

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023864.D
 Acq On : 09 Dec 2021 16:19
 Operator : SY/MD
 Sample : M5002-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:43:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

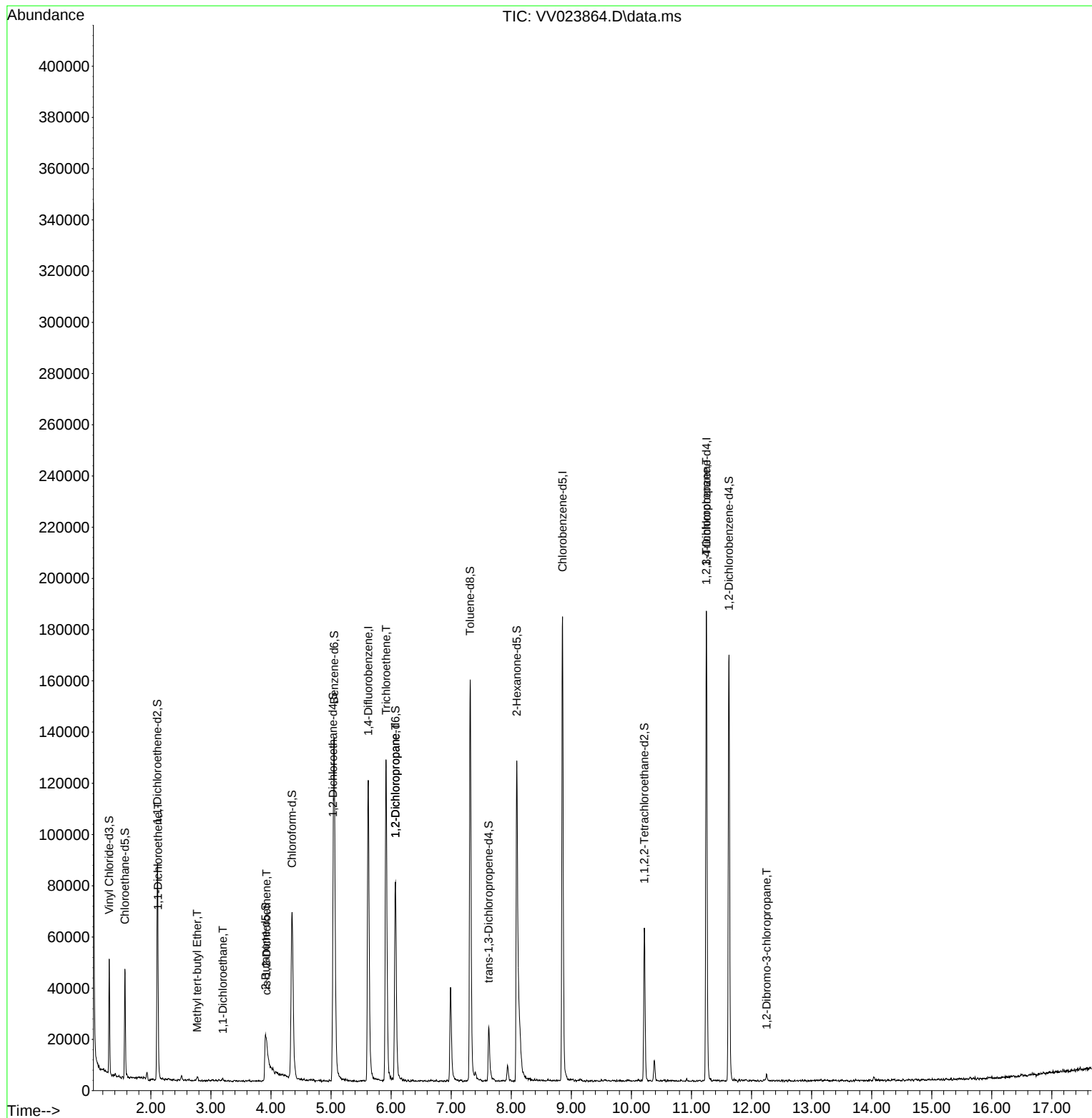
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107368	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	103533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25957	2.945	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.800%	
7) Chloroethane-d5	1.568	69	24796	3.579	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.600%	
11) 1,1-Dichloroethene-d2	2.108	63	41851	2.694	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.800%#	
20) 2-Butanone-d5	3.908	46	38223	36.074	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.140%	
24) Chloroform-d	4.349	84	66670	4.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.034	65	31843	4.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.053	84	122696	4.351	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.072	67	37613	4.757	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.316	98	106999	4.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13399	4.204	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.091	63	57617	54.412	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26658	4.685	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45264	4.990	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.121	96	2082	0.289	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	1157	0.078	ug/L #	85
19) 1,1-Dichloroethane	3.198	63	1303	0.095	ug/L #	88
22) cis-1,2-Dichloroethene	3.924	96	1577	0.201	ug/L	98
34) Trichloroethene	5.915	95	42305	5.350	ug/L	97
37) 1,2-Dichloropropane	6.072	63	4393	0.626	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	4990	1.371	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.249	75	45	0.062	ug/L #	1

