

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025799.D
 Acq On : 03 May 2022 17:39
 Operator : SY/MD
 Sample : N2615-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0A7

Quant Time: May 04 05:08:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

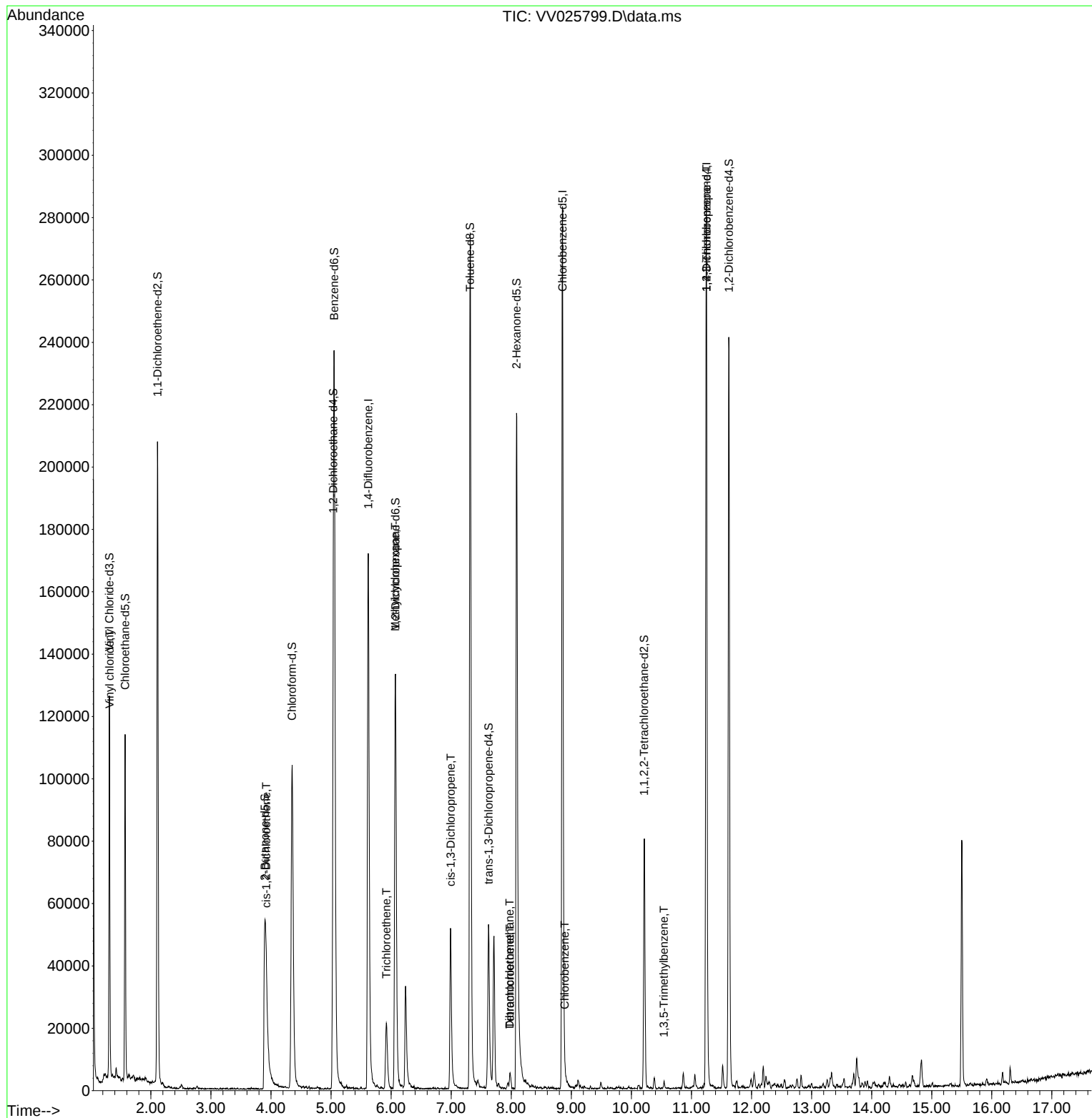
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152616	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	155479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	77527	4.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.571	69	69223	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.111	63	108865	3.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.895	46	94250	41.170	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.340%
24) Chloroform-d	4.352	84	108072	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.037	65	49830	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.053	84	223024	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	66320	4.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.316	98	185261	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	17188	3.697	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	74850	41.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.620%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	37932	4.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	60187	4.681	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	918	0.044	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	6548	0.494	ug/L	97
34) Trichloroethene	5.921	95	7173	0.523	ug/L	98
35) Methylcyclohexane	6.069	83	15823	0.749	ug/L #	22
39) cis-1,3-Dichloropropene	6.992	75	1287	0.083	ug/L #	25
47) Tetrachloroethene	7.979	164	1241	0.106	ug/L #	73
49) Dibromochloromethane	7.976	129	629	0.071	ug/L #	11
51) Chlorobenzene	8.889	112	1180	0.034	ug/L #	70
61) 1,2,3-Trichloropropane	11.249	75	9768	1.665	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.541	105	1390	0.066	ug/L	92

