

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023598.D
 Acq On : 18 Nov 2021 12:48
 Operator : SY/MD
 Sample : M4627-15DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:12:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

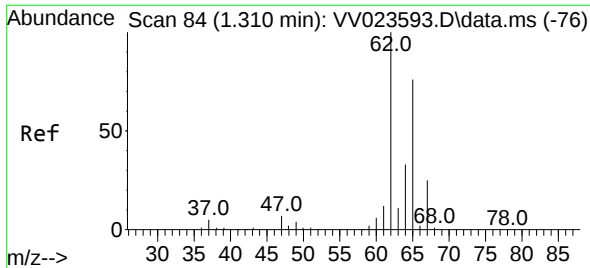
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48948	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37010	5.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%
7) Chloroethane-d5	1.565	69	29615	5.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.105	63	51505	4.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.902	46	39500	33.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.740%
24) Chloroform-d	4.349	84	64727	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.034	65	32451	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.050	84	127948	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.069	67	37330	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.317	98	109841	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.629	79	13124	4.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.092	63	45254	39.907	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24335	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	41109	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%

Target Compounds				Qvalue		
5) Vinyl chloride	1.307	62	2069	0.228	ug/L #	44
12) 1,1-Dichloroethene	2.114	96	513	0.078	ug/L #	1
16) Methylene chloride	2.507	84	10802	1.132	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	8850	0.615	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	966	0.120	ug/L	84
22) cis-1,2-Dichloroethene	3.915	96	21047	2.720	ug/L #	86
27) 1,2-Dichloroethane	5.053	62	681	0.088	ug/L #	72
34) Trichloroethene	5.915	95	33480	4.186	ug/L	98
35) Methylcyclohexane	6.069	83	9752	0.772	ug/L #	25
37) 1,2-Dichloropropane	6.069	63	4477	0.638	ug/L #	83
39) cis-1,3-Dichloropropene	6.986	75	1150	0.114	ug/L #	77
47) Tetrachloroethene	7.979	164	1114	0.161	ug/L	76
48) 2-Hexanone	8.140	43	2796	1.225	ug/L #	57
49) Dibromochloromethane	7.979	129	878	0.137	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	4951	1.523	ug/L #	65

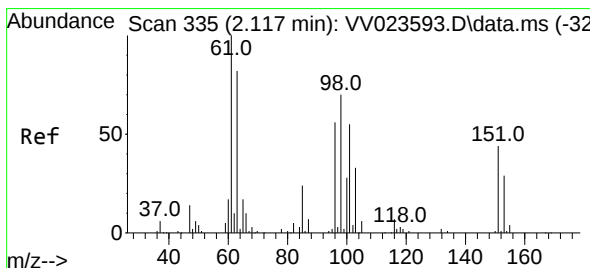
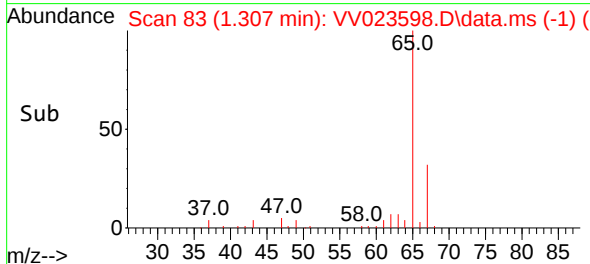
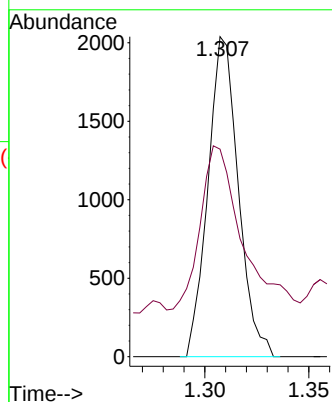
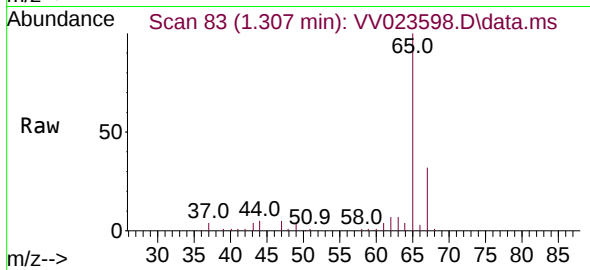
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.228 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023598.D
 Acq: 18 Nov 2021 12:48