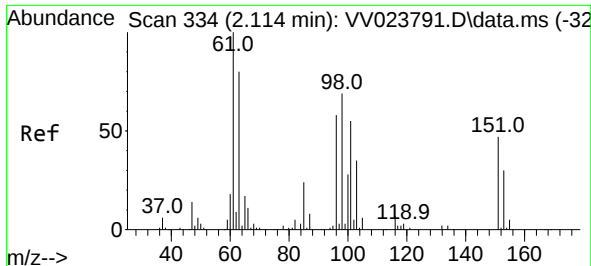
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023864.D

Acq: 09 Dec 2021 16:19

Instrument :

MSVOA_V

ClientSampleId :

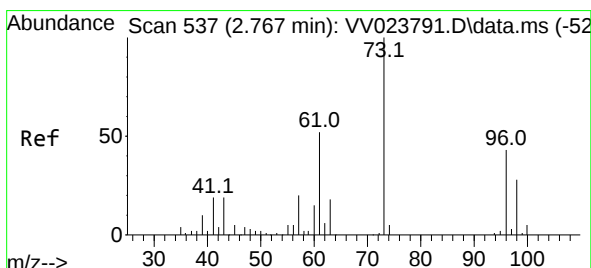
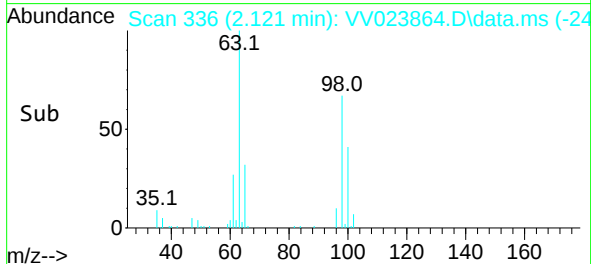
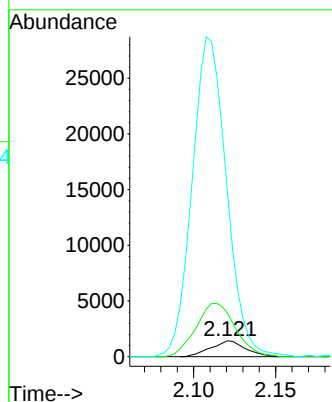
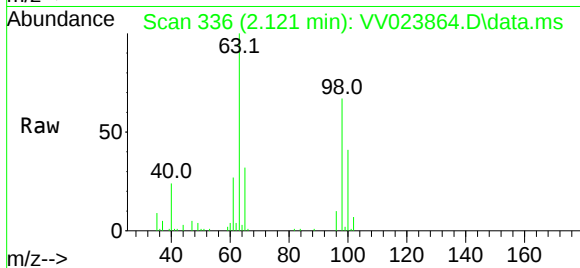
Tgt Ion: 96 Resp: 2082