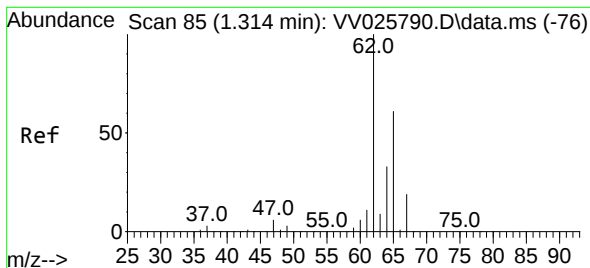
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
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QLast Update : Wed May 04 05:06:02 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.044 ug/L

RT: 1.314 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

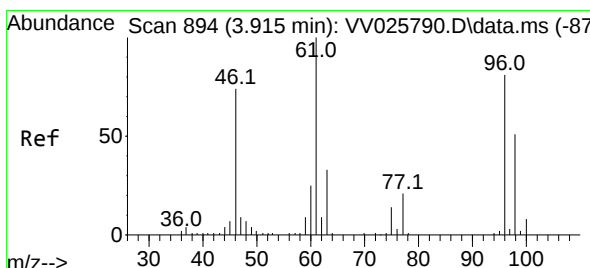
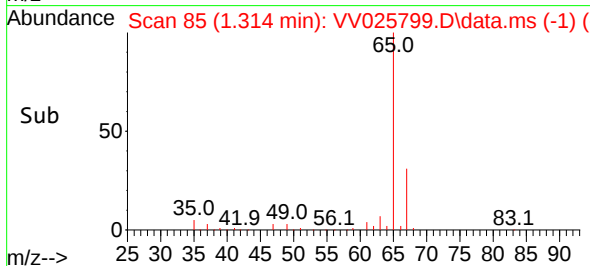
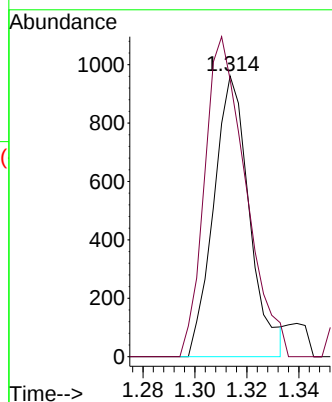
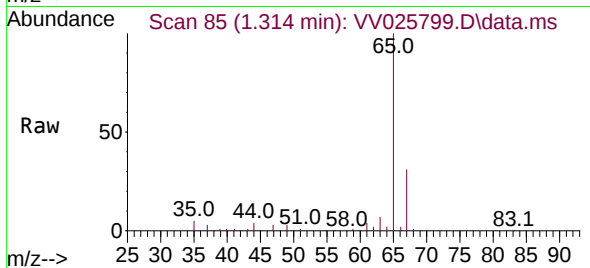
BH0A7

