

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025134.D
 Acq On : 23 Mar 2022 15:56
 Operator : SY/MD
 Sample : N2083-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122636	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39816	4.112	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.200%	
7) Chloroethane-d5	1.568	69	35284	4.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.111	63	58153	3.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.895	46	82491	70.499	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.000%#	
24) Chloroform-d	4.349	84	81890	5.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.034	65	36978	5.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	5.050	84	162479	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.069	67	50658	5.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.316	98	136762	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15244	4.501	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.088	63	65212	56.454	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32646	5.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	47328	5.353	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.307	64	571	0.087	ug/L #	1
12) 1,1-Dichloroethene	2.121	96	12296	1.574	ug/L #	38
18) trans-1,2-Dichloroethene	2.770	96	698	0.074	ug/L	89
19) 1,1-Dichloroethane	3.194	63	32339	2.021	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	12835	1.352	ug/L	95
25) Chloroform	4.384	83	2555	0.153	ug/L	99
27) 1,2-Dichloroethane	5.050	62	867	0.105	ug/L #	71
29) 1,1,1-Trichloroethane	4.609	97	107879	7.264	ug/L	98
31) Carbon tetrachloride	4.828	117	10393	0.816	ug/L	98
34) Trichloroethene	5.918	95	10183	1.010	ug/L	97
35) Methylcyclohexane	6.072	83	12090	0.757	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	5038	0.579	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	957	0.079	ug/L #	72
47) Tetrachloroethene	7.976	164	11361	1.601	ug/L	97
49) Dibromochloromethane	7.976	129	11324	1.740	ug/L #	10
53) m,p-xylene	9.146	106	831	0.051	ug/L	78
61) 1,2,3-Trichloropropane	11.246	75	6732	1.533	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.246	75	176	0.234	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

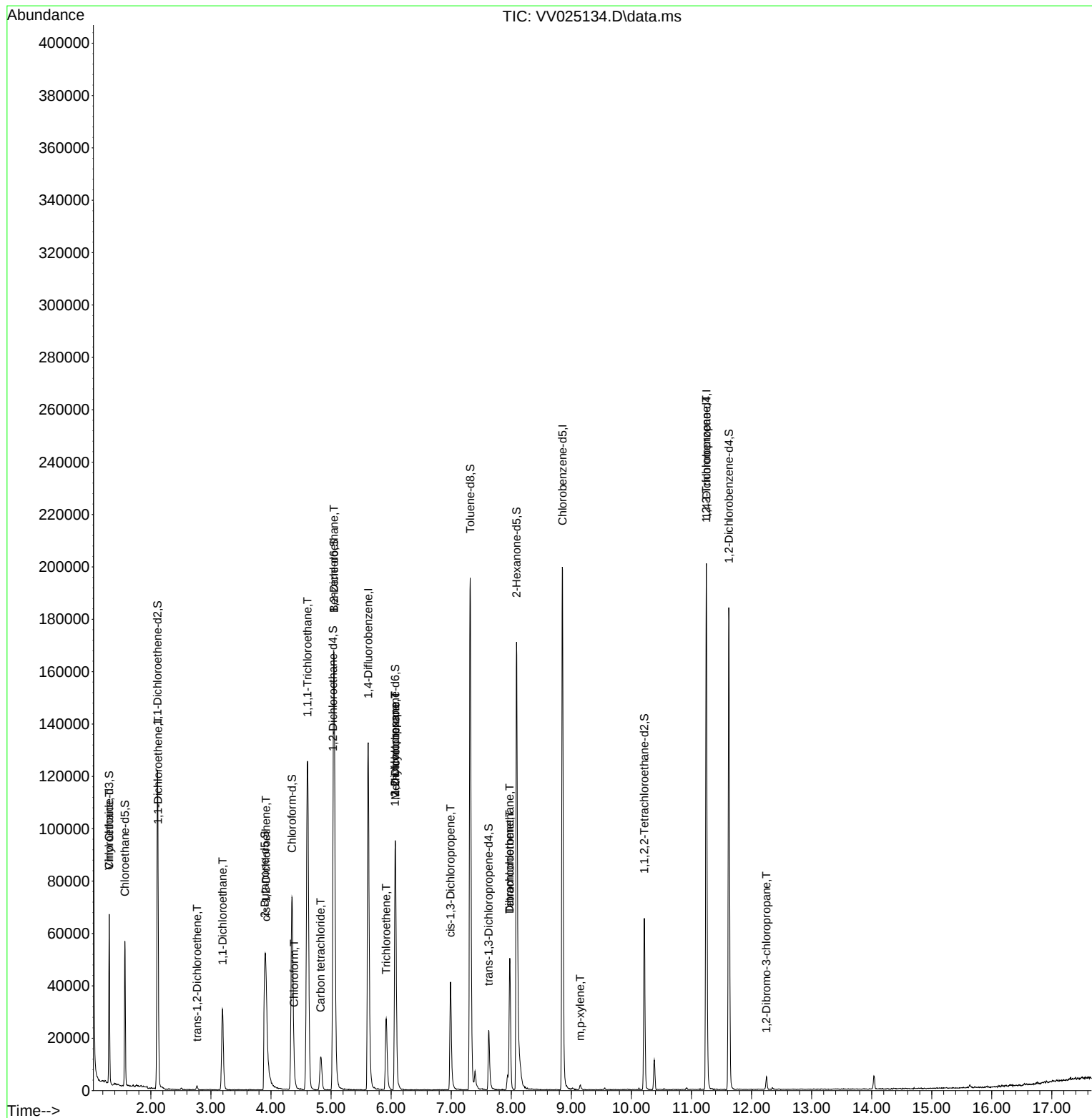
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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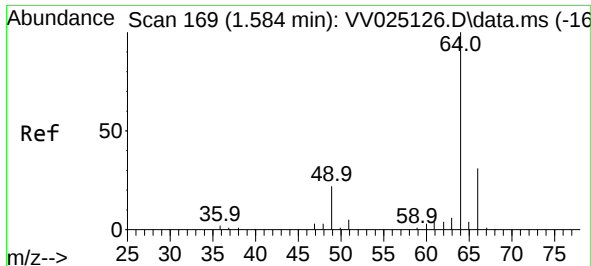
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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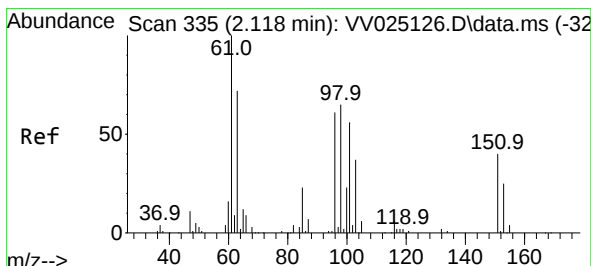
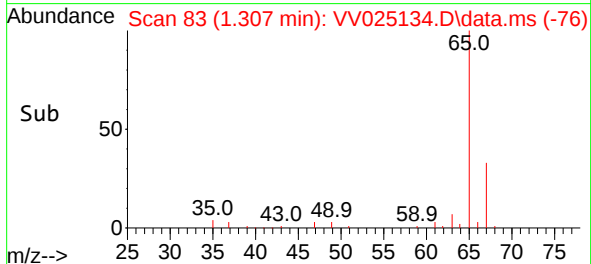
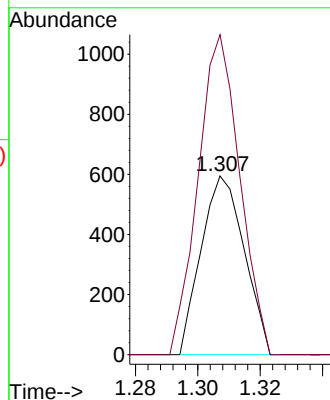
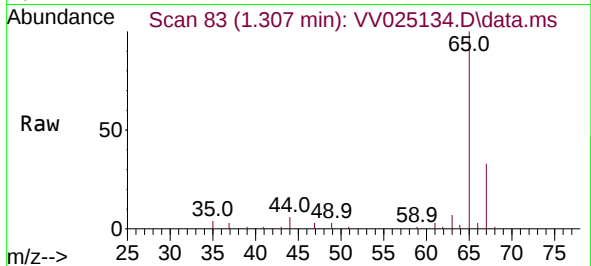