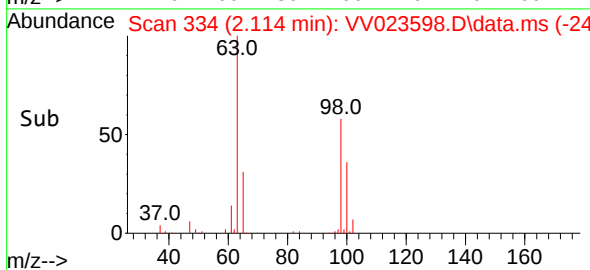
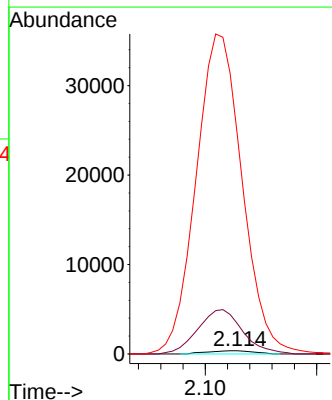
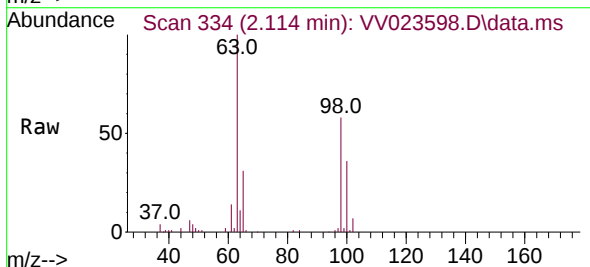
Instrument :
 MSVOA_V
 ClientSampleId :

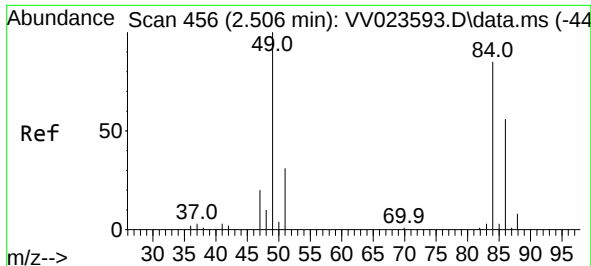
Tgt Ion: 62 Resp: 2069
 Ion Ratio Lower Upper
 62 100
 64 64.8 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.078 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023598.D
 Acq: 18 Nov 2021 12:48

Tgt Ion: 96 Resp: 513
 Ion Ratio Lower Upper
 96 100
 61 966.4 121.5 225.7#
 63 6955.9 99.6 185.0#

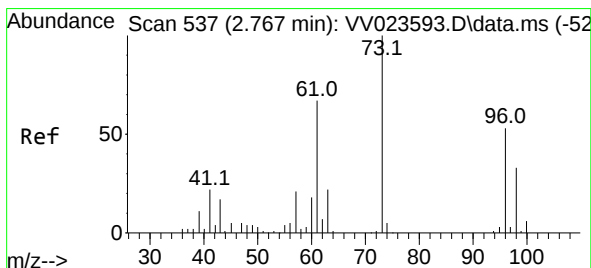
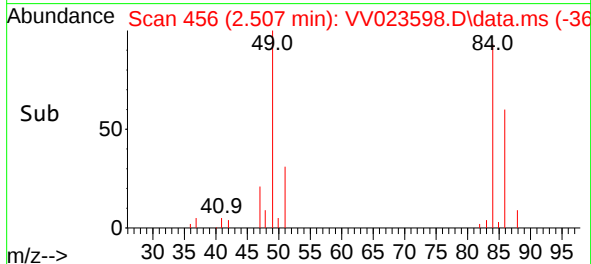
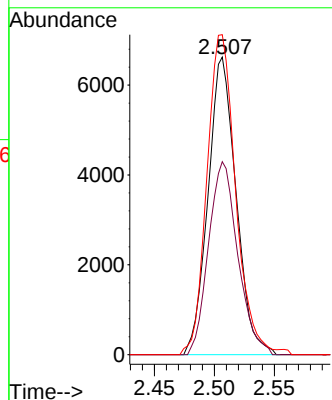
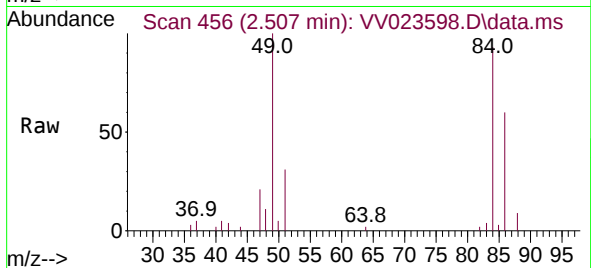