Tgt Ion: 62 Resp: 918

Ion Ratio Lower Upper

62 100

64 98.8 23.2 43.2#



#22

cis-1,2-Dichloroethene

Concen: 0.494 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.006 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

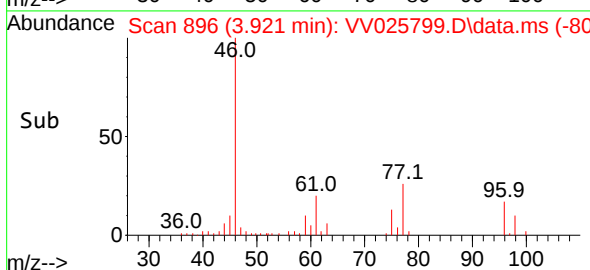
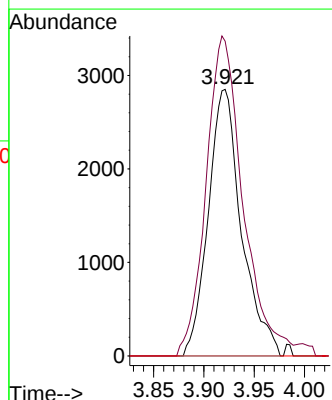
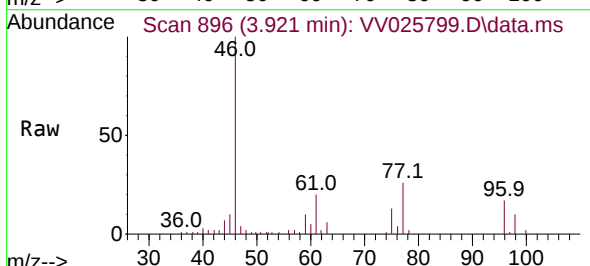
Tgt Ion: 96 Resp: 6548

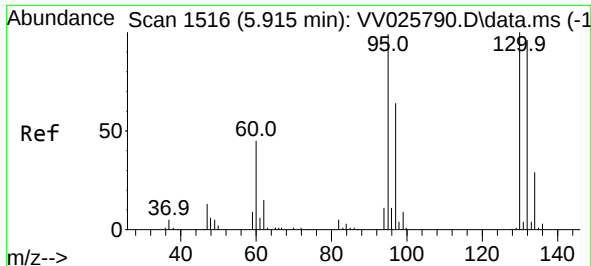
Ion Ratio Lower Upper

96 100

61 118.0 80.0 148.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.523 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

