

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023817.D
 Acq On : 07 Dec 2021 12:56
 Operator : SY/MD
 Sample : M4879-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:15:06 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)

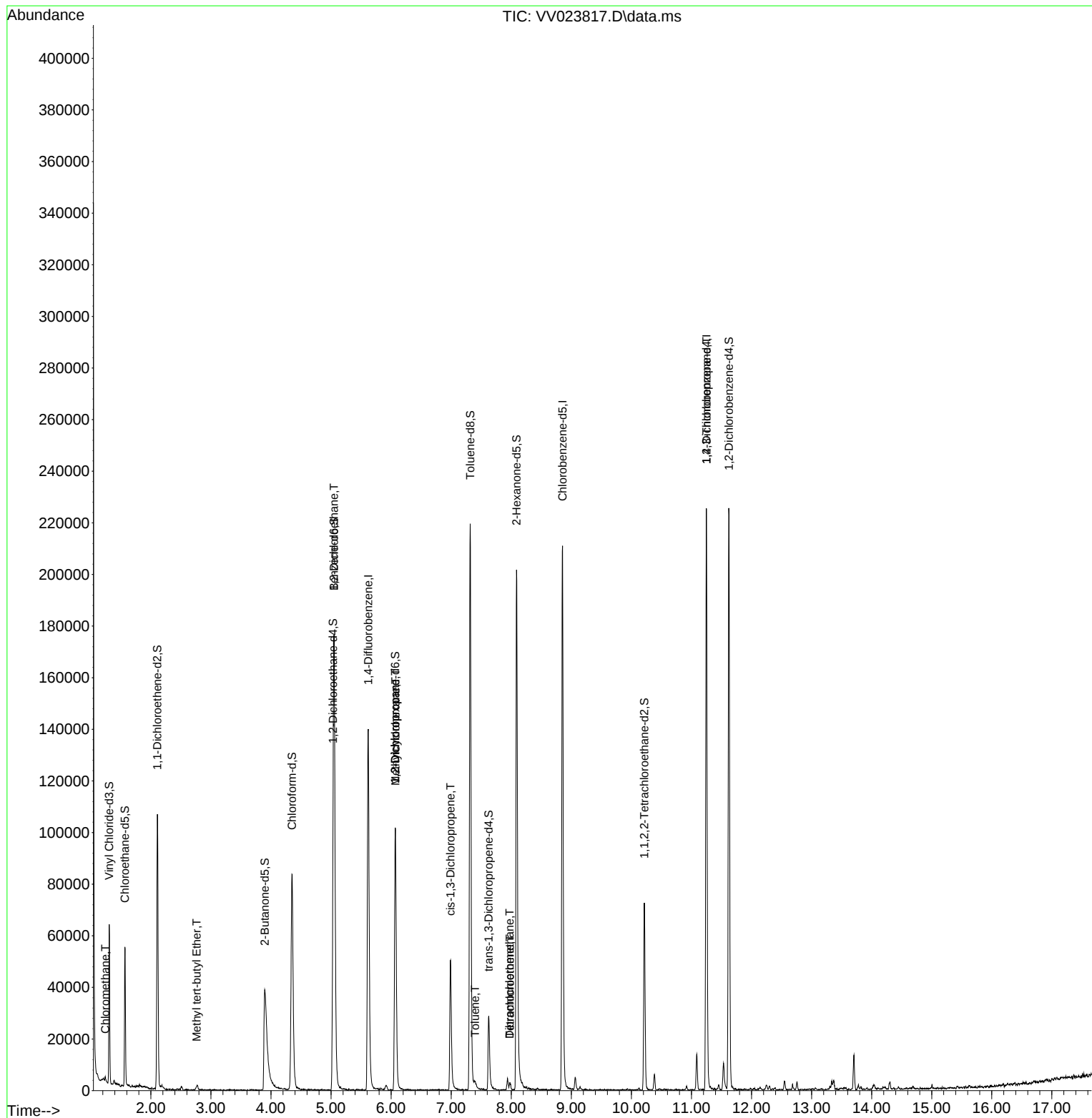
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126909	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37353	3.585	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.568	69	31895	3.895	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.108	63	56042	3.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.000%	
20) 2-Butanone-d5	3.896	46	87252	69.666	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	139.340%#	
24) Chloroform-d	4.352	84	84731	4.671	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.034	65	39909	4.709	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.050	84	161689	4.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.069	67	47260	5.094	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.317	98	145808	4.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	7.625	79	17254	4.614	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.088	63	75156	60.494	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32629	4.888	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	59856	5.599	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	546	0.052	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	2112	0.121	ug/L #	83
27) 1,2-Dichloroethane	5.050	62	1184	0.123	ug/L #	73
35) Methylcyclohexane	6.072	83	11996	0.829	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5256	0.638	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1369	0.117	ug/L #	65
42) Toluene	7.397	91	2609	0.069	ug/L	91
47) Tetrachloroethene	7.979	164	676	0.080	ug/L	79
49) Dibromochloromethane	7.973	129	501	0.064	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	5865	1.368	ug/L #	61