#8
Chloroethane
Concen: 0.087 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

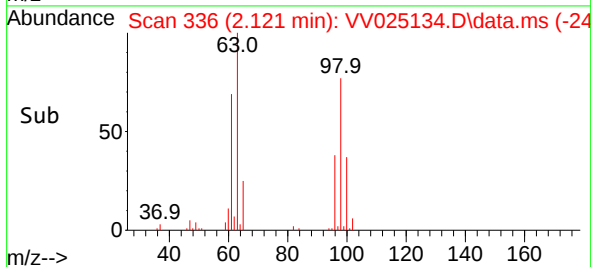
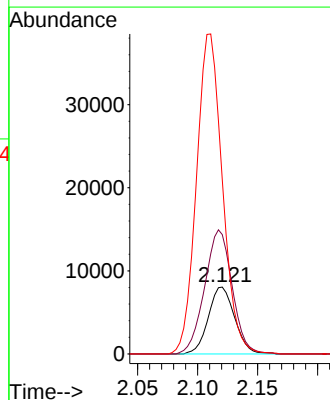
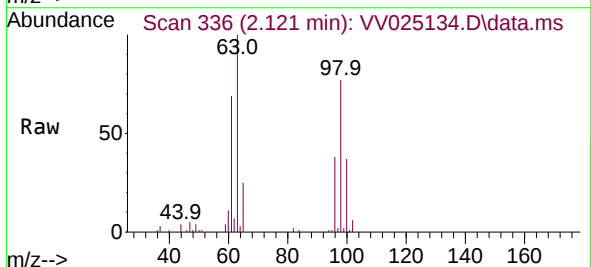
Instrument :
MSVOA_V
ClientSampleId :

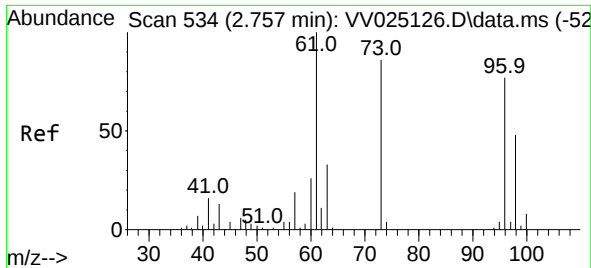
Tgt Ion: 64 Resp: 571
Ion Ratio Lower Upper
64 100
66 179.0 22.5 41.7#



#12
1,1-Dichloroethene
Concen: 1.574 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

Tgt Ion: 96 Resp: 12296
Ion Ratio Lower Upper
96 100
61 178.4 113.0 209.9
63 260.3 82.1 152.5#