BH0A7

Tgt Ion: 95 Resp: 7173

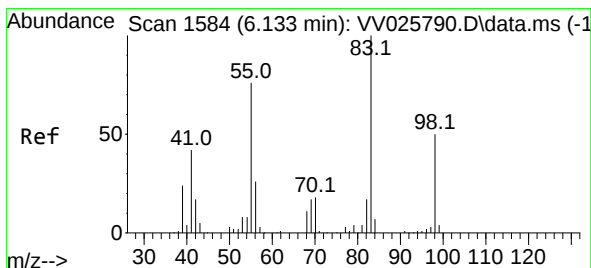
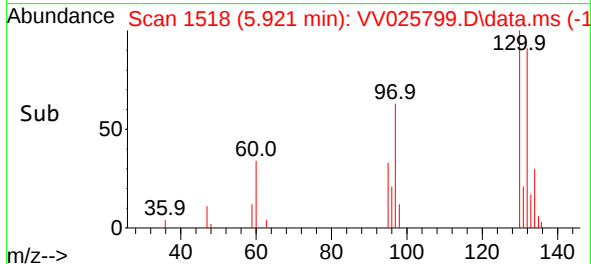
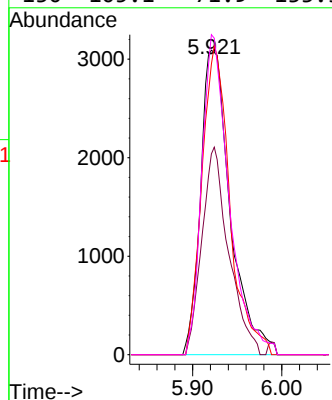
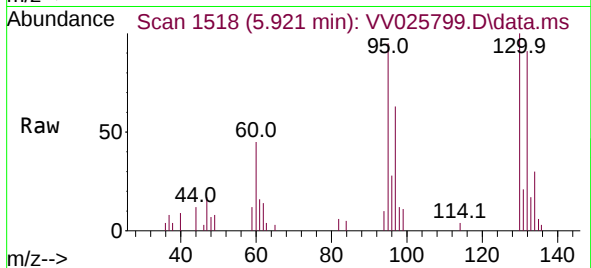
Ion Ratio Lower Upper

95 100

97 66.0 45.8 85.2

132 95.4 68.0 126.4

130 105.1 71.9 133.5



#35

Methylcyclohexane

Concen: 0.749 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

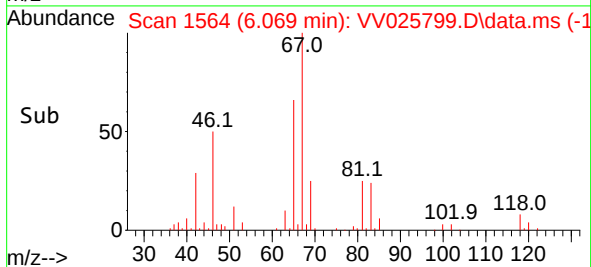
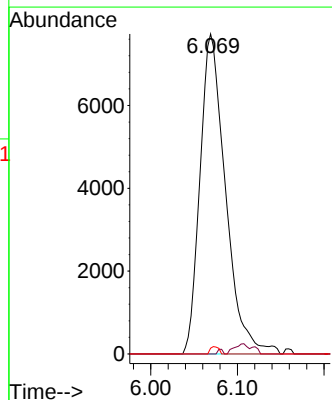
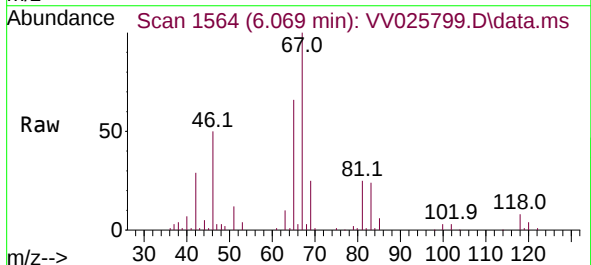
Tgt Ion: 83 Resp: 15823