Ion Ratio Lower Upper

96 100

61 276.8 116.1 215.5#

63 1040.8 79.4 147.4#



#17

Methyl tert-butyl Ether

Concen: 0.078 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV023864.D

Acq: 09 Dec 2021 16:19

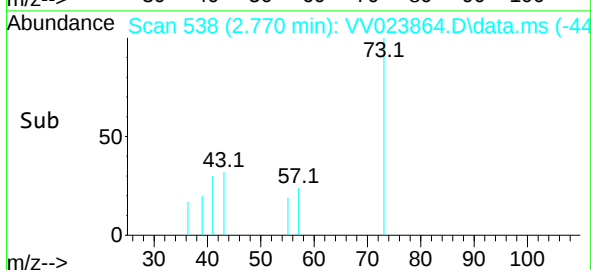
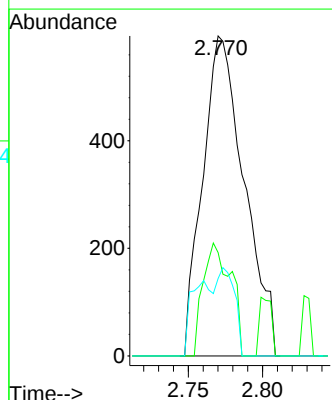
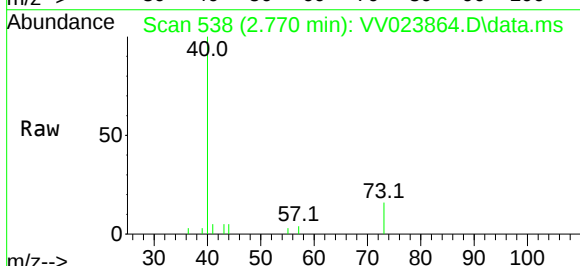
Tgt Ion: 73 Resp: 1157

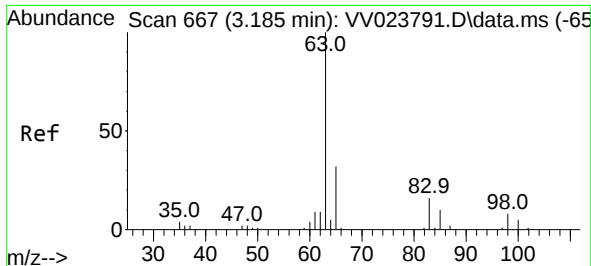
Ion Ratio Lower Upper

73 100

43 23.6 15.5 23.3#

57 11.7 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 0.095 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.013 min

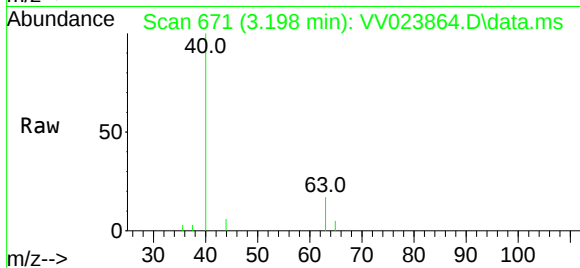
Lab File: VV023864.D

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MSVOA_V

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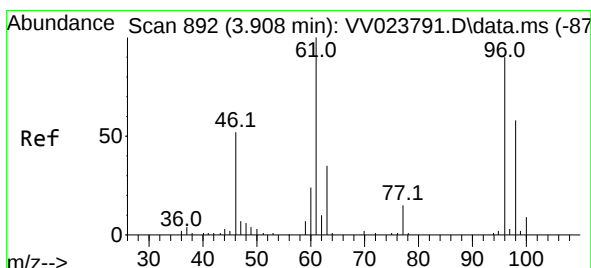
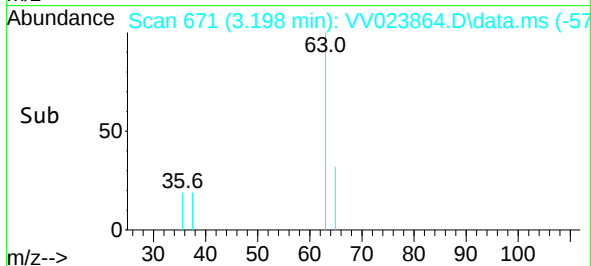
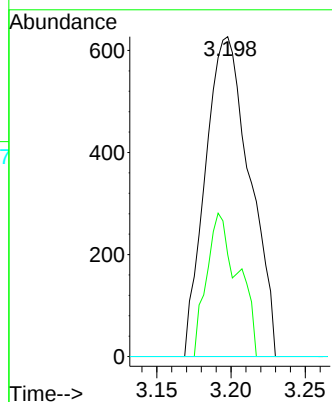
Tgt Ion: 63 Resp: 1303