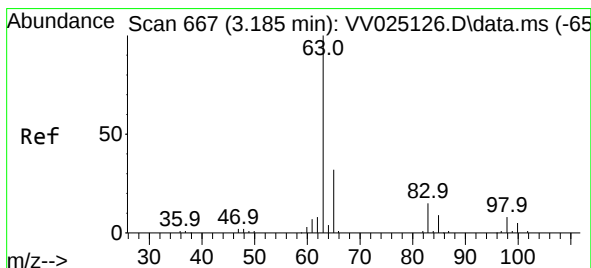
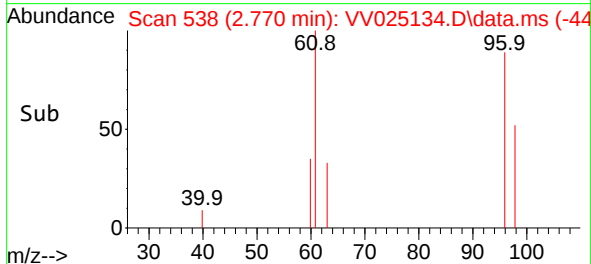
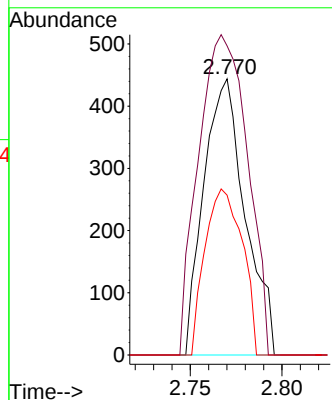
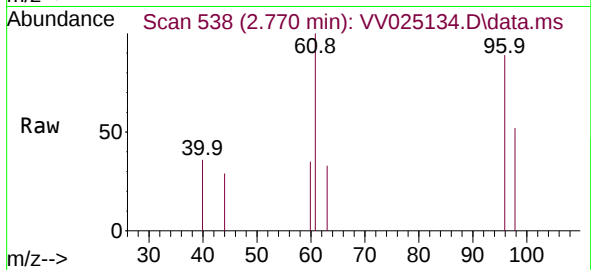




#18
trans-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

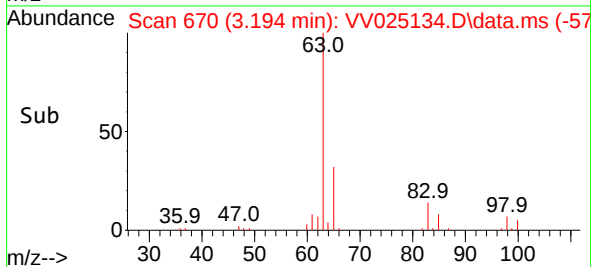
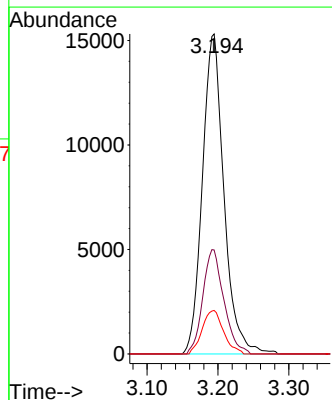
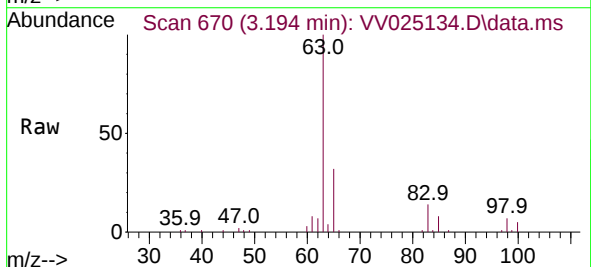
Instrument :
MSVOA_V
ClientSampleId :

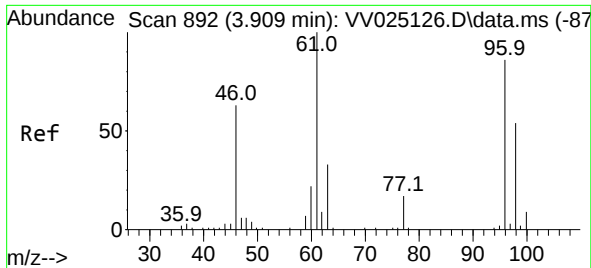
Tgt Ion: 96 Resp: 698
Ion Ratio Lower Upper
96 100
61 111.9 89.2 165.6
98 57.9 43.9 81.5



#19
1,1-Dichloroethane
Concen: 2.021 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.009 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

Tgt Ion: 63 Resp: 32339
Ion Ratio Lower Upper
63 100
65 32.5 22.2 41.2
83 13.6 9.4 17.4

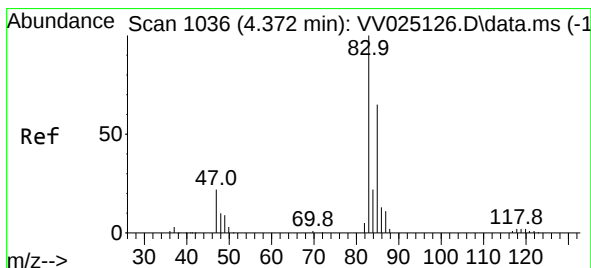
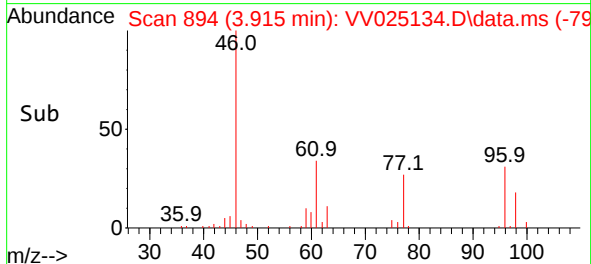
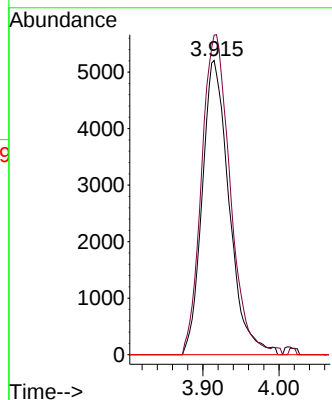
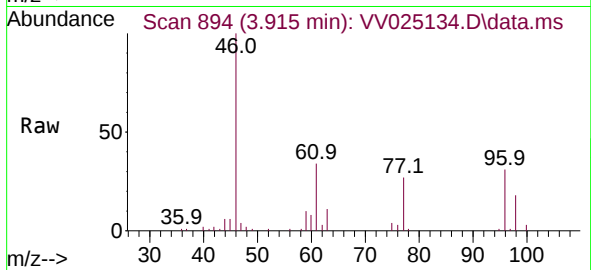




