

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024597.D
 Acq On : 11 Feb 2022 12:11
 Operator : SY/MD
 Sample : N1476-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 13:02:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

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

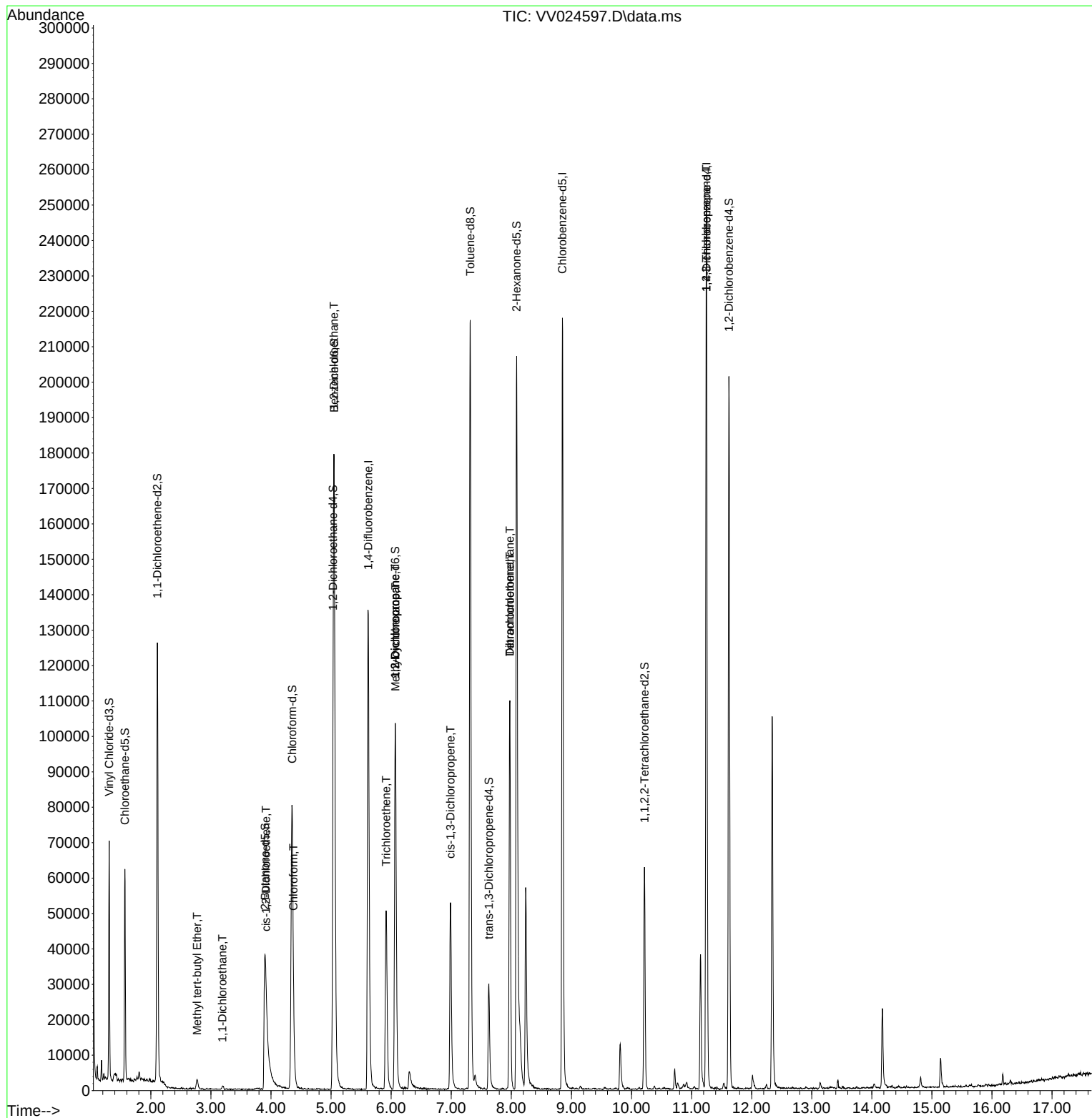
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116645	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39165	4.006	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.568	69	37476	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.108	63	65326	3.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	3.899	46	88991	54.826	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.660%
24) Chloroform-d	4.352	84	81897	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.034	65	39979	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.050	84	165072	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.069	67	51318	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.317	98	145724	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.625	79	18582	4.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.088	63	75123	51.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30733	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	46805	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.770	73	2842	0.114	ug/L #	83
19) 1,1-Dichloroethane	3.191	63	1252	0.061	ug/L #	94
22) cis-1,2-Dichloroethene	3.915	96	804	0.067	ug/L	93
25) Chloroform	4.372	83	5470	0.255	ug/L	91
27) 1,2-Dichloroethane	5.047	62	850	0.072	ug/L #	73
34) Trichloroethene	5.915	95	17461	1.399	ug/L	88
35) Methylcyclohexane	6.072	83	11958	0.579	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5703	0.519	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1575	0.094	ug/L #	55
47) Tetrachloroethene	7.976	164	22378	2.702	ug/L	93
49) Dibromochloromethane	7.976	129	22539	2.621	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8714	1.510	ug/L #	64