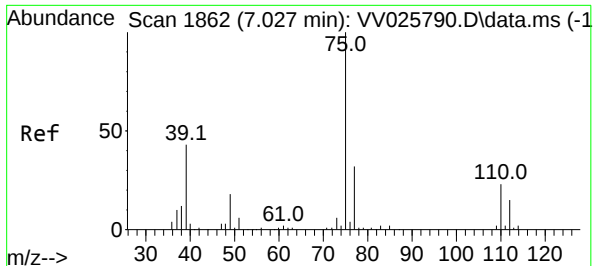
Ion Ratio Lower Upper

83 100

55 0.3 53.7 80.5#

98 0.8 39.6 59.4#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

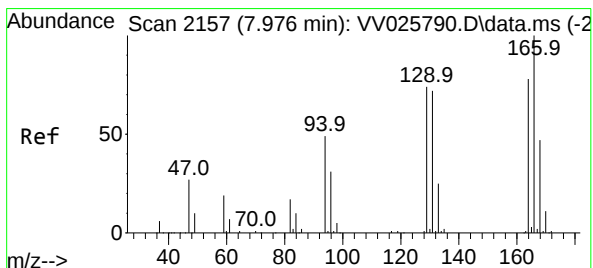
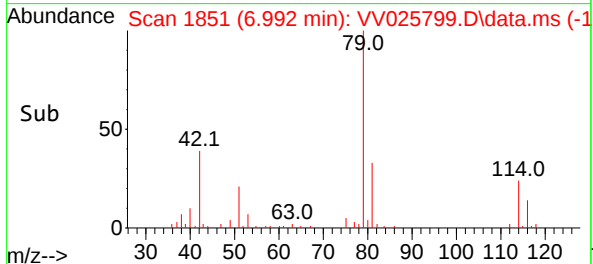
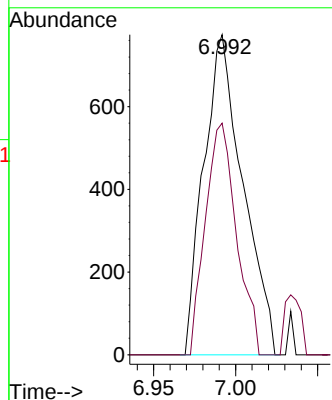
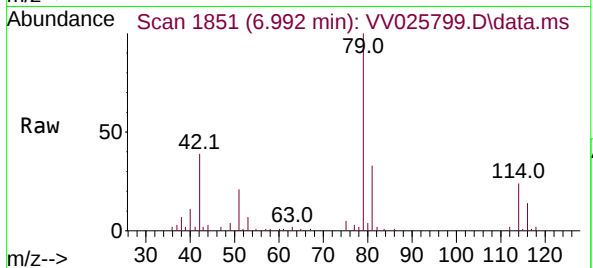
BH0A7

Tgt Ion: 75 Resp: 1287

Ion Ratio Lower Upper

75 100

77 72.4 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.106 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

Tgt Ion: 164 Resp: 1241

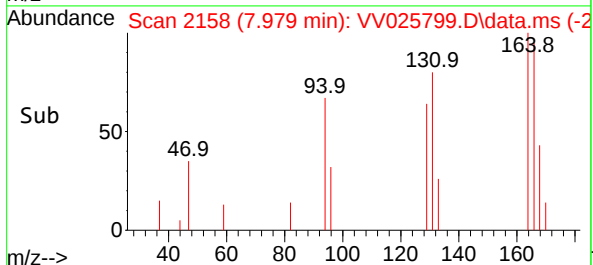
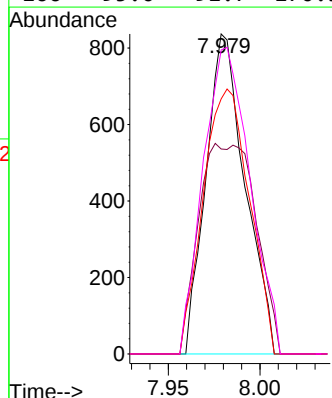
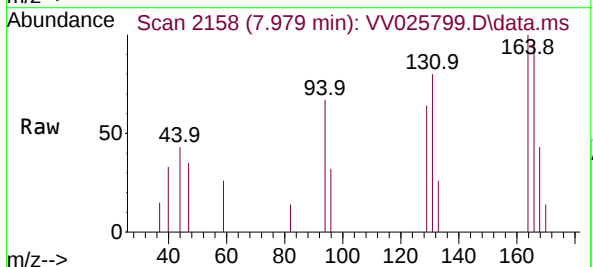
Ion Ratio Lower Upper