#22
 cis-1,2-Dichloroethene
 Concen: 1.352 ug/L
 RT: 3.915 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV025134.D
 Acq: 23 Mar 2022 15:56

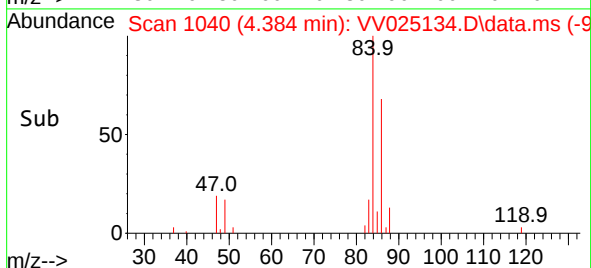
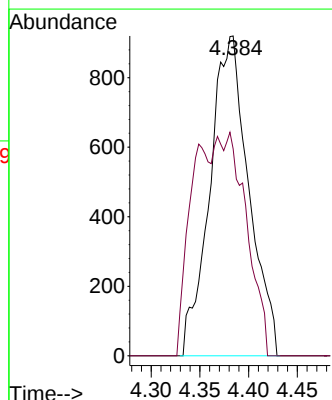
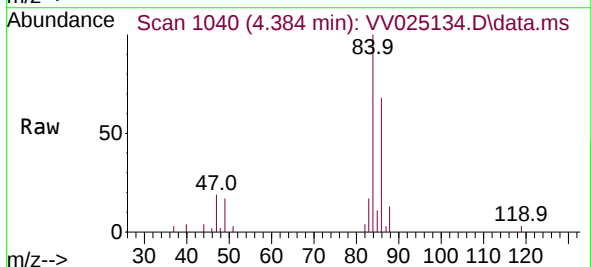
Instrument :
 MSVOA_V
 ClientSampleId :

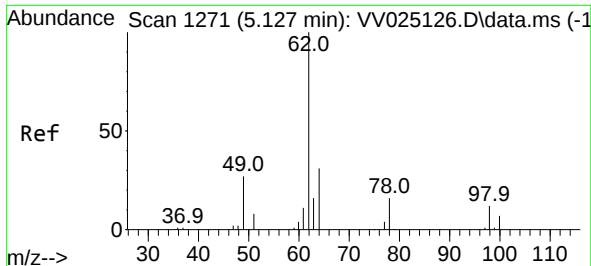
Tgt Ion: 96 Resp: 12835
 Ion Ratio Lower Upper
 96 100
 61 108.6 79.7 147.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.153 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.013 min
 Lab File: VV025134.D
 Acq: 23 Mar 2022 15:56

Tgt Ion: 83 Resp: 2555
 Ion Ratio Lower Upper
 83 100
 85 64.7 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.105 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Instrument :

MSVOA_V

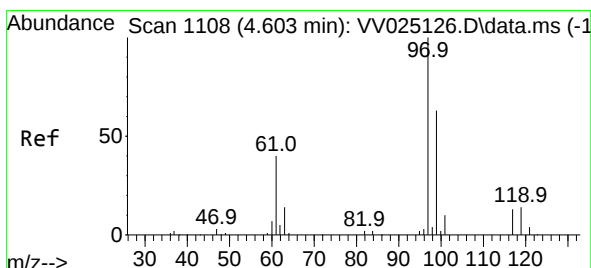
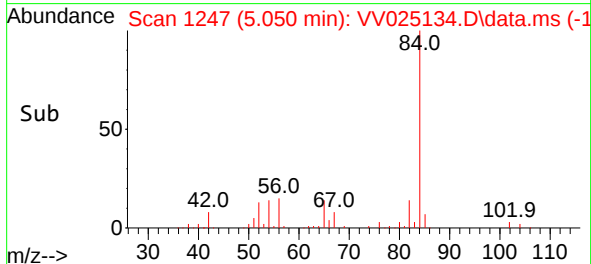
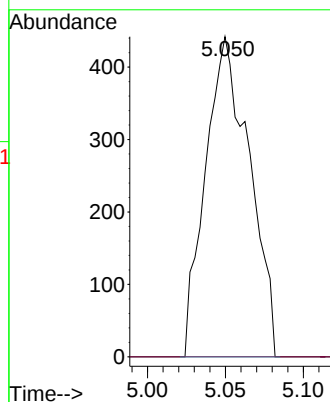
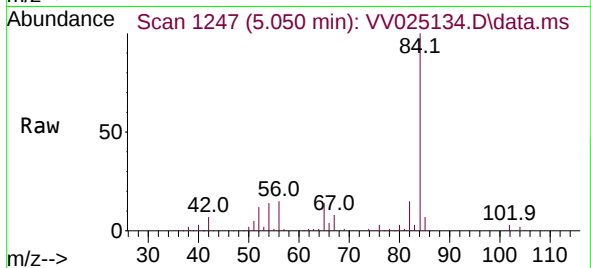
ClientSampleId :