#16
Methylene chloride
Concen: 1.132 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

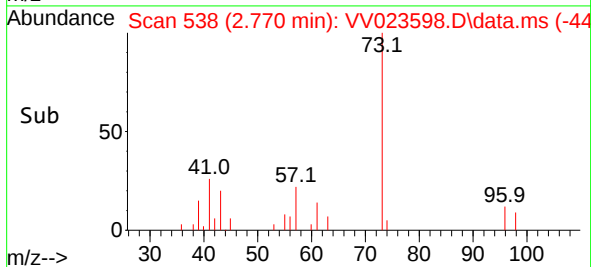
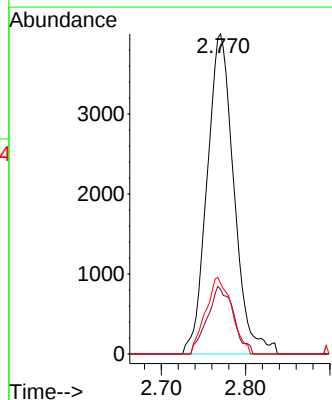
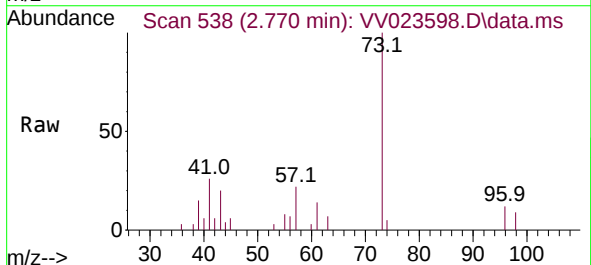
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ClientSampleId :

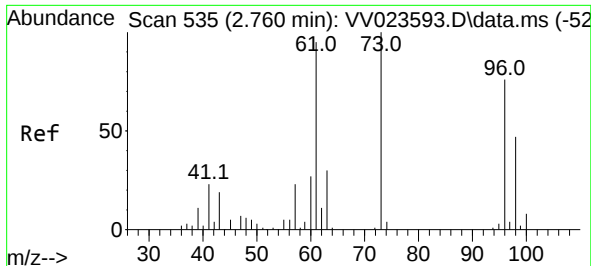
Tgt Ion: 84 Resp: 10802
Ion Ratio Lower Upper
84 100
86 64.8 42.3 78.5
49 107.5 79.7 148.1



#17
Methyl tert-butyl Ether
Concen: 0.615 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

Tgt Ion: 73 Resp: 8850
Ion Ratio Lower Upper
73 100
43 20.5 17.4 26.0
57 23.2 16.5 24.7

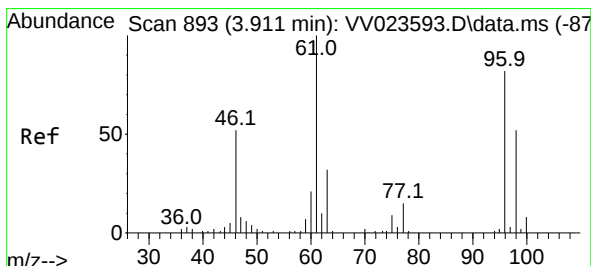
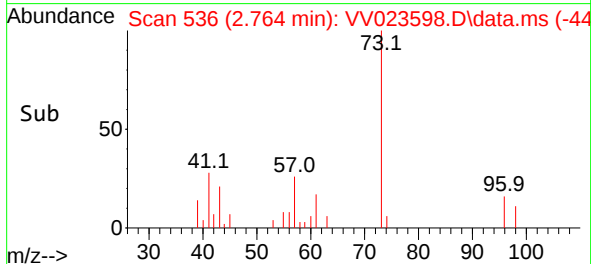
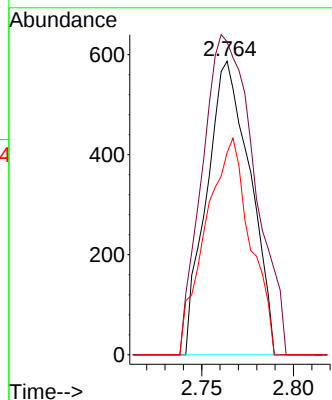
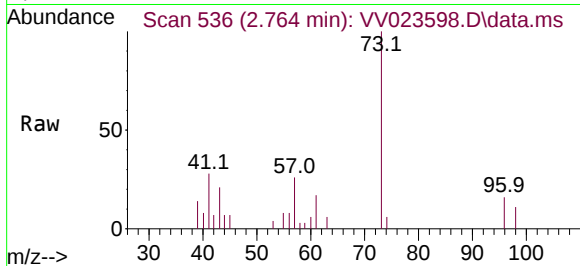