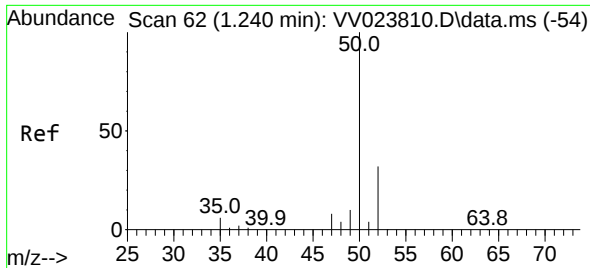
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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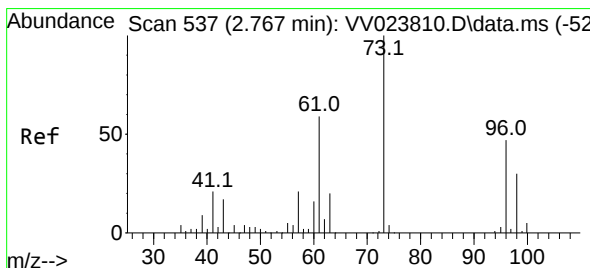
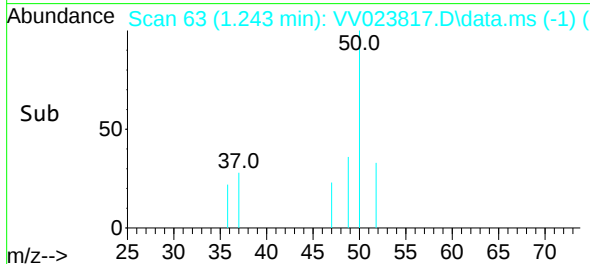
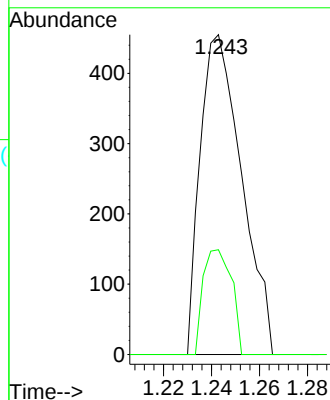
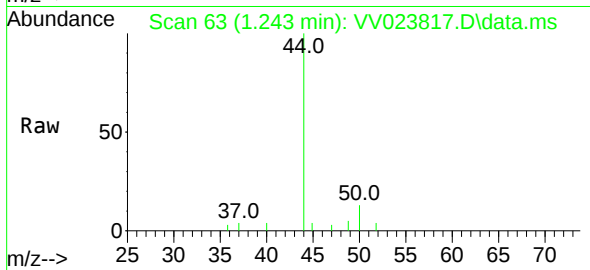




