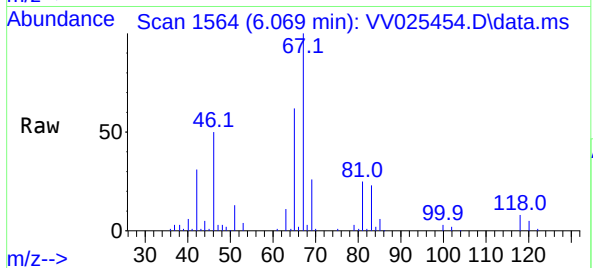
ClientSampleId :

Tgt Ion: 63 Resp: 5739

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#38

Bromodichloromethane

Concen: 0.142 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.013 min

Lab File: VV025454.D

Acq: 11 Apr 2022 16:46

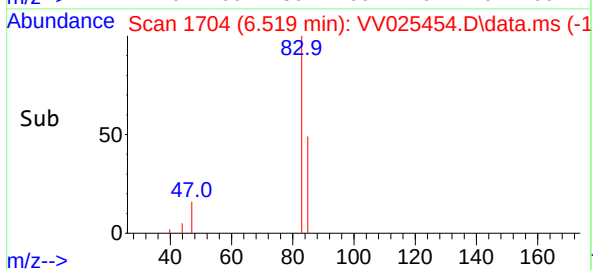
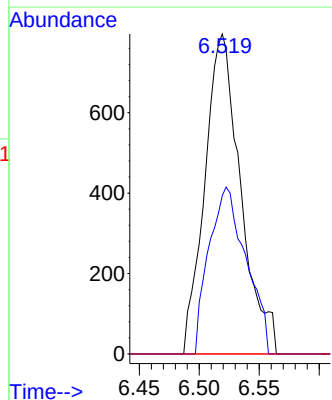
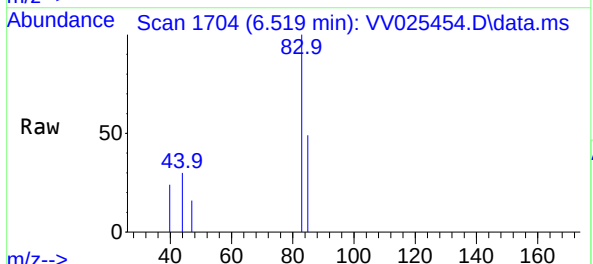
Tgt Ion: 83 Resp: 1653

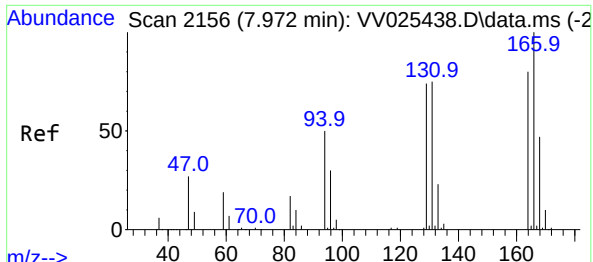
Ion Ratio Lower Upper

83 100

85 49.5 44.4 82.4

127 0.0 7.2 10.8#





#47

Tetrachloroethene

Concen: 2.944 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025454.D

Acq: 11 Apr 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 24826

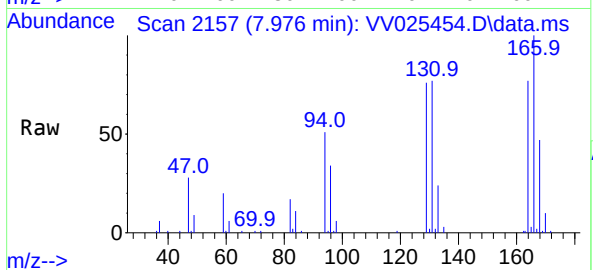
Ion Ratio Lower Upper

164 100

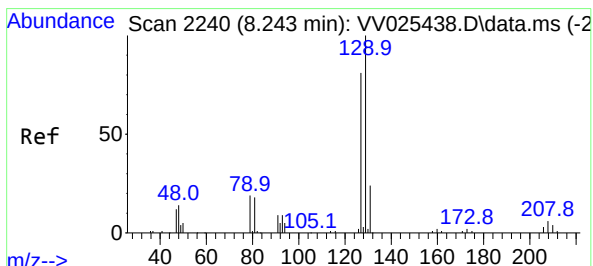
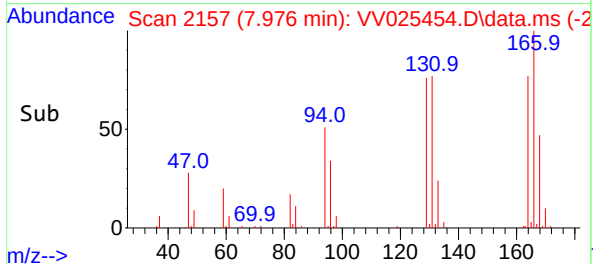
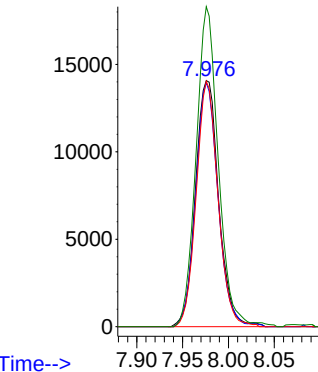
129 99.1 66.8 124.2