#18
trans-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

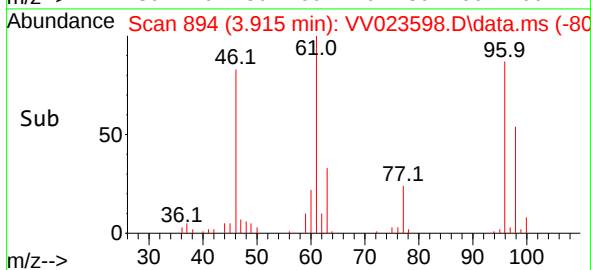
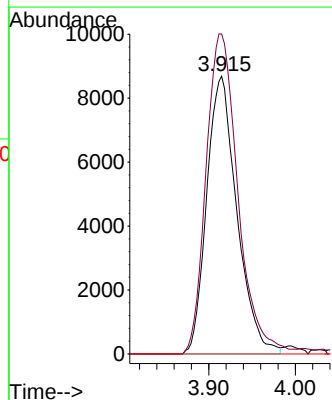
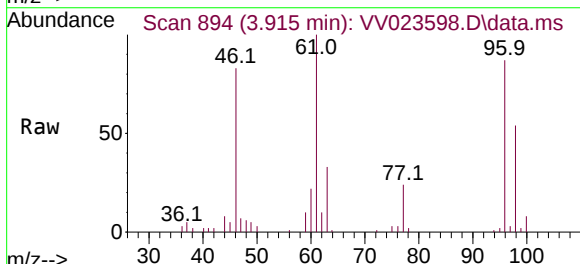
Instrument :
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ClientSampleId :

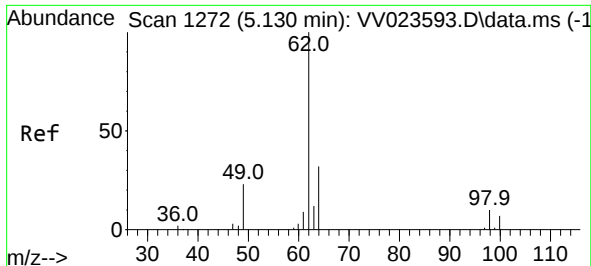
Tgt Ion: 96 Resp: 966
Ion Ratio Lower Upper
96 100
61 106.6 93.2 173.2
98 68.8 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 2.720 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

Tgt Ion: 96 Resp: 21047
Ion Ratio Lower Upper
96 100
61 115.2 92.3 171.3
68 0.0 0.4 0.8#

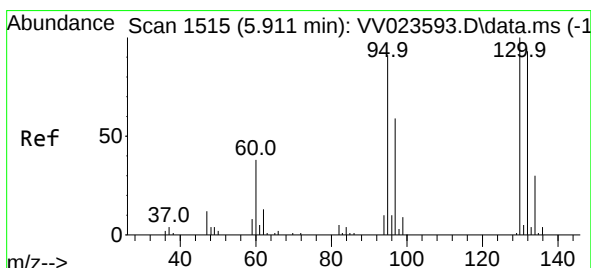
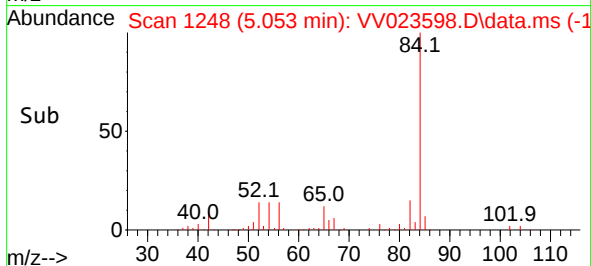
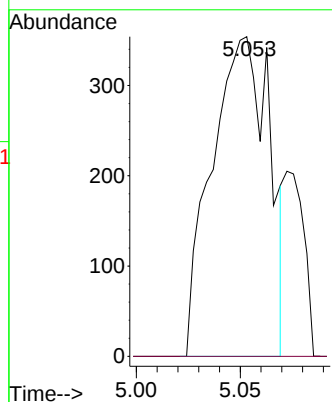
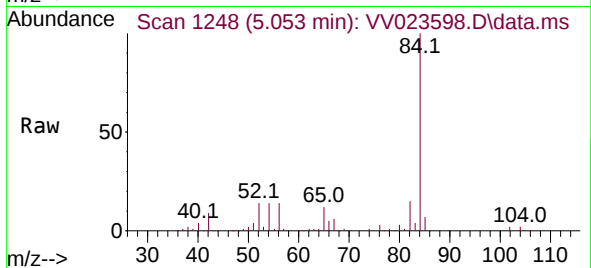