#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023817.D
Acq: 07 Dec 2021 12:56

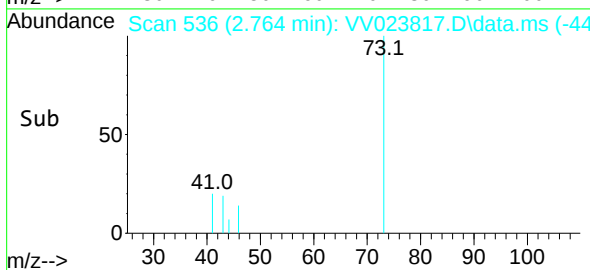
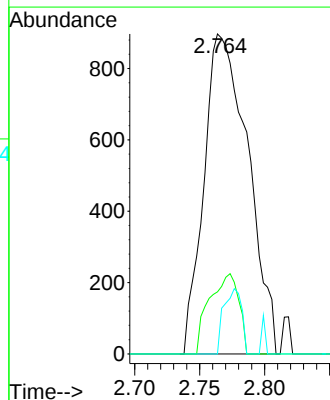
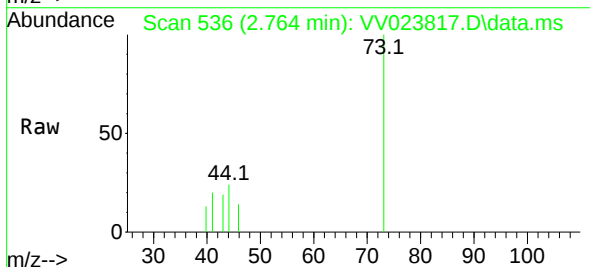
Instrument :
MSVOA_V
ClientSampleId :

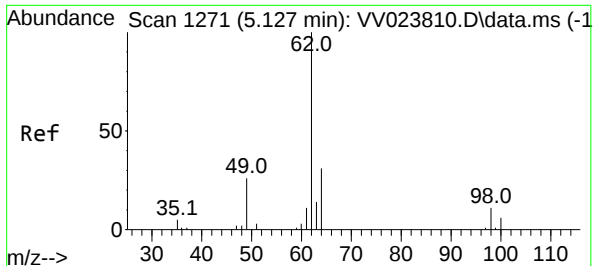
Tgt Ion: 50 Resp: 546
Ion Ratio Lower Upper
50 100
52 32.7 22.0 41.0



#17
Methyl tert-butyl Ether
Concen: 0.121 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV023817.D
Acq: 07 Dec 2021 12:56

Tgt Ion: 73 Resp: 2112
Ion Ratio Lower Upper
73 100
43 16.7 15.5 23.3
57 8.2 17.1 25.7#





#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.050 min Scan# 1184

Delta R.T. -0.077 min

Lab File: VV023817.D

Acq: 07 Dec 2021 12:56

Instrument :

