

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023688.D
 Acq On : 23 Nov 2021 22:05
 Operator : SY/MD
 Sample : M4723-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 05:02:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:42:45 2021
 Response via : Initial Calibration

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

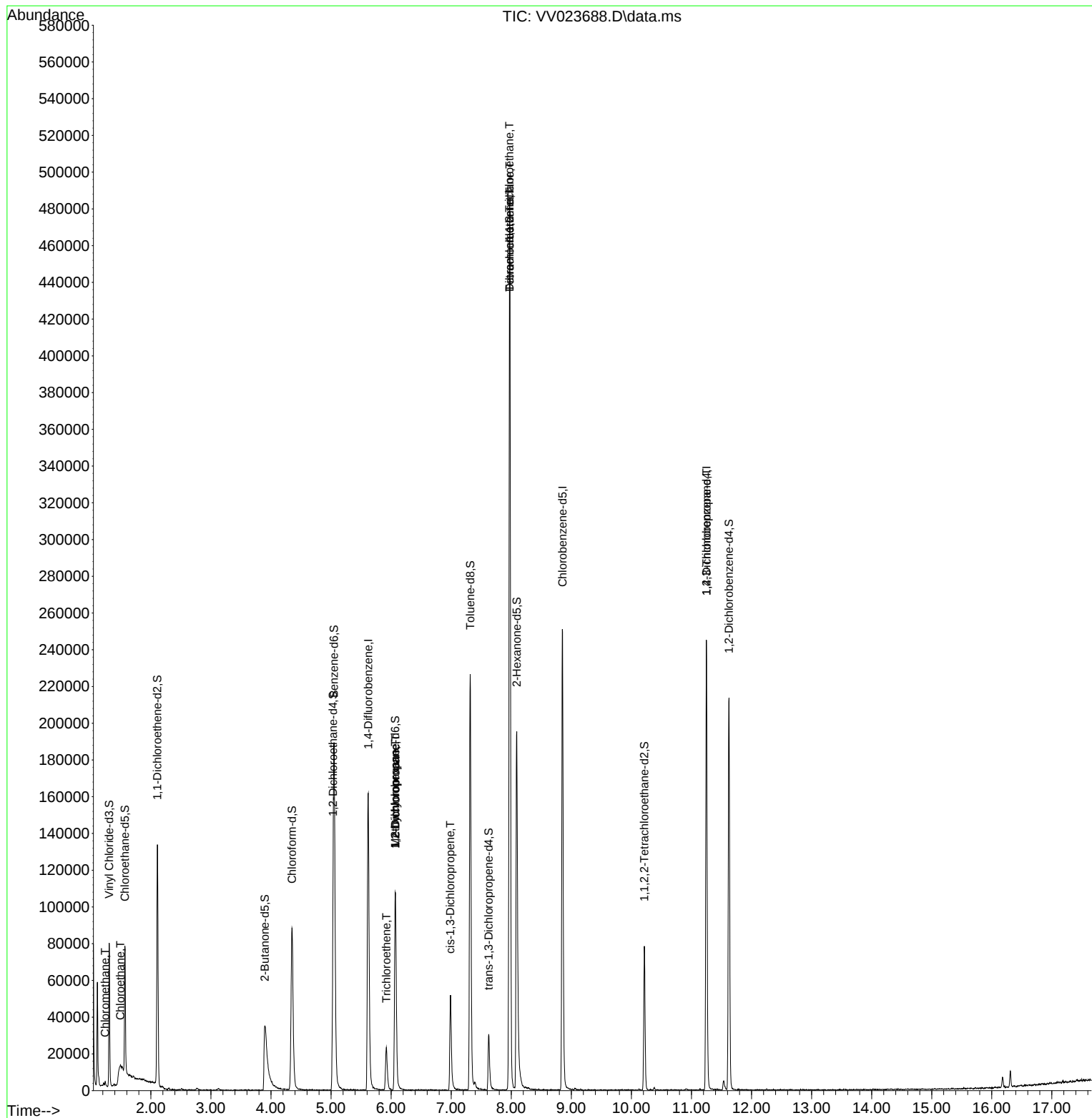
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145913	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	142425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48291	4.032	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.568	69	41250	4.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.108	63	66934	3.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.899	46	85672	59.496	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.000%
24) Chloroform-d	4.349	84	90001	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.034	65	43236	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.050	84	172814	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.069	67	50715	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.317	98	152059	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.625	79	17873	4.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.091	63	69329	47.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34363	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	57794	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1437	0.119	ug/L	92
8) Chloroethane	1.494	64	21821	2.724	ug/L #	52
34) Trichloroethene	5.921	95	7923	0.728	ug/L	92
35) Methylcyclohexane	6.069	83	12799	0.755	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6262	0.649	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1507	0.110	ug/L	91
45) 1,1,2-Trichloroethane	7.969	97	969	0.145	ug/L #	14
47) Tetrachloroethene	7.976	164	107844	10.893	ug/L	97
49) Dibromochloromethane	7.976	129	94602	10.330	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7036	1.487	ug/L #	64