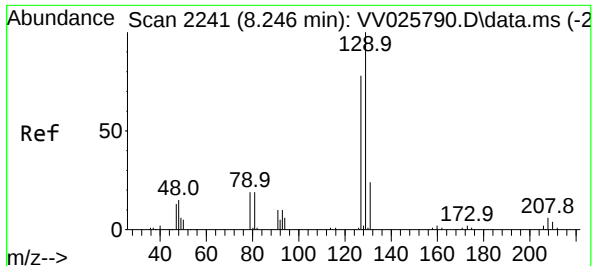
164 100

129 64.0 66.8 124.2#

131 79.7 66.4 123.4

166 95.0 91.7 170.3





#49

Dibromochloromethane

Concen: 0.071 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

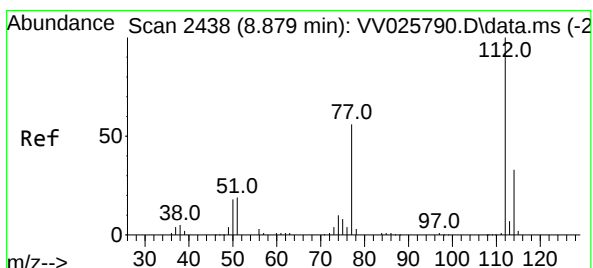
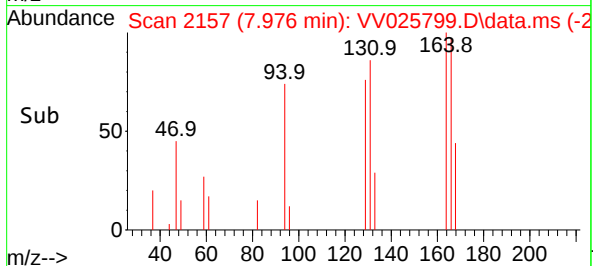
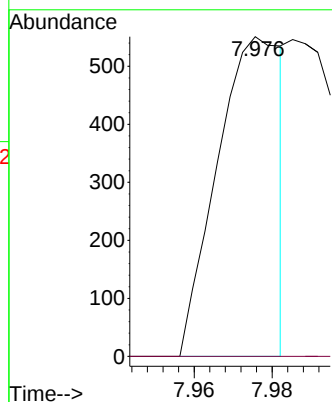
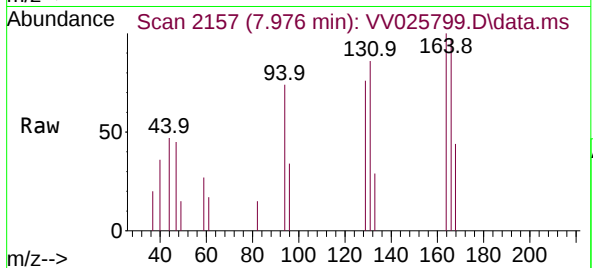
BH0A7

Tgt Ion:129 Resp: 629

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#51

Chlorobenzene

Concen: 0.034 ug/L

RT: 8.889 min Scan# 2441

Delta R.T. 0.009 min

Lab File: VV025799.D

Acq: 03 May 2022 17:39

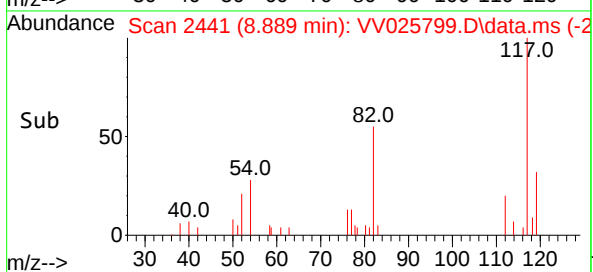
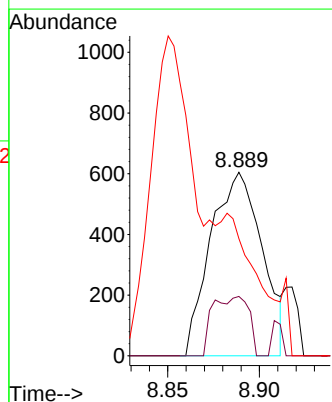
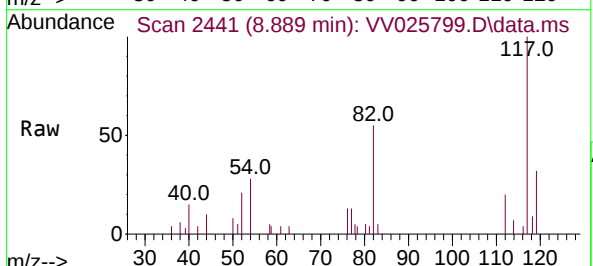
Tgt Ion:112 Resp: 1180