#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.053 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

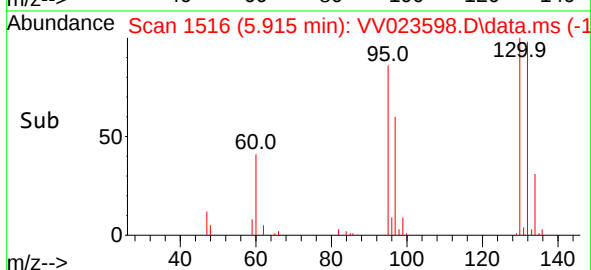
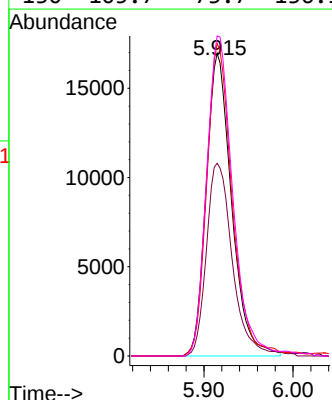
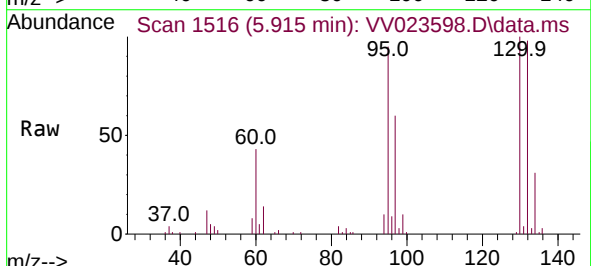
Instrument :
MSVOA_V
ClientSampleId :

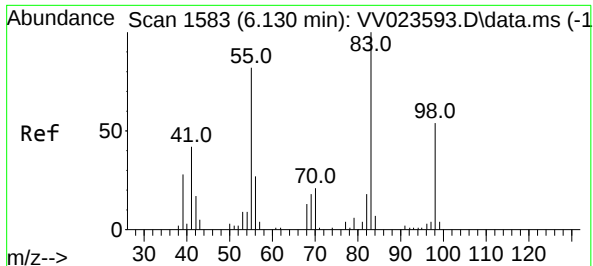
Tgt Ion: 62 Resp: 681
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 4.186 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

Tgt Ion: 95 Resp: 33480
Ion Ratio Lower Upper
95 100
97 63.6 45.0 83.6
132 103.2 69.7 129.4
130 105.7 73.7 136.9

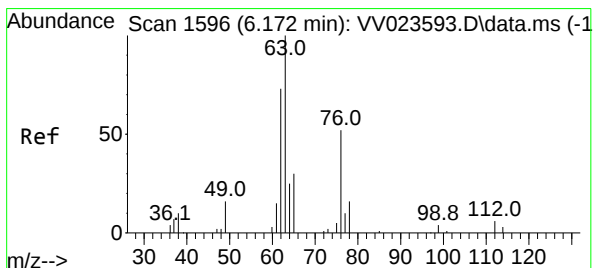
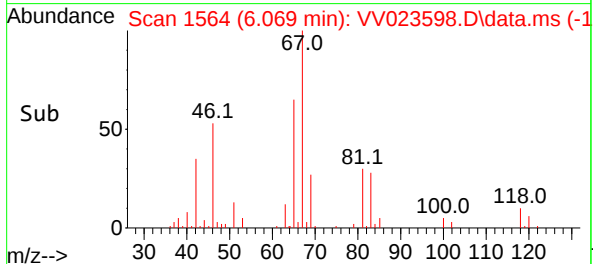
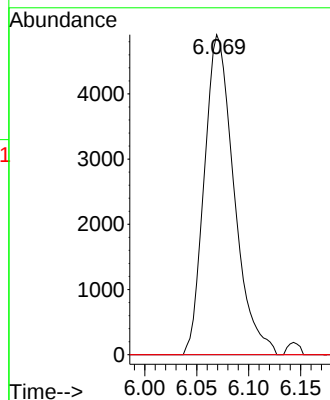
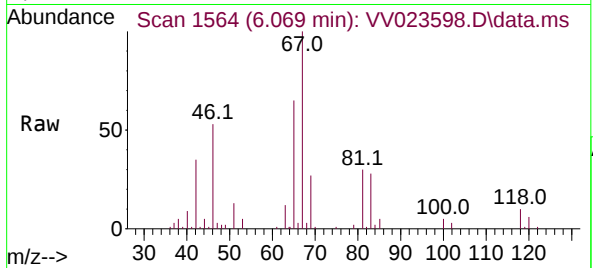