MSVOA_V

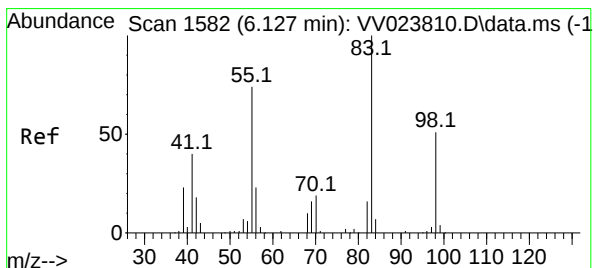
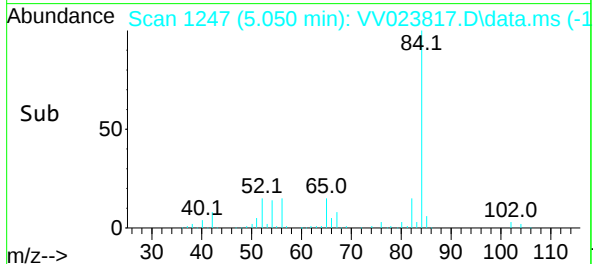
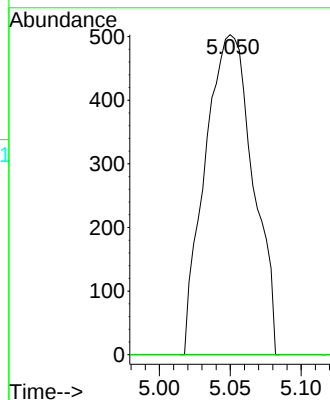
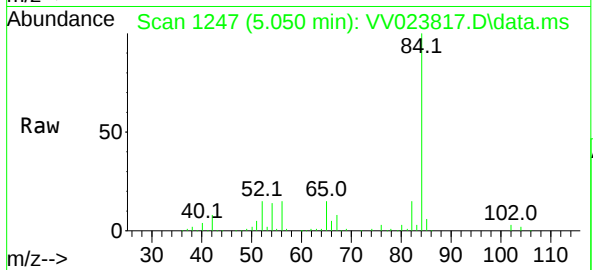
ClientSampleId :

Tgt Ion: 62 Resp: 1184

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023817.D

Acq: 07 Dec 2021 12:56

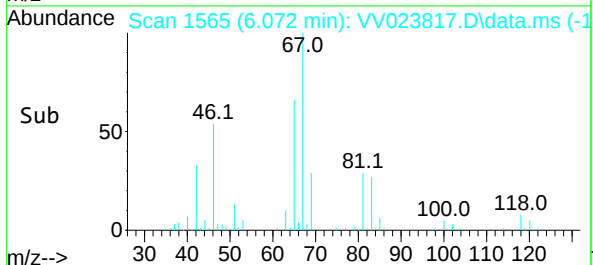
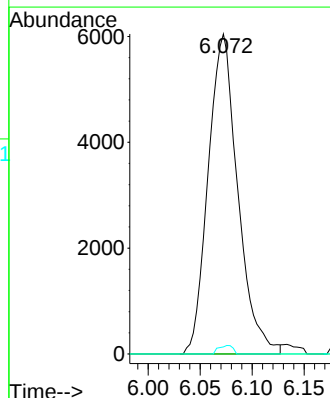
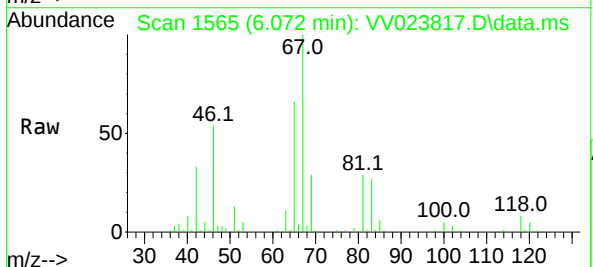
Tgt Ion: 83 Resp: 11996

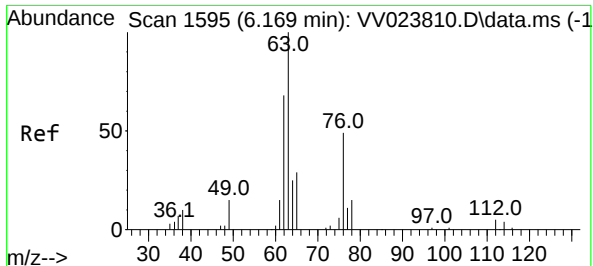
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023817.D

Acq: 07 Dec 2021 12:56

Instrument :