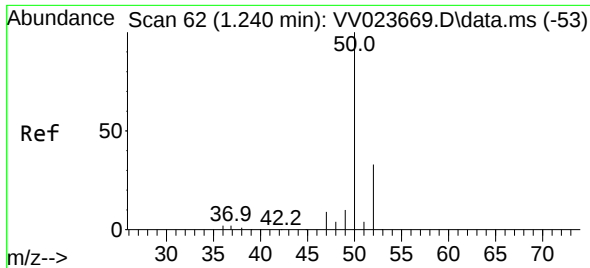
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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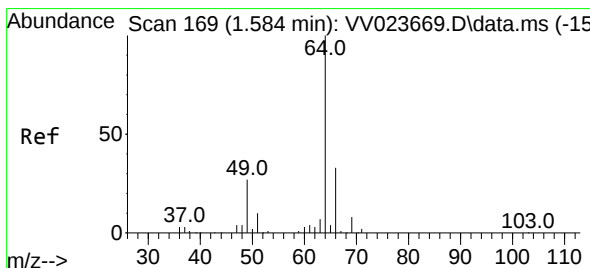
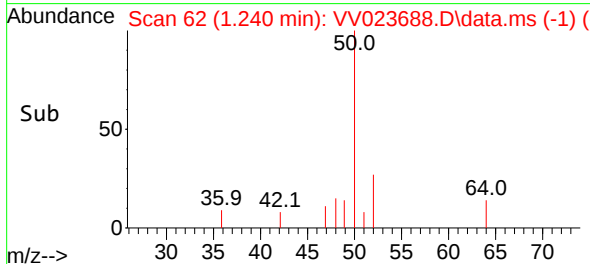
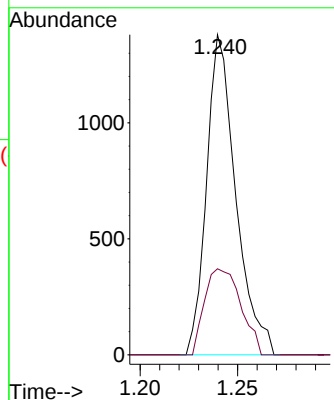
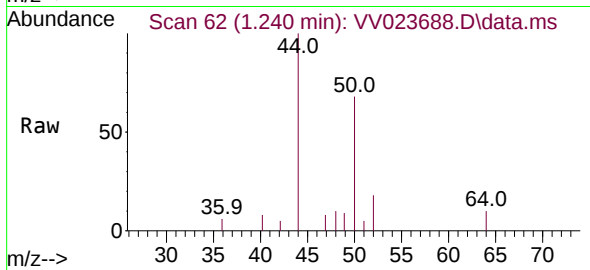