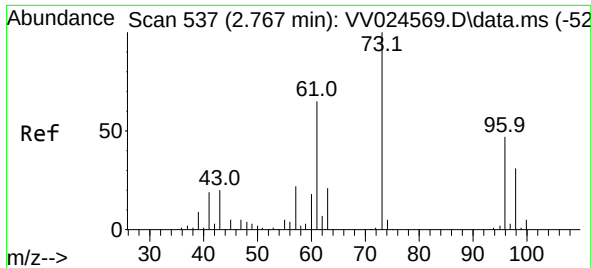
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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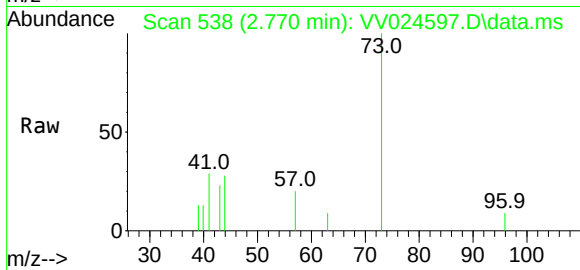
Quant Time: Feb 11 13:02:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
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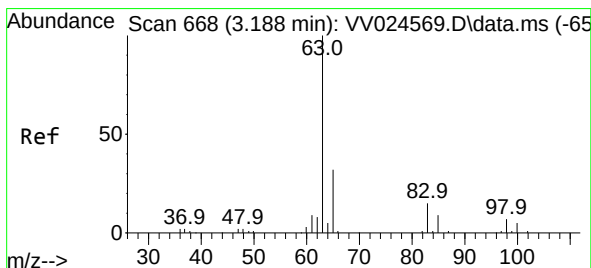
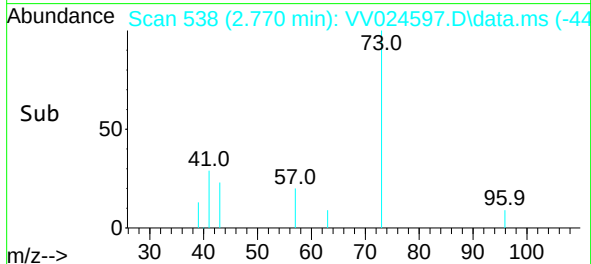
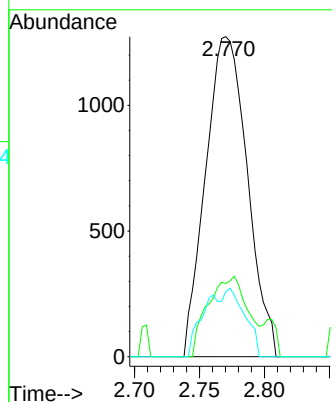


#17
Methyl tert-butyl Ether
Concen: 0.114 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024597.D
Acq: 11 Feb 2022 12:11

Instrument :
MSVOA_V
ClientSampleId :