#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

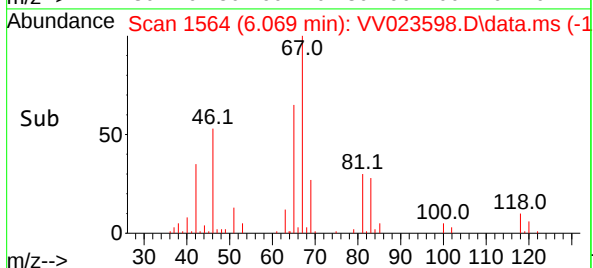
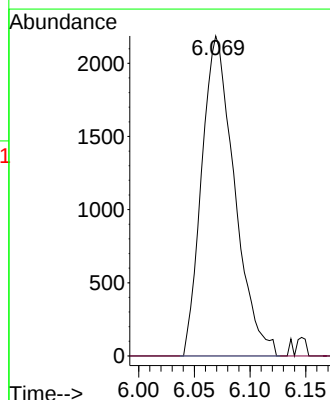
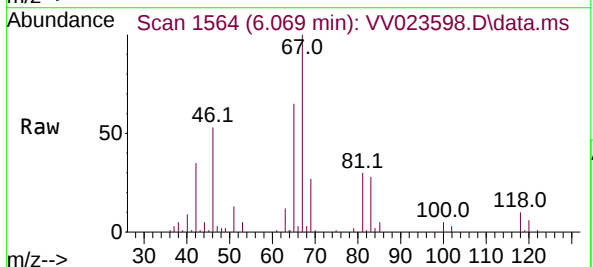
Instrument :
MSVOA_V
ClientSampleId :

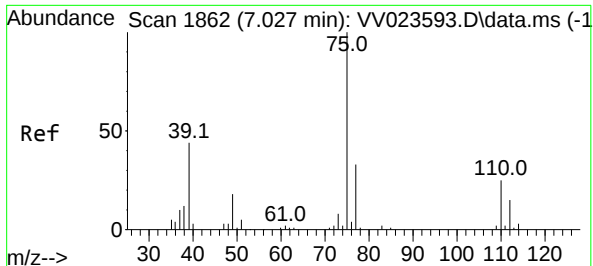
Tgt Ion: 83 Resp: 9752
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 13.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

Tgt Ion: 63 Resp: 4477
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023598.D

Acq: 18 Nov 2021 12:48

Instrument :

MSVOA_V

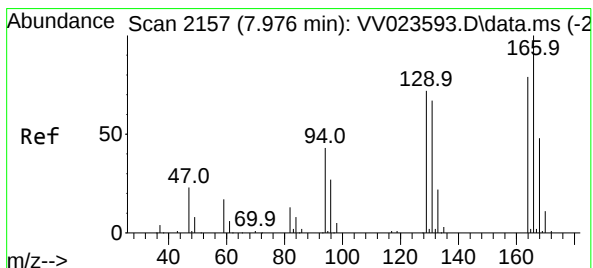
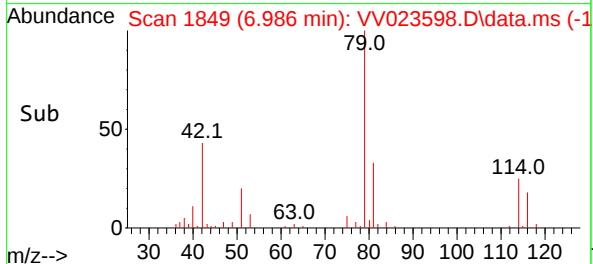
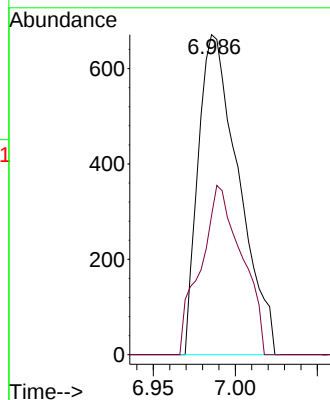
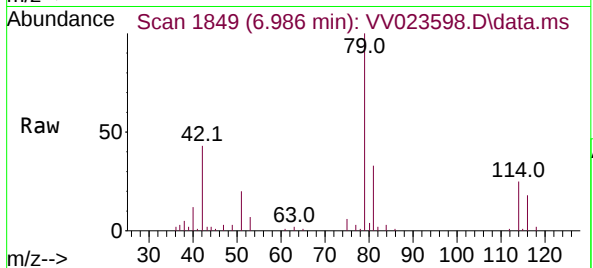
ClientSampleId :

Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

75 100

77 43.5 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.161 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023598.D

Acq: 18 Nov 2021 12:48

Tgt Ion: 164 Resp: 1114

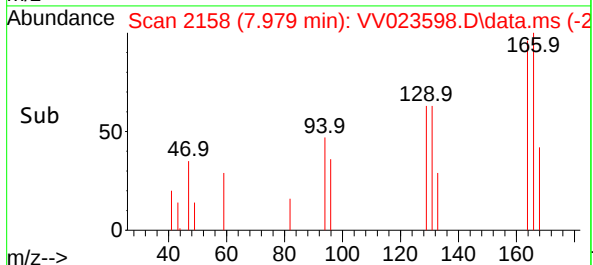
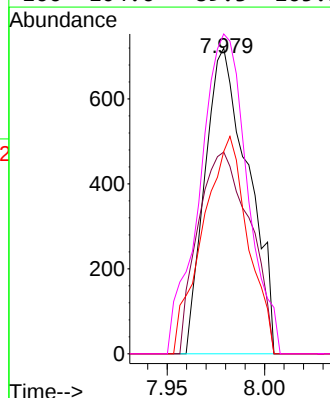
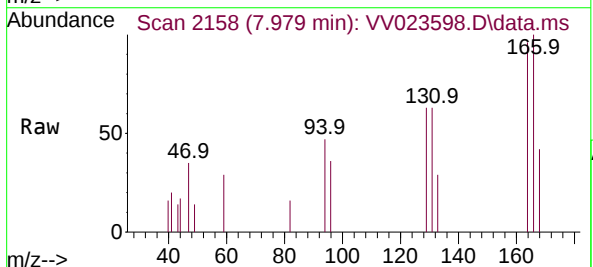
Ion Ratio Lower Upper

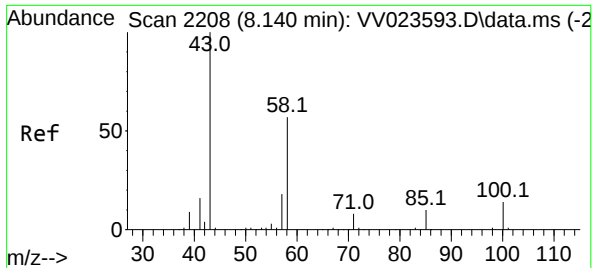
164 100

129 66.0 64.0 119.0

131 66.1 63.4 117.8

166 104.6 89.3 165.9

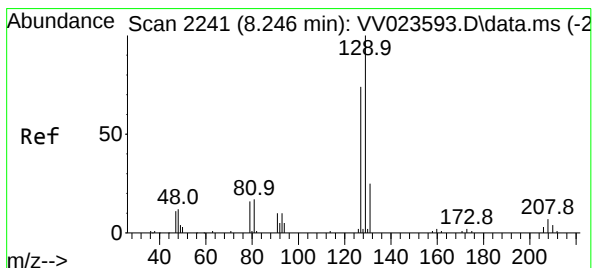
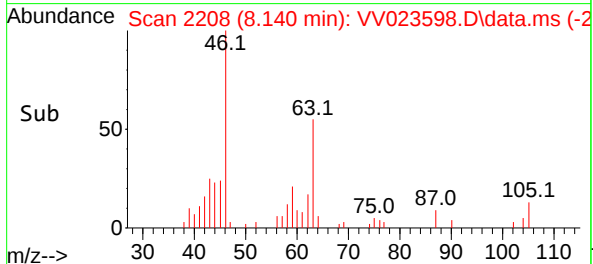
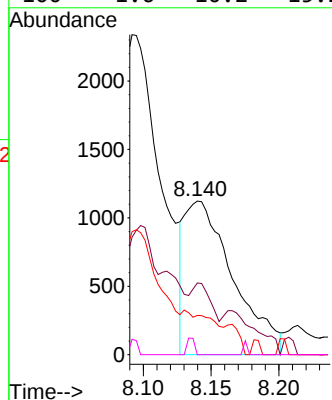
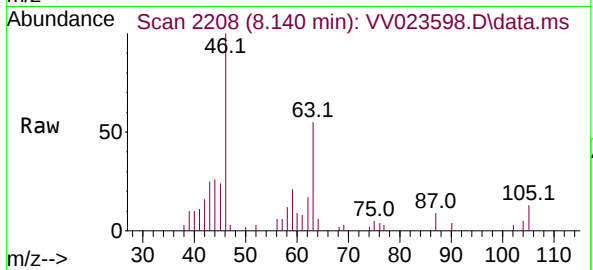