#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023688.D
Acq: 23 Nov 2021 22:05

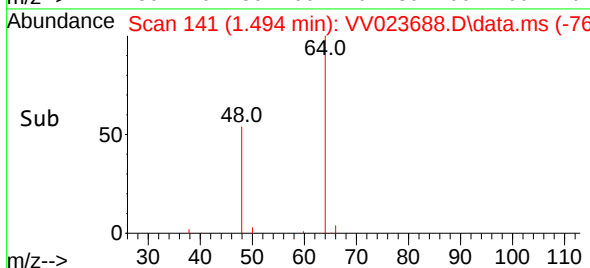
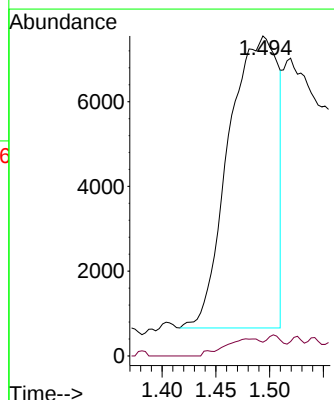
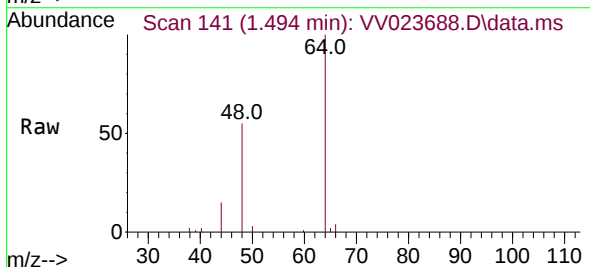
Instrument :
MSVOA_V
ClientSampleId :

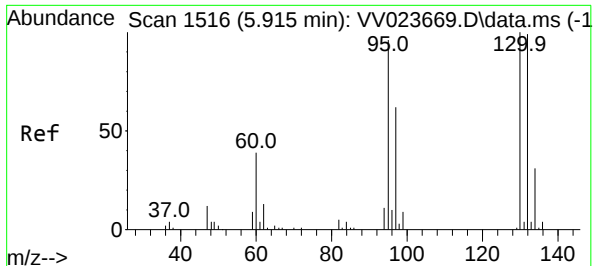
Tgt Ion: 50 Resp: 1437
Ion Ratio Lower Upper
50 100
52 26.9 22.0 41.0



#8
Chloroethane
Concen: 2.724 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.090 min
Lab File: VV023688.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 64 Resp: 21821
Ion Ratio Lower Upper
64 100
66 4.3 21.4 39.8#



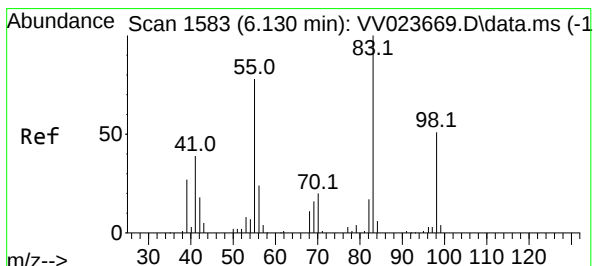
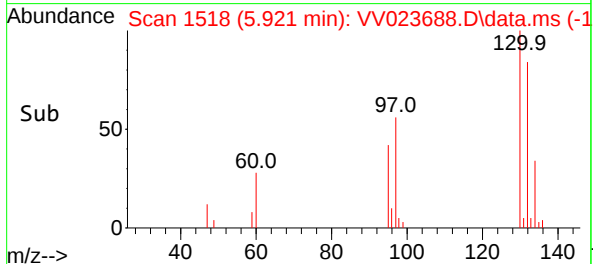
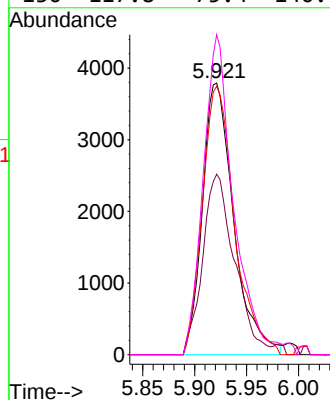
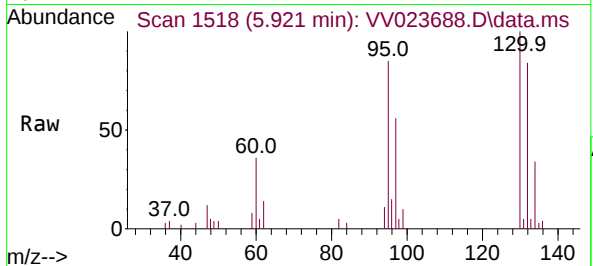