Tgt Ion: 62 Resp: 867

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#29

1,1,1-Trichloroethane

Concen: 7.264 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

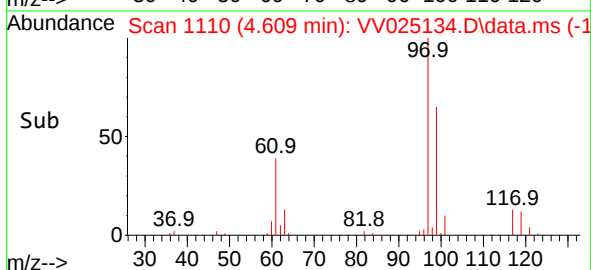
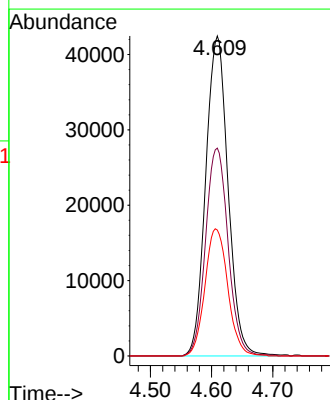
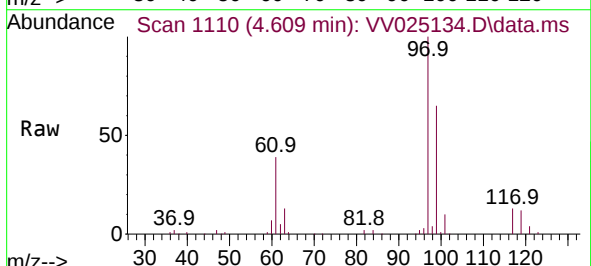
Tgt Ion: 97 Resp: 107879

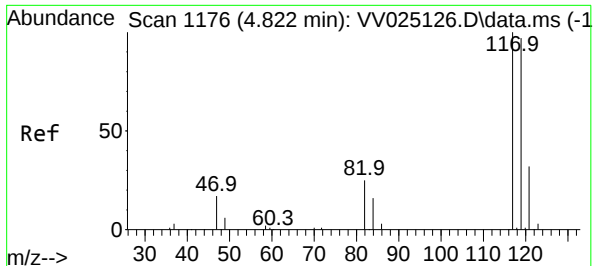
Ion Ratio Lower Upper

97 100

99 65.7 50.7 76.1

61 40.7 32.4 48.6

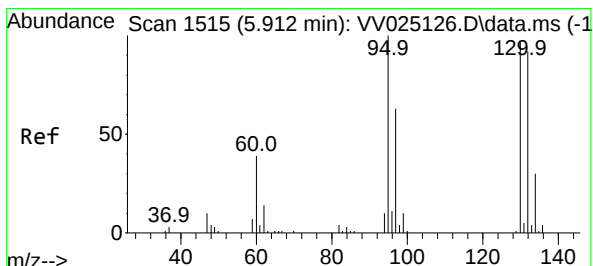
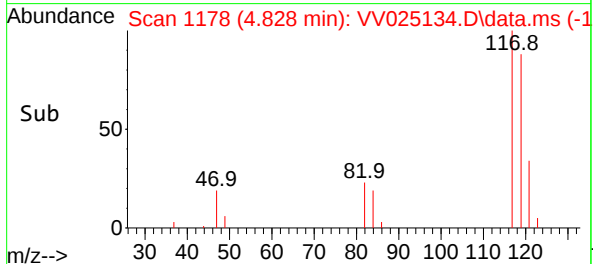
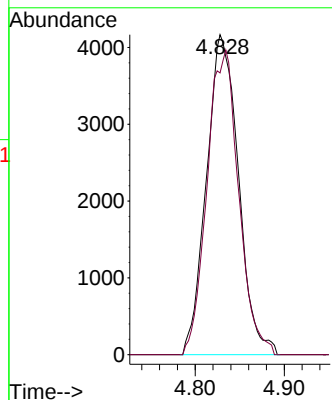
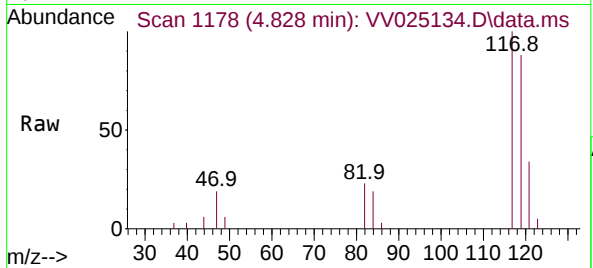




#31
Carbon tetrachloride
Concen: 0.816 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

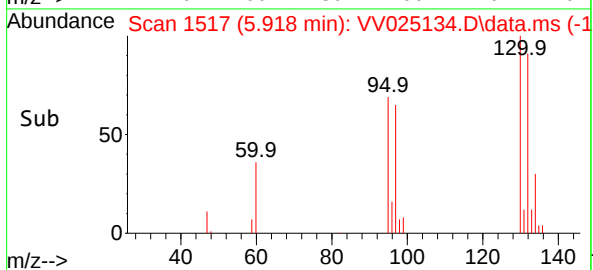
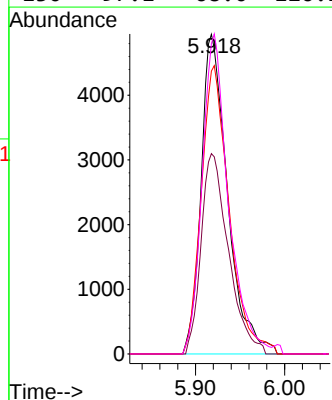
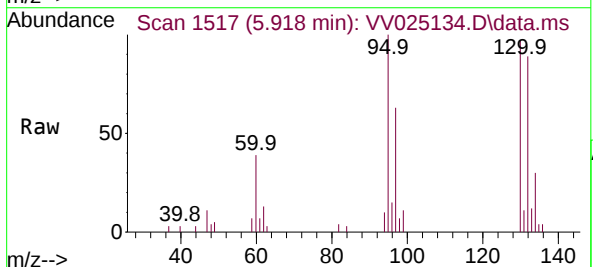
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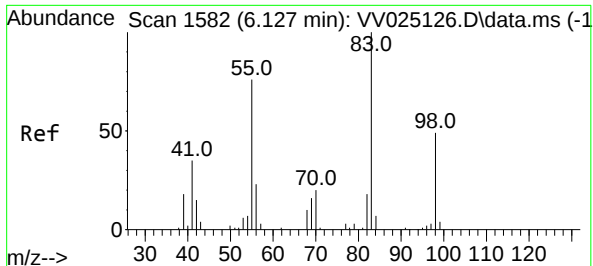
Tgt Ion:117 Resp: 10393
Ion Ratio Lower Upper
117 100
119 94.1 76.8 115.2