MSVOA_V

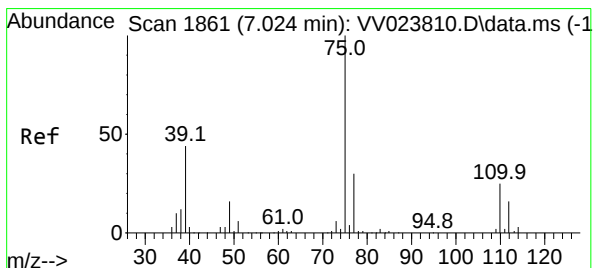
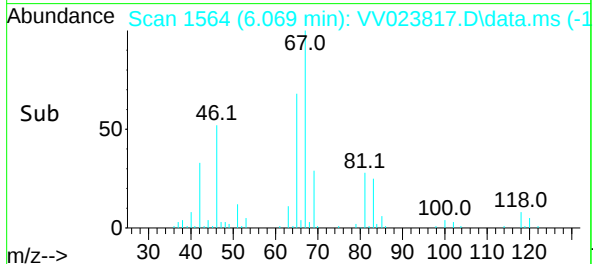
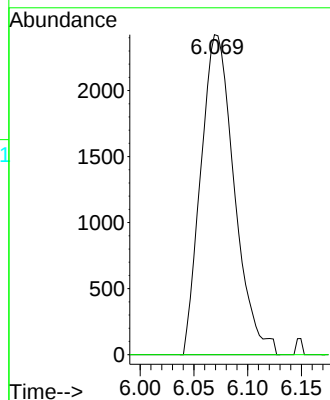
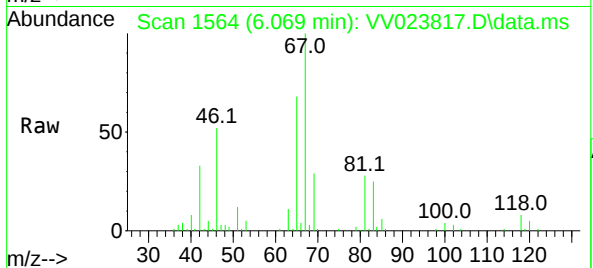
ClientSampleId :

Tgt Ion: 63 Resp: 5256

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV023817.D

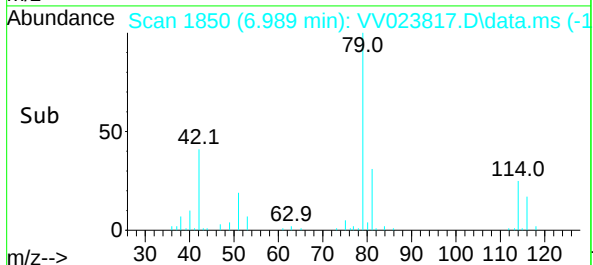
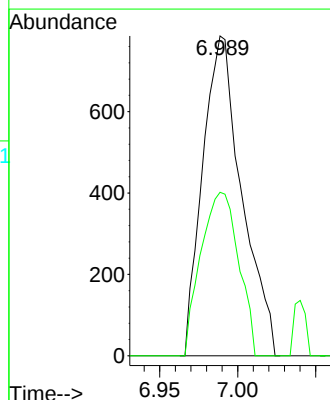
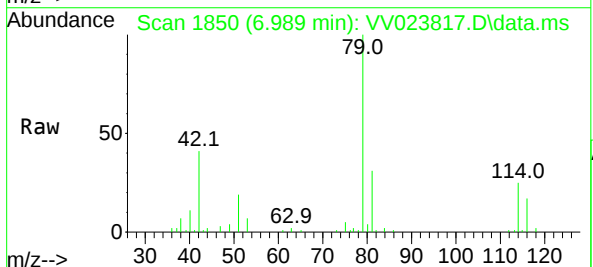
Acq: 07 Dec 2021 12:56