#34
Trichloroethene
Concen: 0.728 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023688.D
Acq: 23 Nov 2021 22:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 7923

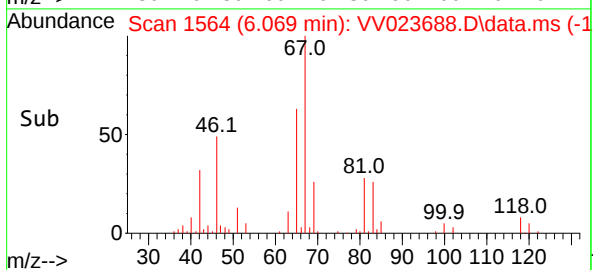
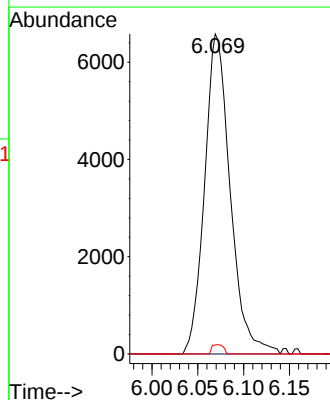
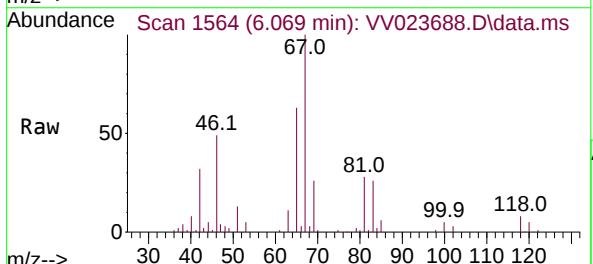
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.2	84.0
132	98.9	76.1	141.3
130	117.8	75.4	140.0

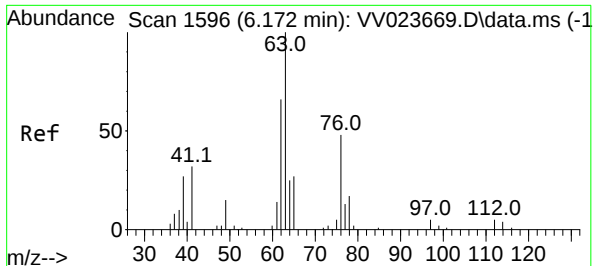


#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023688.D
Acq: 23 Nov 2021 22:05

Tgt Ion: 83 Resp: 12799

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: 0.649 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023688.D

Acq: 23 Nov 2021 22:05

Instrument :