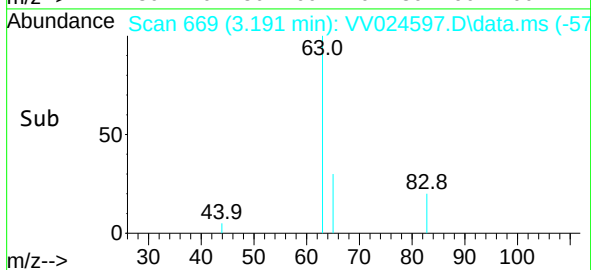
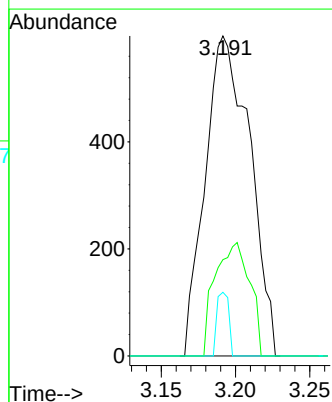
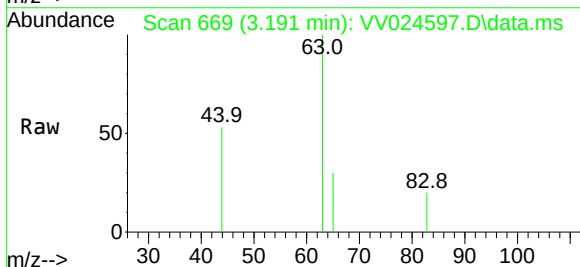


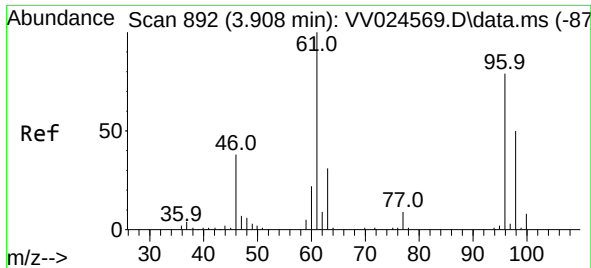
Tgt Ion: 73 Resp: 2842
Ion Ratio Lower Upper
73 100
43 24.0 15.5 23.3#
57 10.6 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 0.061 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024597.D
Acq: 11 Feb 2022 12:11

Tgt Ion: 63 Resp: 1252
Ion Ratio Lower Upper
63 100
65 30.1 22.3 41.3
83 19.9 10.7 19.9#





#22

cis-1,2-Dichloroethene

Concen: 0.067 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.006 min

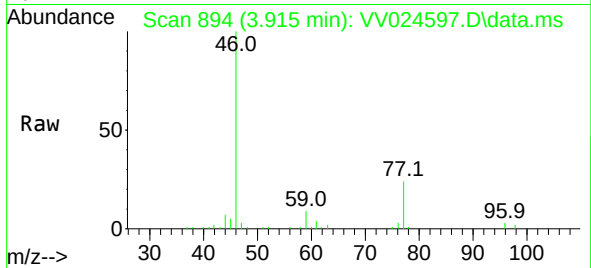
Lab File: VV024597.D

Acq: 11 Feb 2022 12:11

Instrument :

MSVOA_V

ClientSampleId :