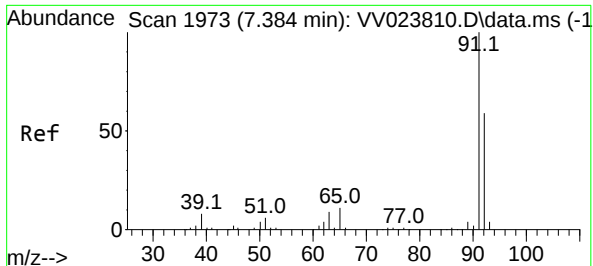
Tgt Ion: 75 Resp: 1369

Ion Ratio Lower Upper

75 100

77 51.1 22.0 41.0#





#42

Toluene

Concen: 0.069 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023817.D

Acq: 07 Dec 2021 12:56

Instrument :

MSVOA_V

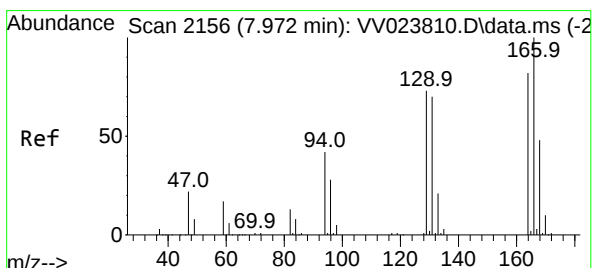
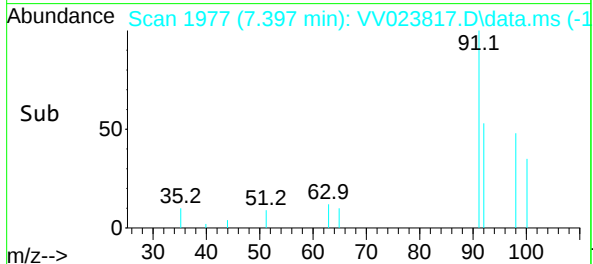
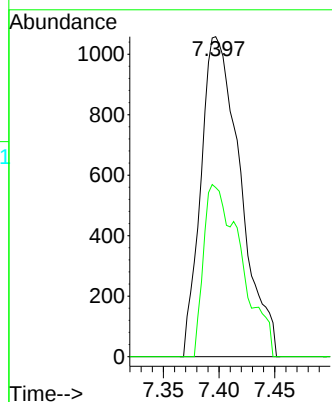
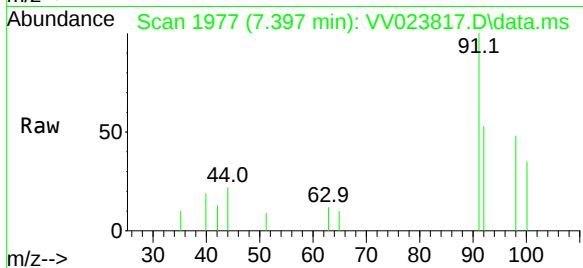
ClientSampleId :

Tgt Ion: 91 Resp: 2609

Ion Ratio Lower Upper

91 100

92 52.8 41.5 77.1



#47

Tetrachloroethene

Concen: 0.080 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV023817.D

Acq: 07 Dec 2021 12:56

Tgt Ion: 164 Resp: 676

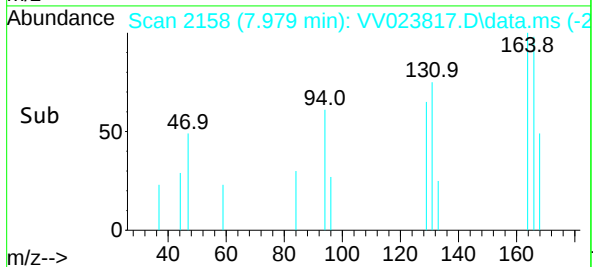
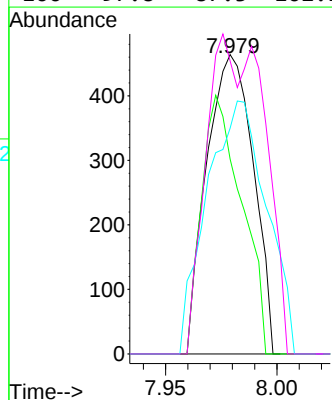
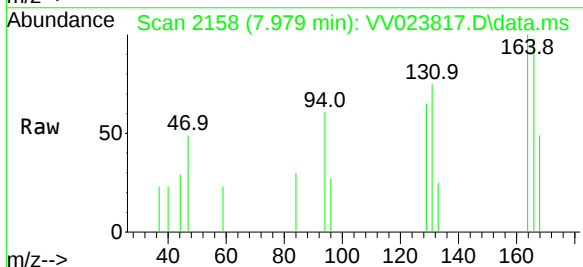
Ion Ratio Lower Upper