#34
Trichloroethene
Concen: 1.010 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025134.D
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Tgt Ion: 95 Resp: 10183
Ion Ratio Lower Upper
95 100
97 62.7 44.5 82.7
132 88.5 66.5 123.5
130 97.1 68.0 126.2





#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025134.D

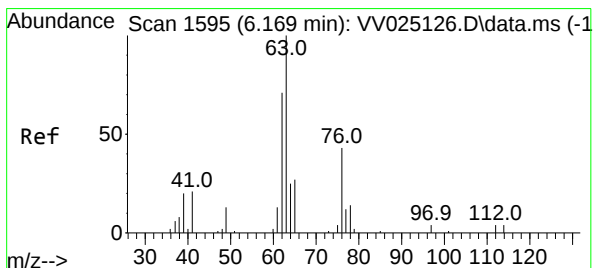
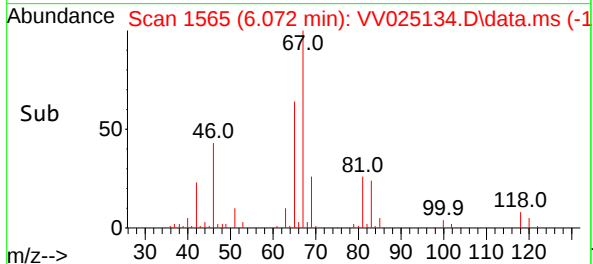
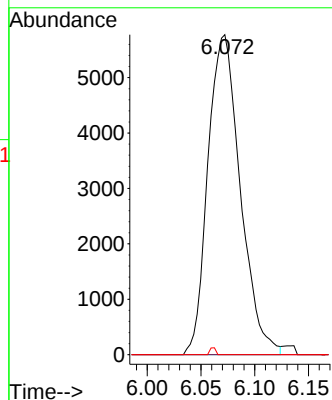
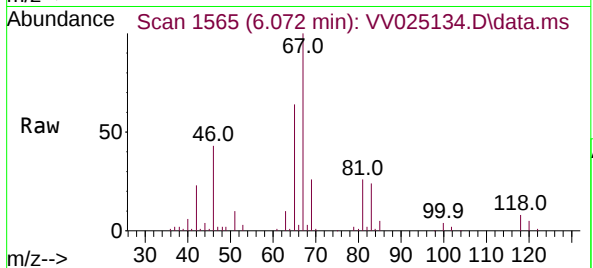
Acq: 23 Mar 2022 15:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	12090
Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.0#
98	0.4	38.4	57.6#



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

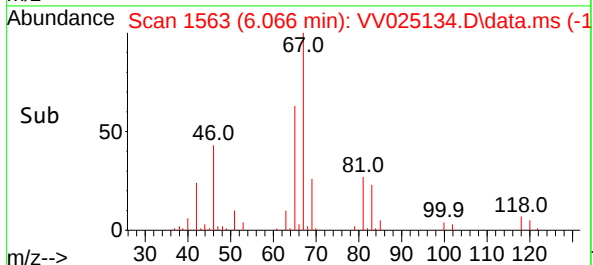
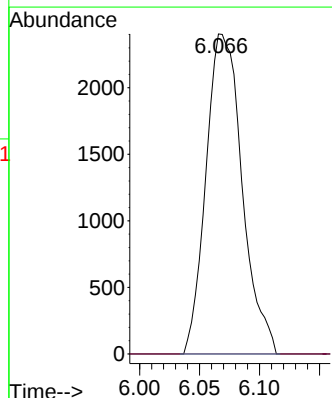
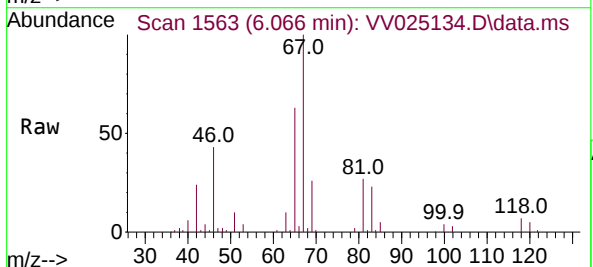
RT: 6.066 min Scan# 1563

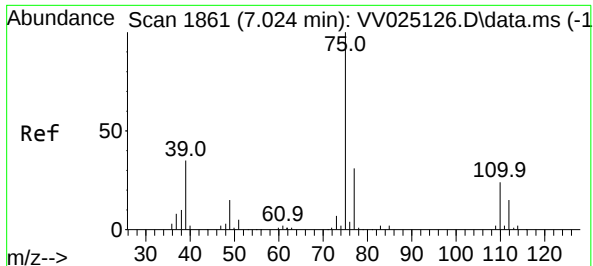
Delta R.T. -0.103 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Tgt Ion:	63	Resp:	5038
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Instrument :