MSVOA_V

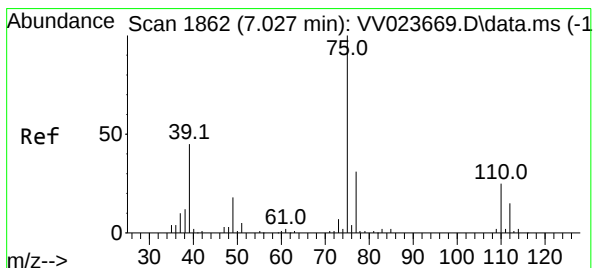
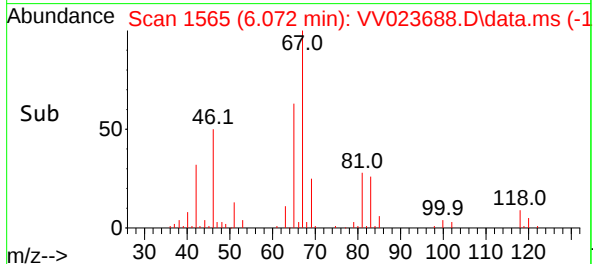
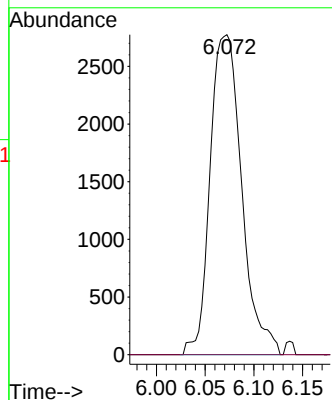
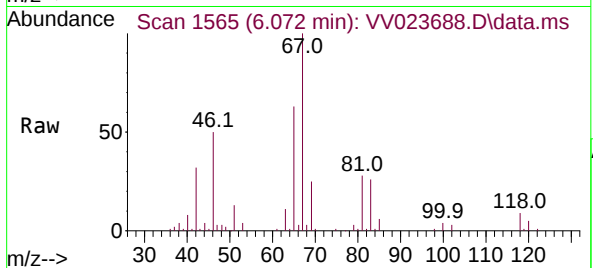
ClientSampleId :

Tgt Ion: 63 Resp: 6262

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023688.D

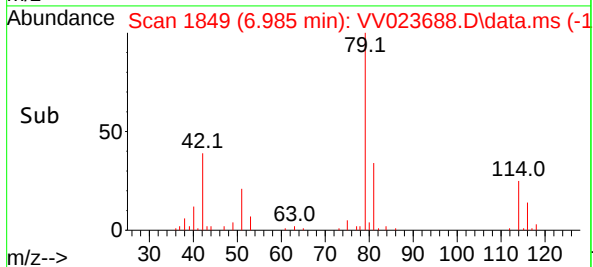
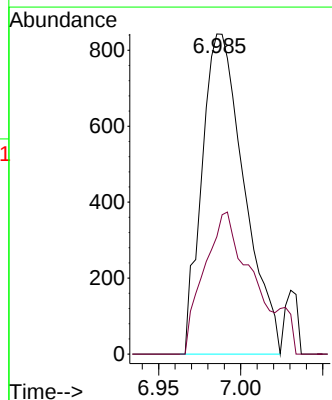
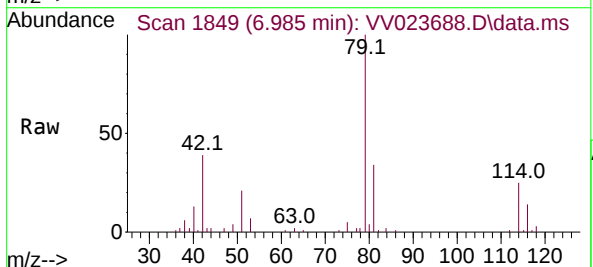
Acq: 23 Nov 2021 22:05

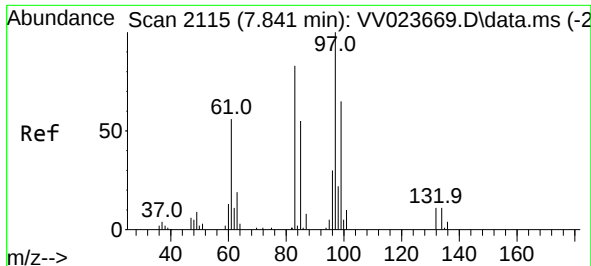
Tgt Ion: 75 Resp: 1507

Ion Ratio Lower Upper

75 100

77 36.7 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 0.145 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.129 min