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.3

83 0.0 10.7 19.9#



#22

cis-1,2-Dichloroethene

Concen: 0.201 ug/L

RT: 3.924 min Scan# 897

Delta R.T. 0.016 min

Lab File: VV023864.D

Acq: 09 Dec 2021 16:19

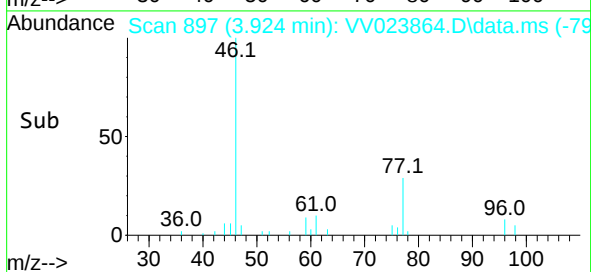
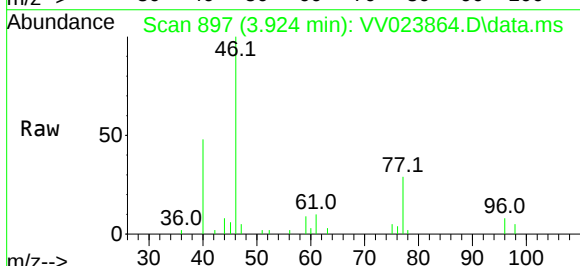
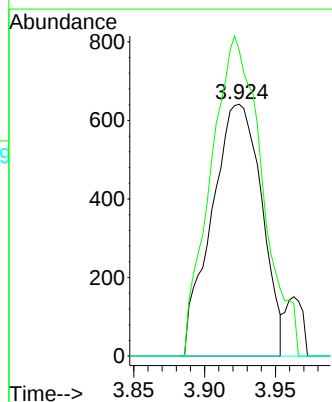
Tgt Ion: 96 Resp: 1577

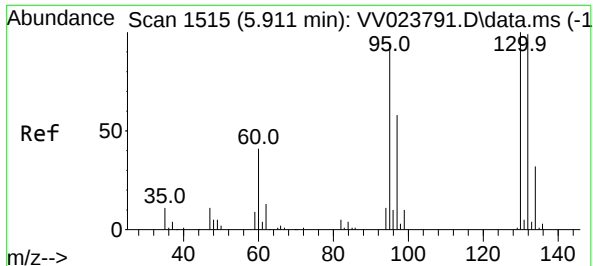
Ion Ratio Lower Upper

96 100

61 121.4 83.4 154.8

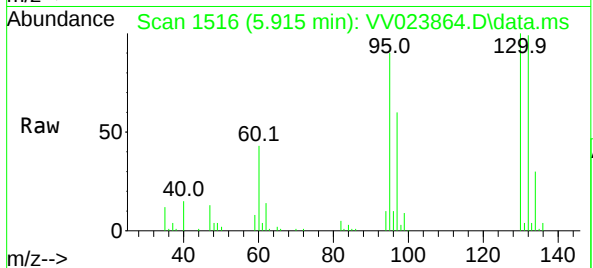
68 0.0 0.0 0.0



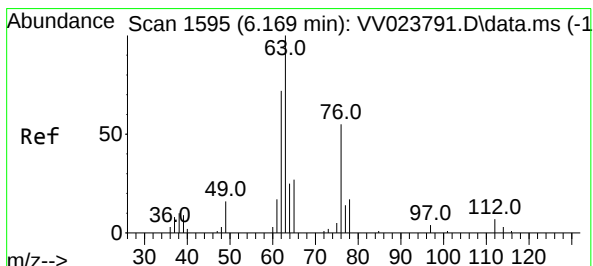
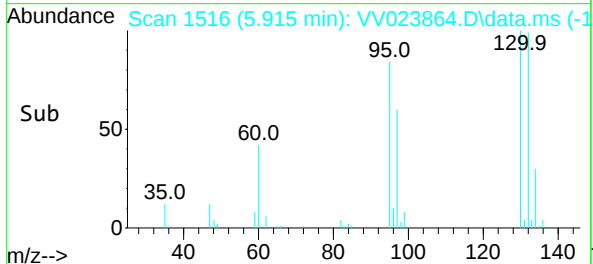
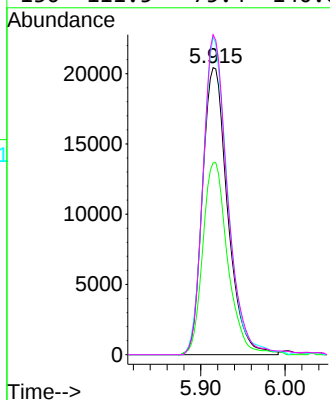


#34
Trichloroethene
Concen: 5.350 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023864.D
Acq: 09 Dec 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