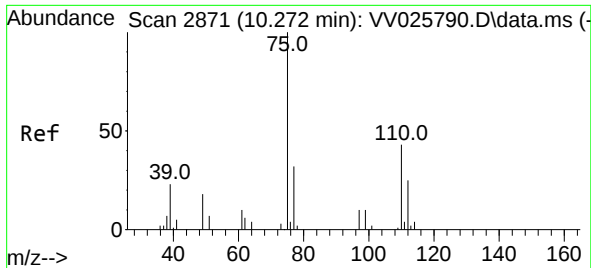
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 88.1 43.7 65.5#

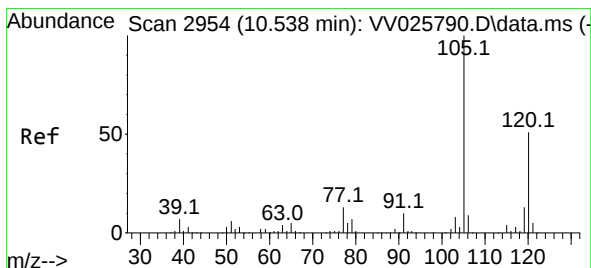
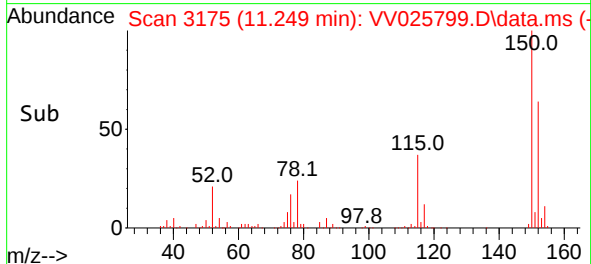
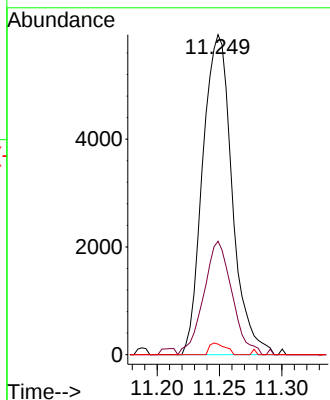
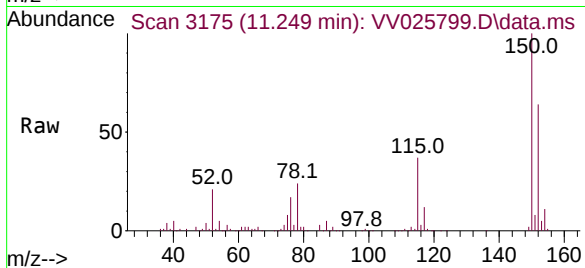




#61
 1,2,3-Trichloropropane
 Concen: 1.665 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV025799.D
 Acq: 03 May 2022 17:39

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0A7

Tgt Ion: 75 Resp: 9768
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.6 38.4
 110 2.0 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.066 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV025799.D
 Acq: 03 May 2022 17:39

Tgt Ion: 105 Resp: 1390
 Ion Ratio Lower Upper
 105 100
 120 55.3 39.6 59.4