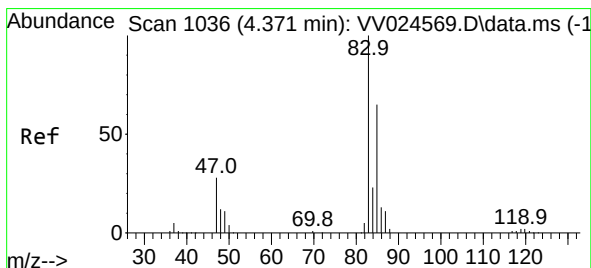
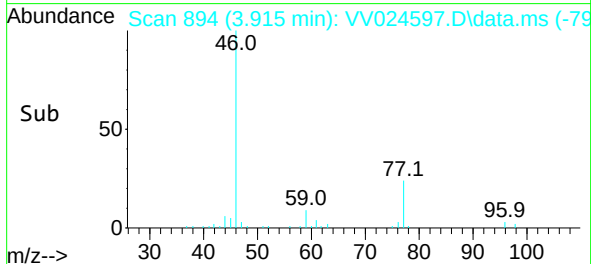
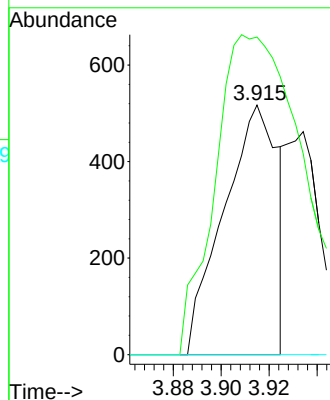
Tgt Ion: 96 Resp: 804

Ion Ratio Lower Upper

96 100

61 127.3 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.255 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV024597.D

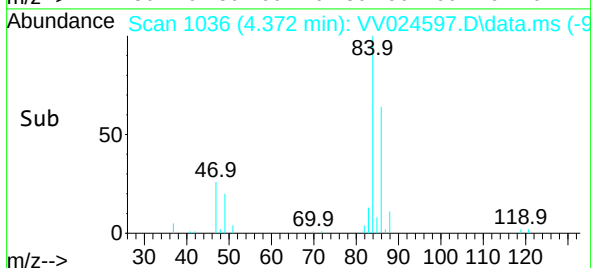
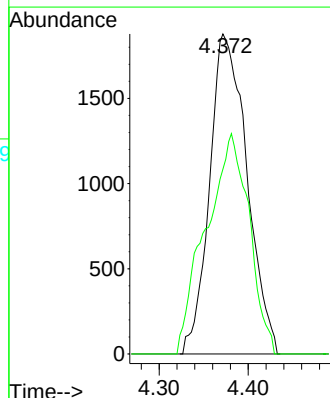
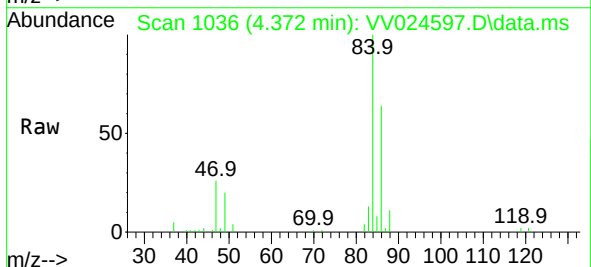
Acq: 11 Feb 2022 12:11