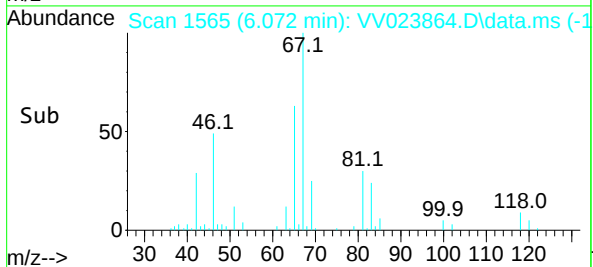
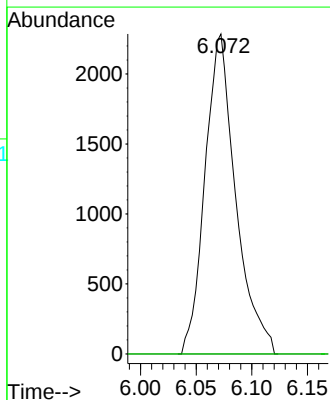
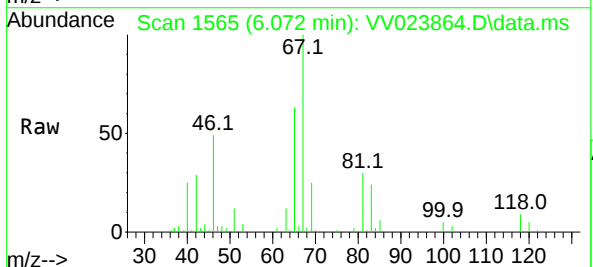


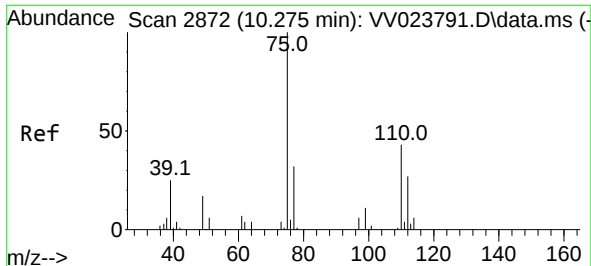
Tgt Ion: 95 Resp: 42305
Ion Ratio Lower Upper
95 100
97 66.8 45.2 84.0
132 110.6 76.1 141.3
130 111.5 75.4 140.0



#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV023864.D
Acq: 09 Dec 2021 16:19

Tgt Ion: 63 Resp: 4393
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

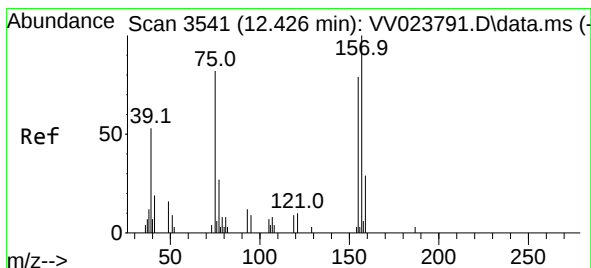
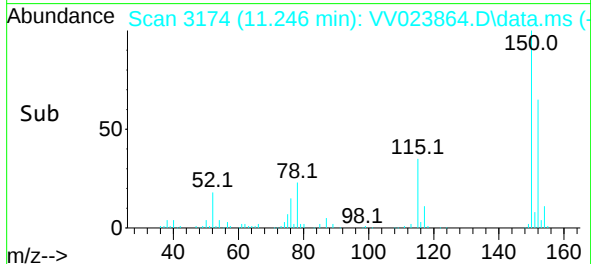
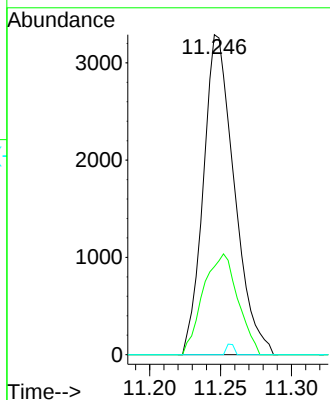
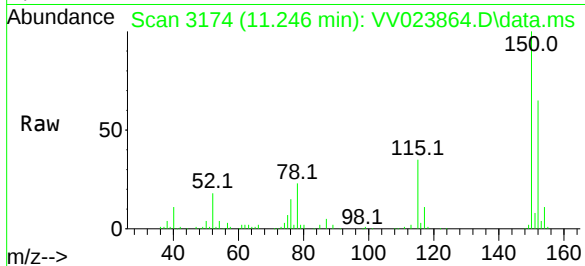




#61
1,2,3-Trichloropropane
Concen: 1.371 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV023864.D
Acq: 09 Dec 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4990
Ion Ratio Lower Upper
75 100
77 35.4 26.4 39.6
110 0.8 34.2 51.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.062 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.177 min
Lab File: VV023864.D
Acq: 09 Dec 2021 16:19

Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 0.0 103.3 154.9#