MSVOA_V

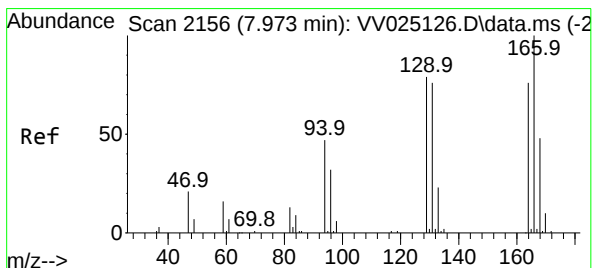
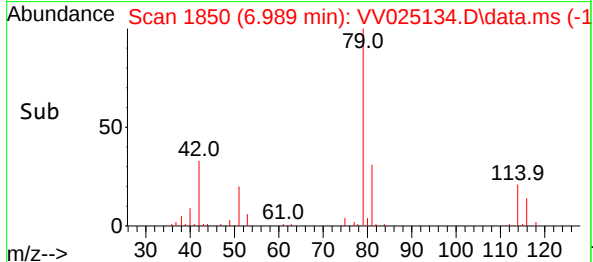
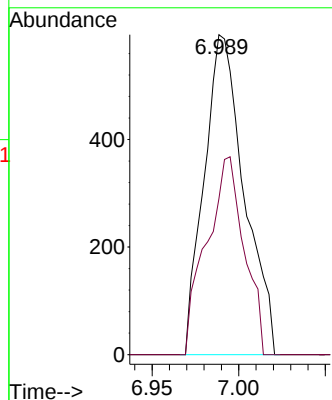
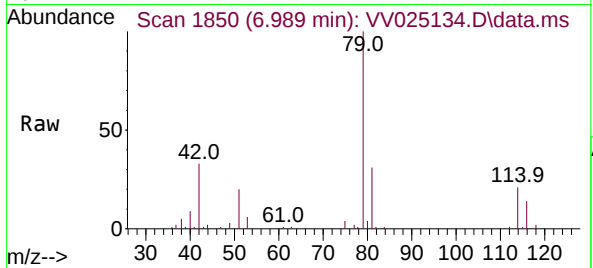
ClientSampleId :

Tgt Ion: 75 Resp: 957

Ion Ratio Lower Upper

75 100

77 48.7 23.0 42.8#



#47

Tetrachloroethene

Concen: 1.601 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Tgt Ion: 164 Resp: 11361

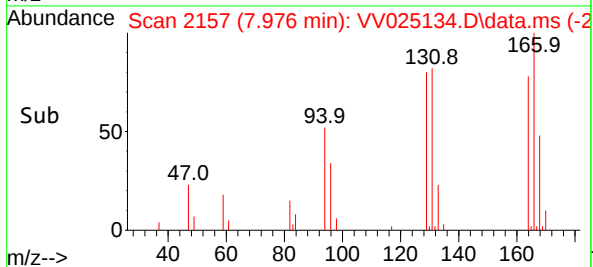
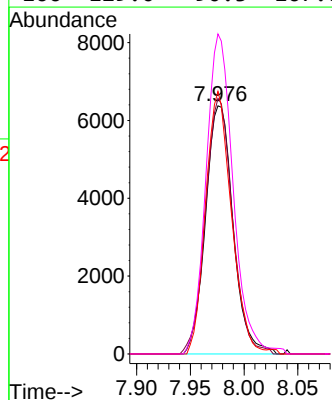
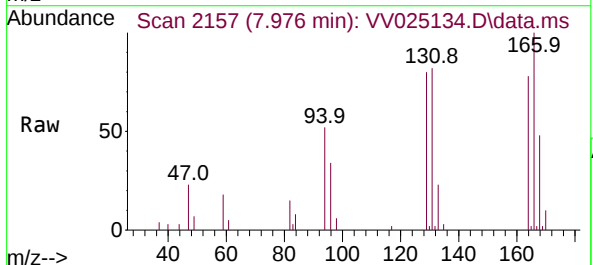
Ion Ratio Lower Upper

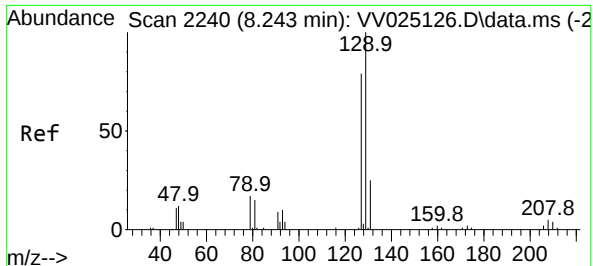
164 100

129 103.0 70.3 130.7

131 105.8 69.4 129.0

166 129.0 90.3 167.7





#49

Dibromochloromethane

Concen: 1.740 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Instrument :

MSVOA_V

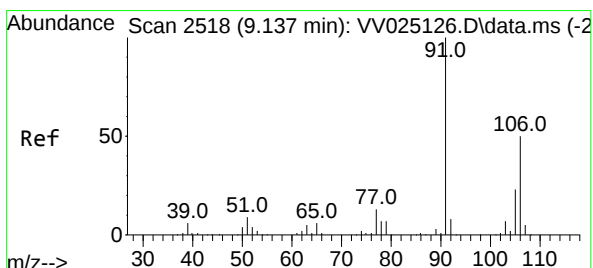
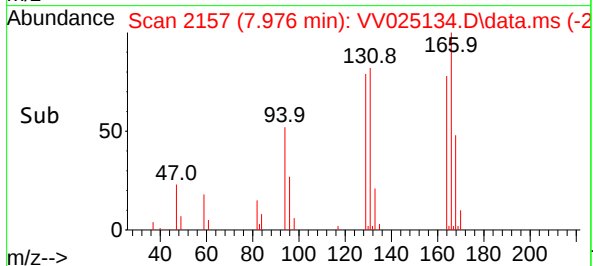
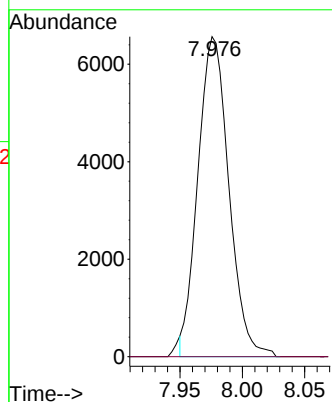
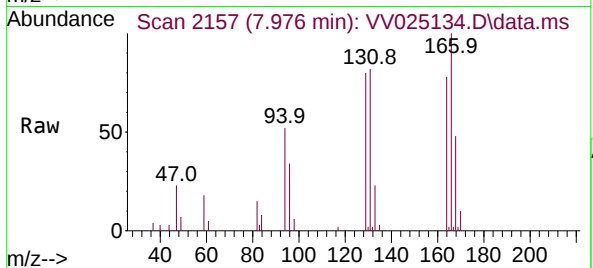
ClientSampleId :