Lab File: VV023688.D

Acq: 23 Nov 2021 22:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 969

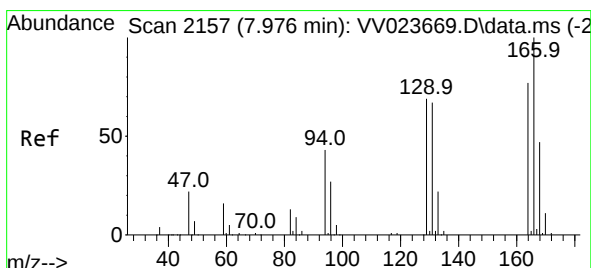
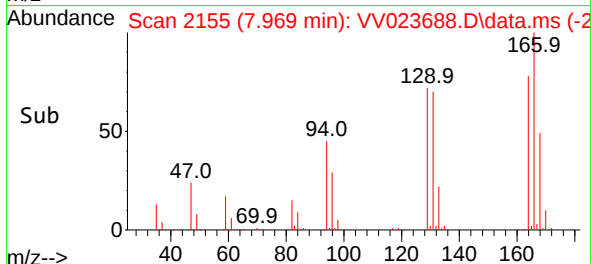
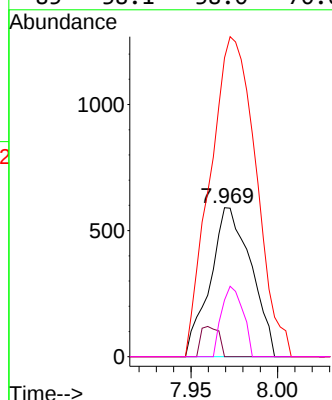
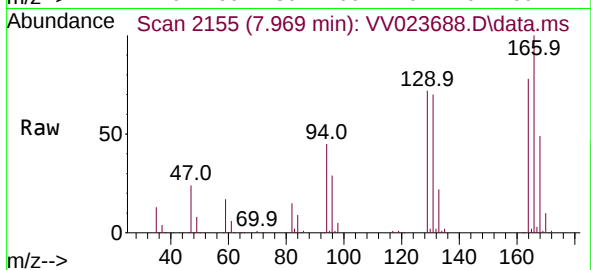
Ion Ratio Lower Upper

97 100

99 0.0 43.1 80.1#

83 200.5 57.9 107.5#

85 38.1 38.0 70.6



#47

Tetrachloroethene

Concen: 10.893 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023688.D

Acq: 23 Nov 2021 22:05

Tgt Ion:164 Resp: 107844

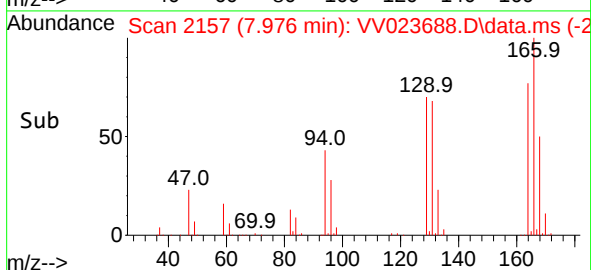
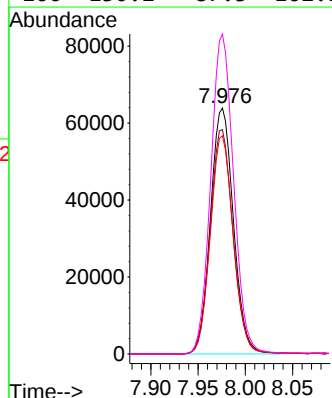
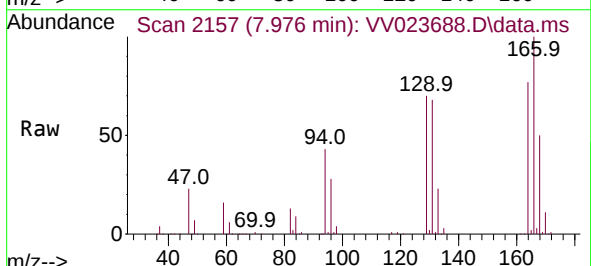
Ion Ratio Lower Upper