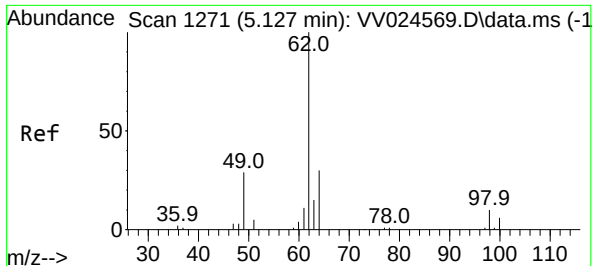
Tgt Ion: 83 Resp: 5470

Ion Ratio Lower Upper

83 100

85 57.8 45.2 84.0

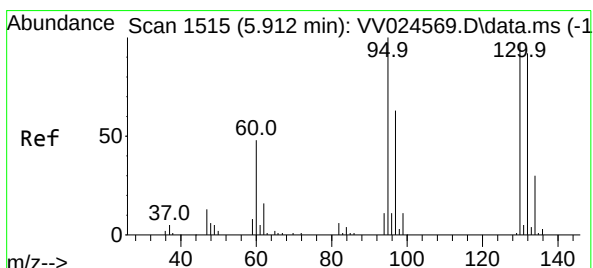
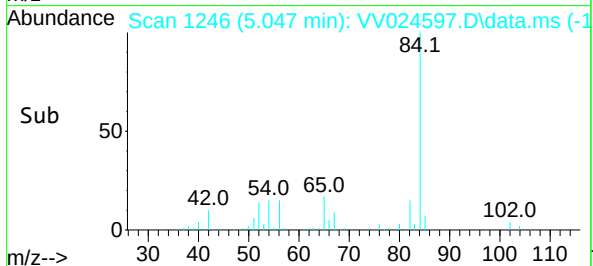
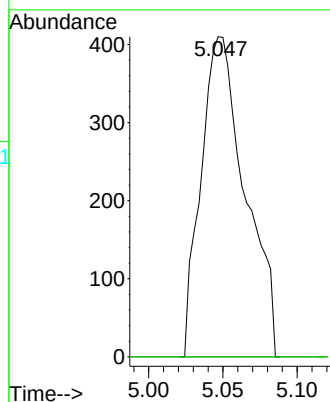
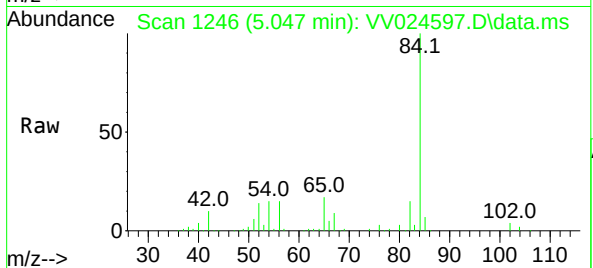




#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV024597.D
Acq: 11 Feb 2022 12:11

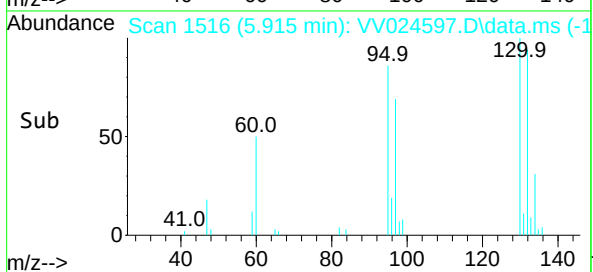
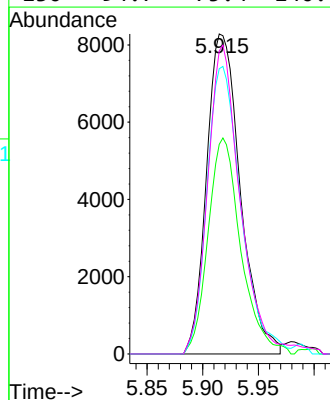
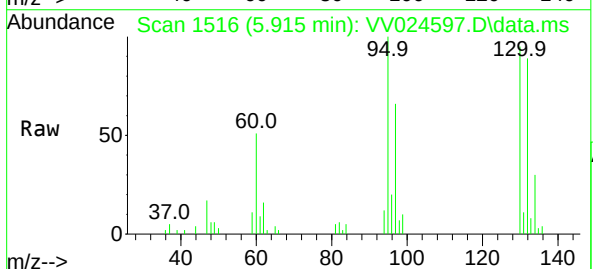
Instrument :
MSVOA_V
ClientSampleId :

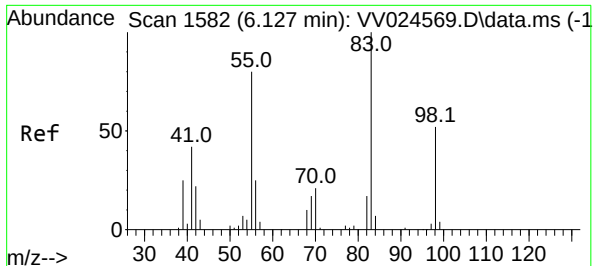
Tgt Ion: 62 Resp: 850
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#34
Trichloroethene
Concen: 1.399 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV024597.D
Acq: 11 Feb 2022 12:11

Tgt Ion: 95 Resp: 17461
Ion Ratio Lower Upper
95 100
97 65.5 45.2 84.0
132 89.1 76.1 141.3
130 94.7 75.4 140.0