Tgt Ion:129 Resp: 11324

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#53

m,p-xylene

Concen: 0.051 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.009 min

Lab File: VV025134.D

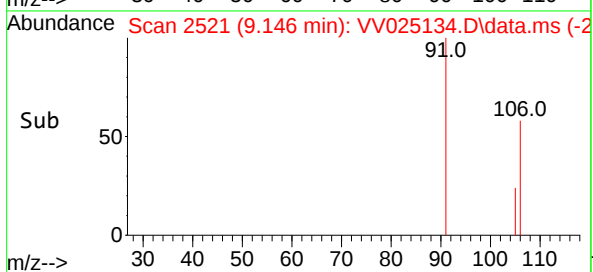
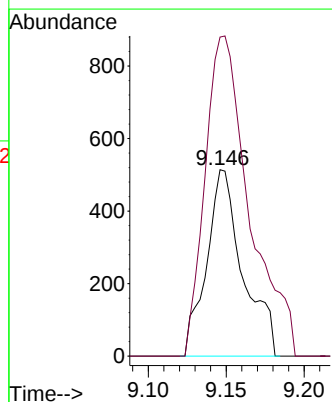
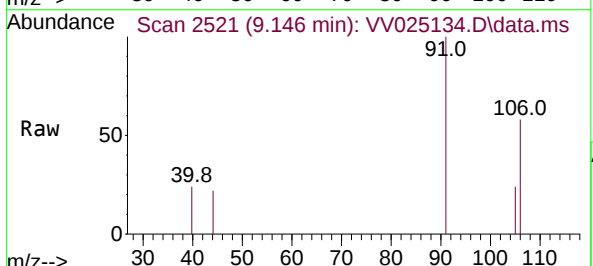
Acq: 23 Mar 2022 15:56

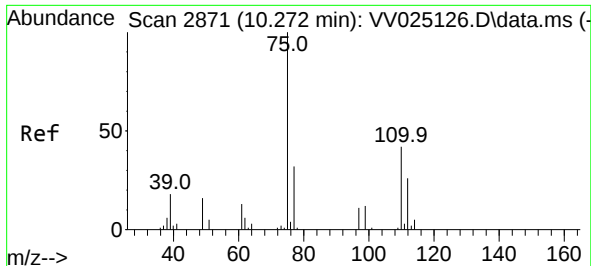
Tgt Ion:106 Resp: 831

Ion Ratio Lower Upper

106 100

91 171.2 143.4 266.4





#61

1,2,3-Trichloropropane

Concen: 1.533 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Instrument :

MSVOA_V

ClientSampleId :

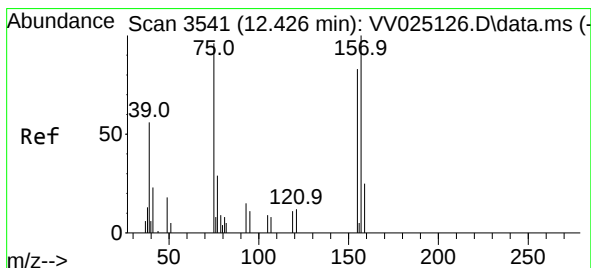
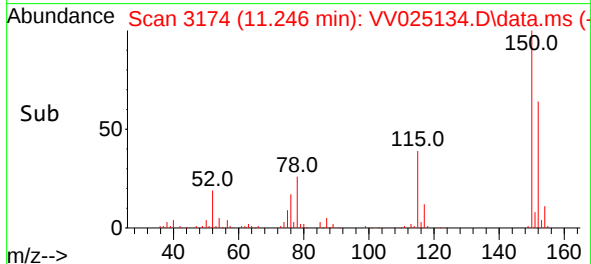
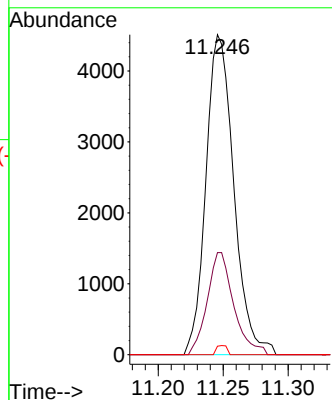
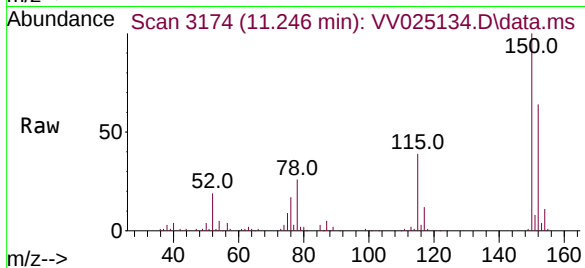
Tgt Ion: 75 Resp: 6732

Ion Ratio Lower Upper

75 100

77 30.3 25.7 38.5

110 1.1 31.2 46.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.234 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.180 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Tgt Ion: 75 Resp: 176

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