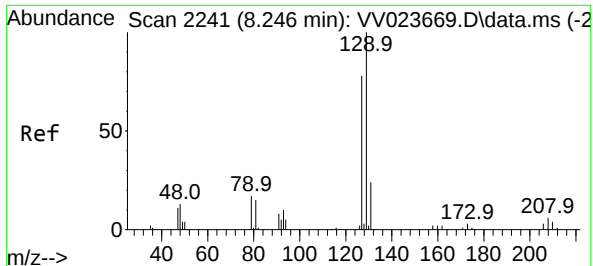
164 100

129 91.2 62.6 116.2

131 88.7 61.0 113.4

166 130.2 87.3 162.1





#49

Dibromochloromethane

Concen: 10.330 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023688.D

Acq: 23 Nov 2021 22:05

Instrument :

MSVOA_V

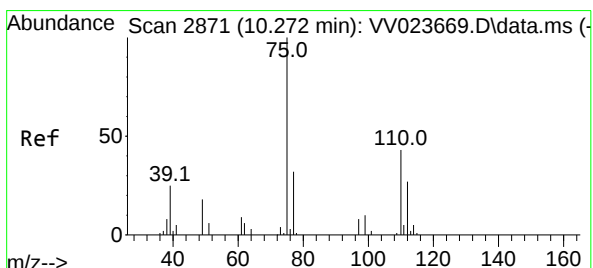
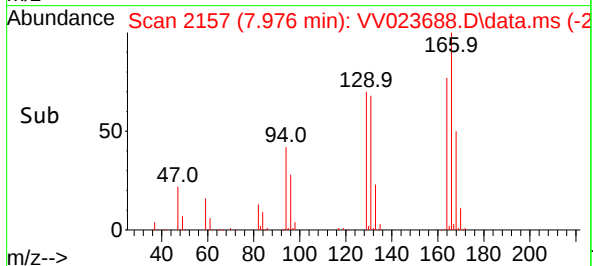
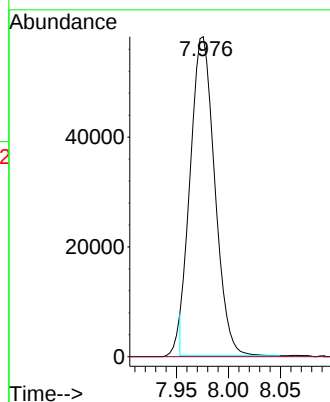
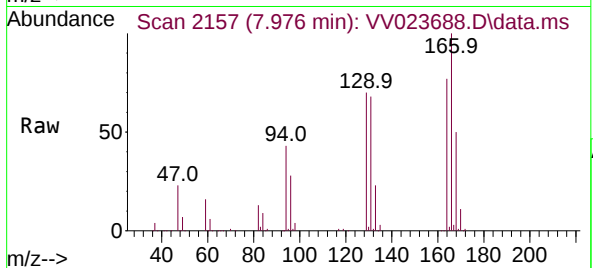
ClientSampleId :

Tgt Ion:129 Resp: 94602

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.487 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023688.D

Acq: 23 Nov 2021 22:05

Tgt Ion: 75 Resp: 7036

Ion Ratio Lower Upper

75 100

77 32.4 26.4 39.6

110 2.9 34.2 51.2#