#35

Methylcyclohexane

Concen: 0.579 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV024597.D

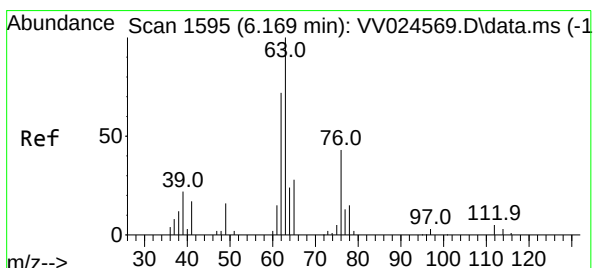
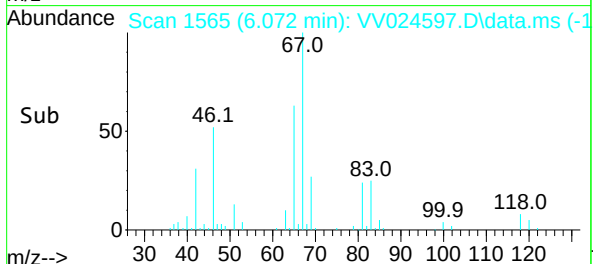
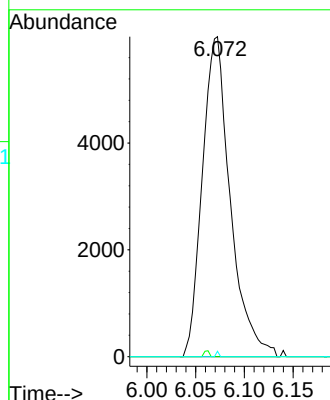
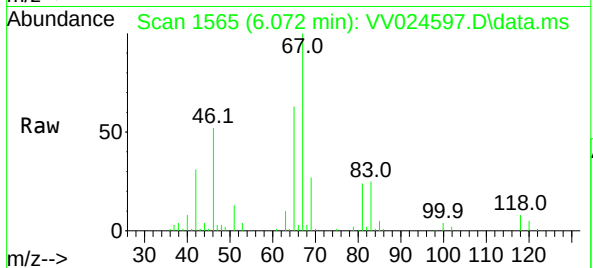
Acq: 11 Feb 2022 12:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 11958
Ion Ratio	Lower Upper
83 100	
55 0.3	60.2 90.2#
98 1.5	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.519 ug/L

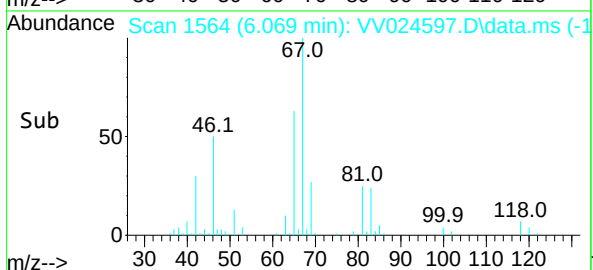
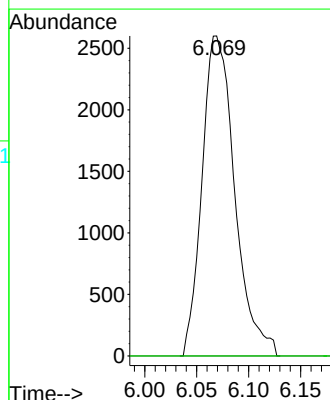
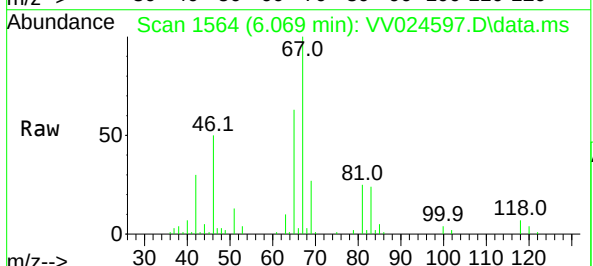
RT: 6.069 min Scan# 1564