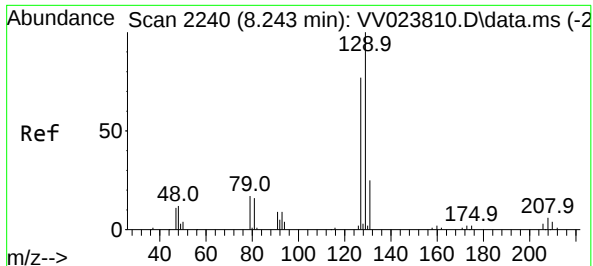
164 100

129 65.1 62.6 116.2

131 75.4 61.0 113.4

166 97.8 87.3 162.1





#49

Dibromochloromethane

Concen: 0.064 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV023817.D

Acq: 07 Dec 2021 12:56

Instrument :

MSVOA_V

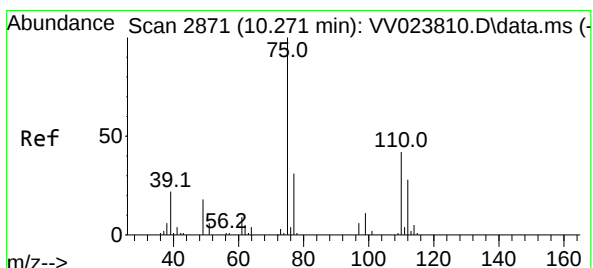
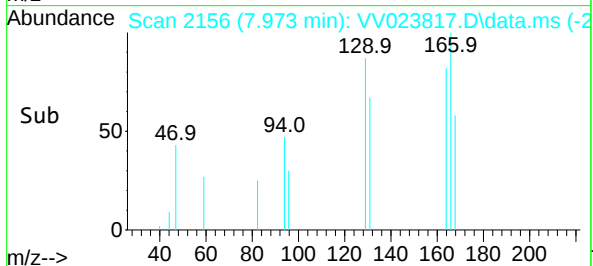
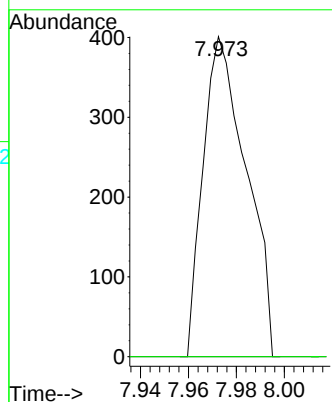
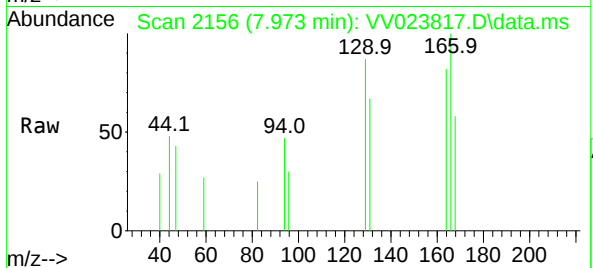
ClientSampleId :

Tgt Ion:129 Resp: 501

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.368 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023817.D

Acq: 07 Dec 2021 12:56

Tgt Ion: 75 Resp: 5865

Ion Ratio Lower Upper

75 100

77 37.7 26.4 39.6

110 2.9 34.2 51.2#