131 99.7 66.4 123.4

166 130.0 91.7 170.3



Abundance



#49

Dibromochloromethane

Concen: 3.275 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025454.D

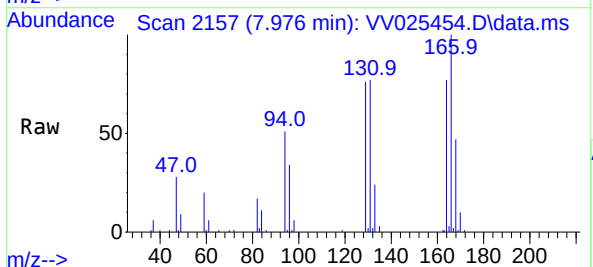
Acq: 11 Apr 2022 16:46

Tgt Ion:129 Resp: 22592

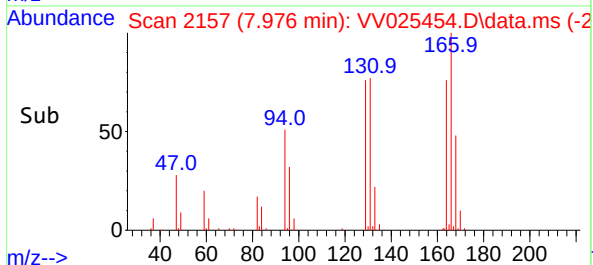
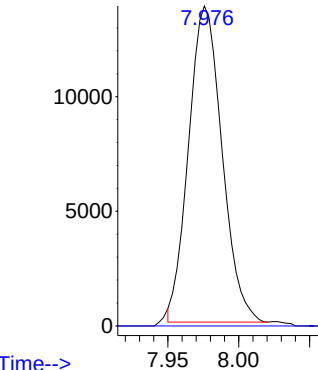
Ion Ratio Lower Upper

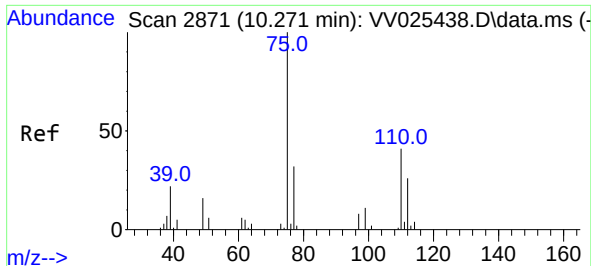
129 100

127 0.0 53.8 100.0#



Abundance

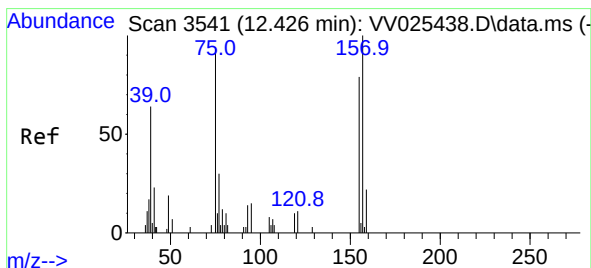
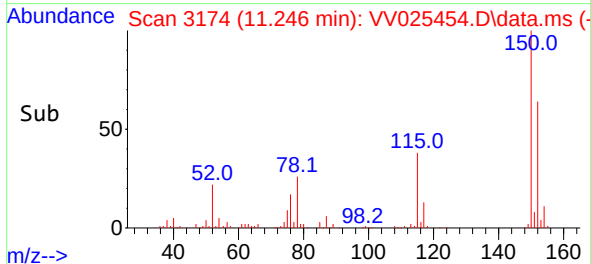
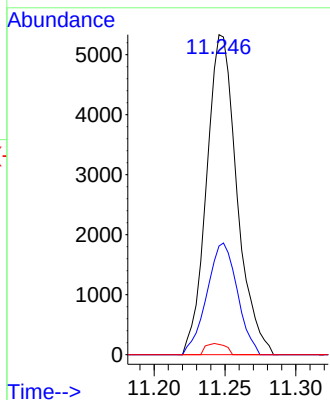
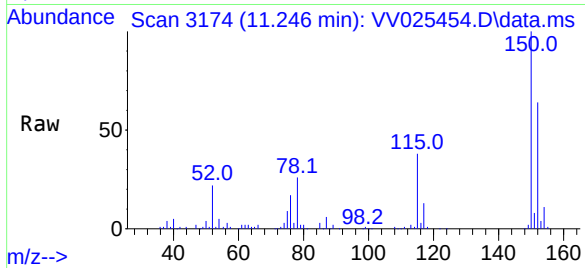




#61
1,2,3-Trichloropropane
Concen: 1.895 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025454.D
Acq: 11 Apr 2022 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7940
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4
110 2.3 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.131 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.177 min
Lab File: VV025454.D
Acq: 11 Apr 2022 16:46

Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