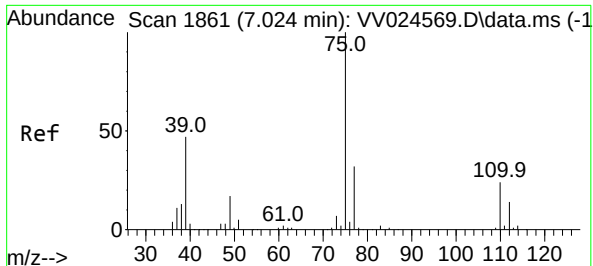
Delta R.T. -0.100 min

Lab File: VV024597.D

Acq: 11 Feb 2022 12:11

Tgt Ion: 63	Resp: 5703
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024597.D

Acq: 11 Feb 2022 12:11

Instrument :

MSVOA_V

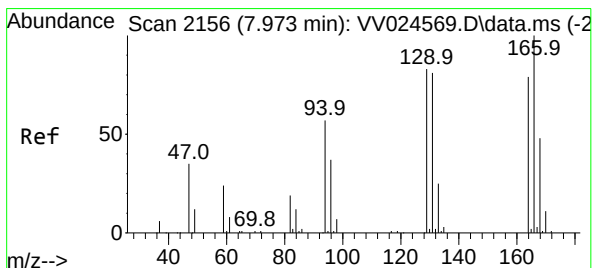
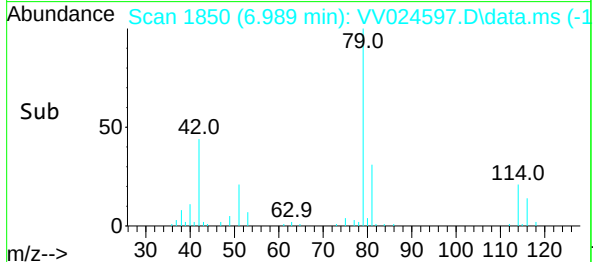
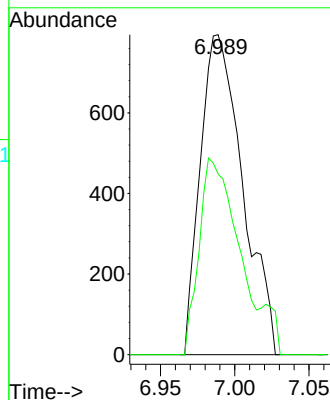
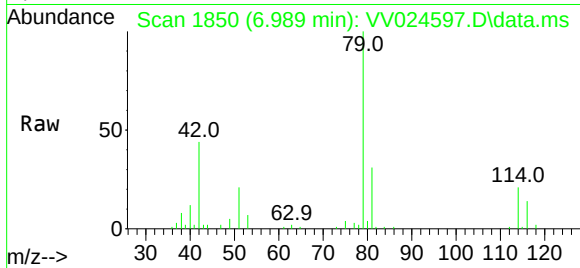
ClientSampleId :

Tgt Ion: 75 Resp: 1575

Ion Ratio Lower Upper

75 100

77 56.4 22.0 41.0#



#47

Tetrachloroethene

Concen: 2.702 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024597.D

Acq: 11 Feb 2022 12:11

Tgt Ion:164 Resp: 22378

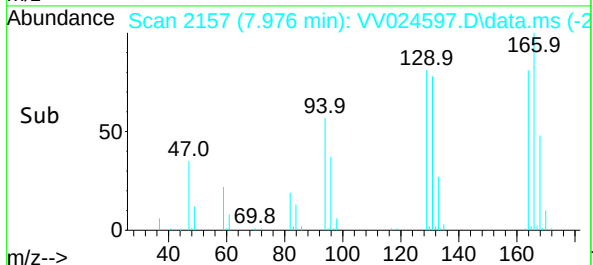
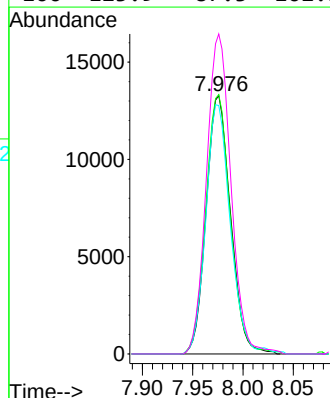
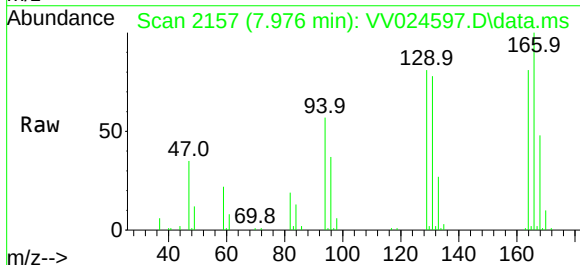
Ion Ratio Lower Upper