#48
2-Hexanone
Concen: 1.225 ug/L
RT: 8.140 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

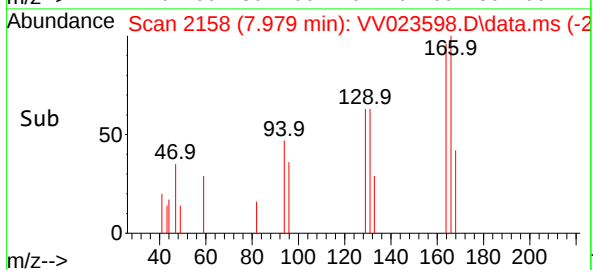
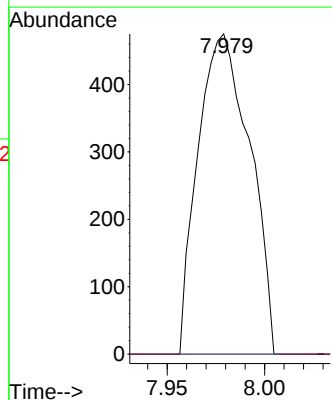
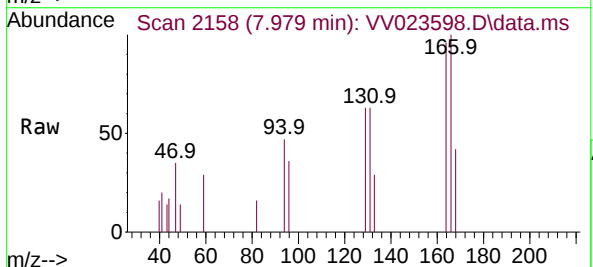
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MSVOA_V
ClientSampleId :

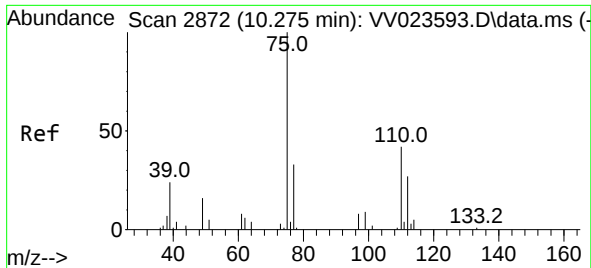
Tgt Ion: 43	Resp:	2796
Ion Ratio	Lower	Upper
43	100	
58	20.3	43.7 65.5#
57	0.0	14.1 21.1#
100	1.6	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.137 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023598.D
Acq: 18 Nov 2021 12:48

Tgt Ion: 129	Resp:	878
Ion Ratio	Lower	Upper
129	100	
127	0.0	54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.523 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

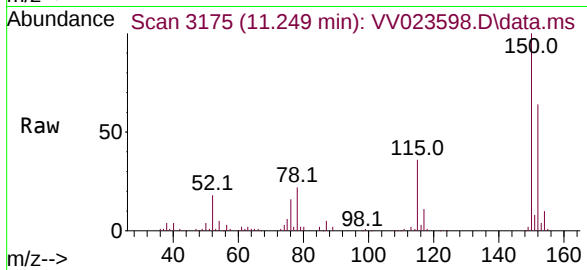
Lab File: VV023598.D

Acq: 18 Nov 2021 12:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4951

Ion Ratio Lower Upper

75 100

77 36.9 26.6 39.8

110 3.3 31.8 47.6#