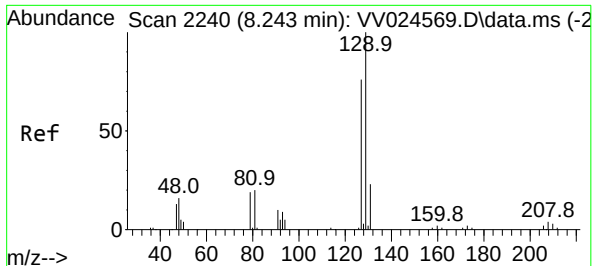
164 100

129 100.4 62.6 116.2

131 96.2 61.0 113.4

166 123.9 87.3 162.1





#49

Dibromochloromethane

Concen: 2.621 ug/L

RT: 7.976 min Scan# 21

Delta R.T. -0.267 min

Lab File: VV024597.D

Acq: 11 Feb 2022 12:11

Instrument :

MSVOA_V

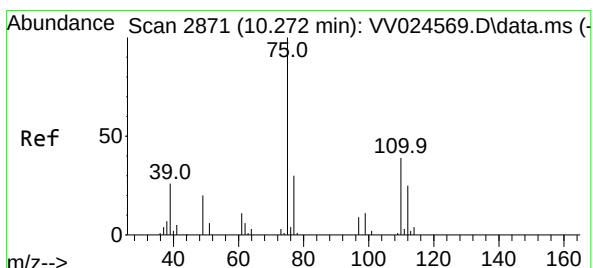
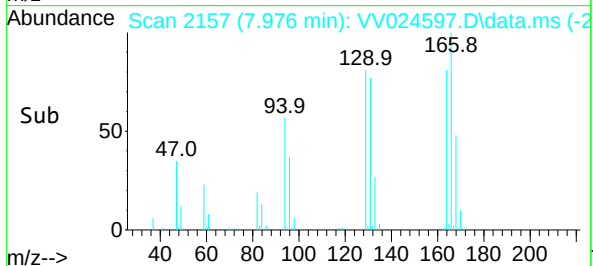
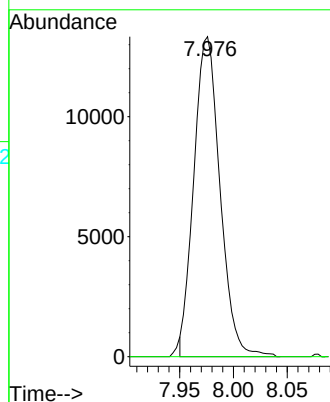
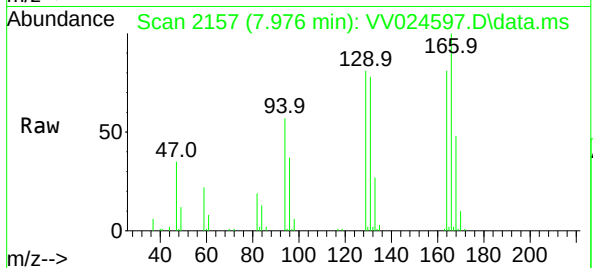
ClientSampleId :

Tgt Ion:129 Resp: 22539

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.510 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024597.D

Acq: 11 Feb 2022 12:11

Tgt Ion: 75 Resp: 8714

Ion Ratio Lower Upper

75 100

77 32.4 26.4 39.6

110 2.7 34.2 51.2#

