

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025176.D
 Acq On : 25 Mar 2022 14:08
 Operator : SY/MD
 Sample : N2083-04DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7DL

Quant Time: Mar 25 23:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

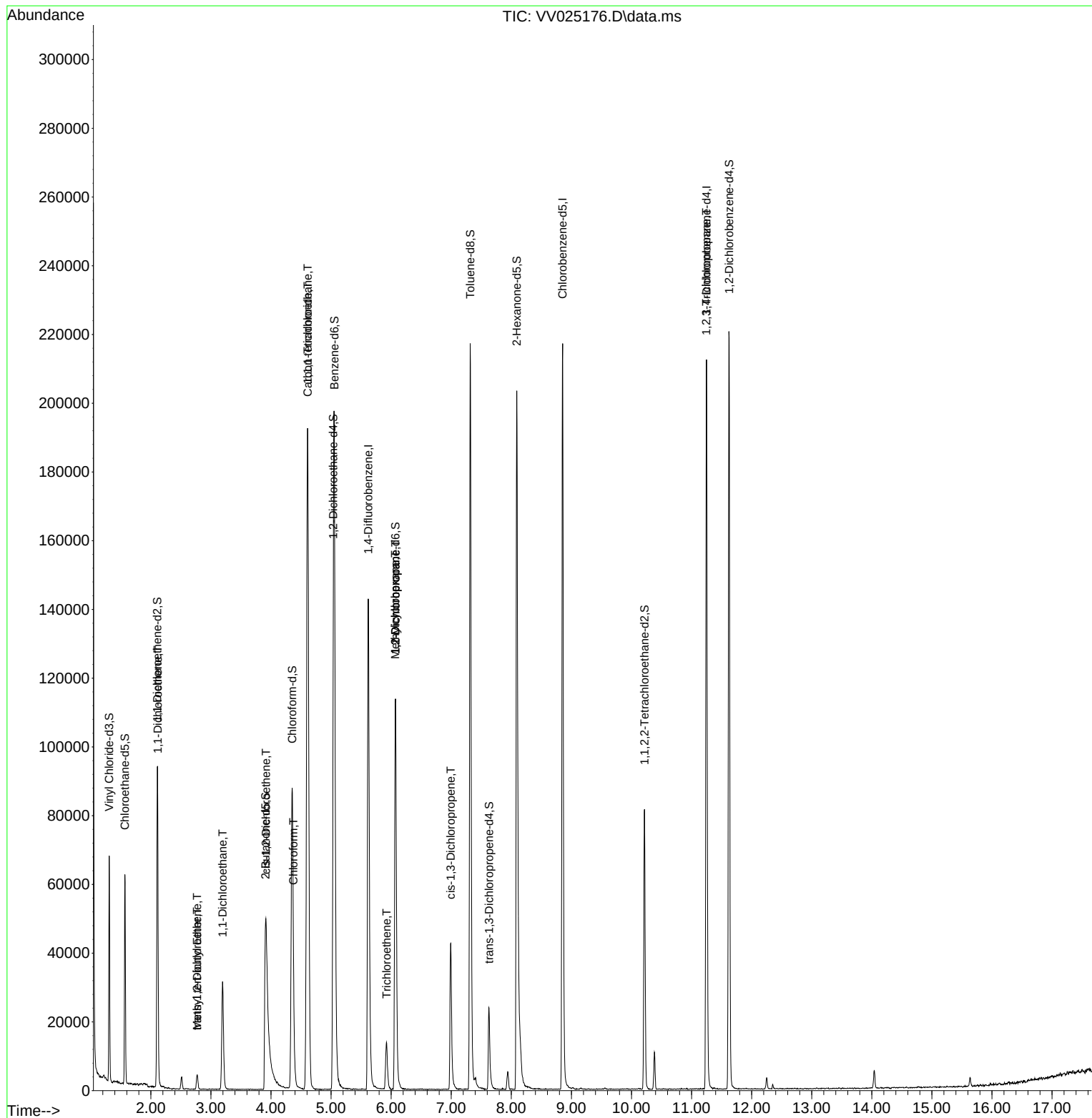
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134153	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40888	3.861	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.568	69	39536	5.098	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.108	63	49189	2.874	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.400%#	
20) 2-Butanone-d5	3.908	46	100681	78.658	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	157.320%#	
24) Chloroform-d	4.352	84	98156	5.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.800%	
26) 1,2-Dichloroethane-d4	5.037	65	43230	5.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.800%	
32) Benzene-d6	5.053	84	192276	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
36) 1,2-Dichloropropane-d6	6.072	67	60235	5.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.200%	
41) Toluene-d8	7.316	98	149153	4.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	7.628	79	17086	4.524	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.091	63	82140	63.755	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42317	6.639	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	132.800%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	57768	5.791	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1579	0.185	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	1978	0.106	ug/L	97
18) trans-1,2-Dichloroethene	2.770	96	1146	0.111	ug/L	85
19) 1,1-Dichloroethane	3.194	63	33103	1.891	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	8375	0.807	ug/L	97
25) Chloroform	4.371	83	2566	0.141	ug/L	76
29) 1,1,1-Trichloroethane	4.609	97	165975	10.020	ug/L	99
31) Carbon tetrachloride	4.612	117	21876	1.539	ug/L	98
34) Trichloroethene	5.924	95	4427	0.394	ug/L	89
35) Methylcyclohexane	6.069	83	14961	0.840	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6347	0.654	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1086	0.081	ug/L #	47
61) 1,2,3-Trichloropropane	11.246	75	6480	1.308	ug/L #	66

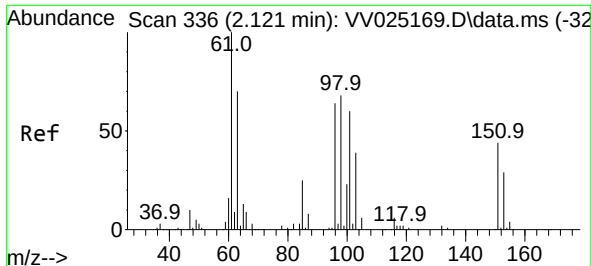
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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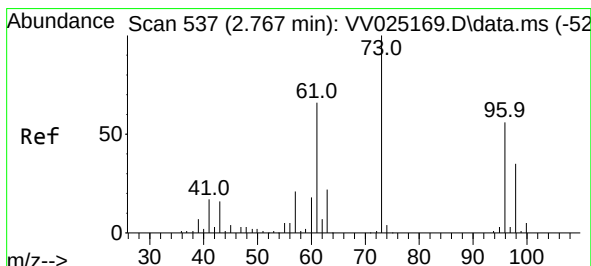
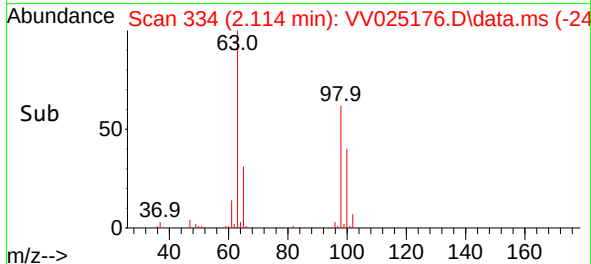
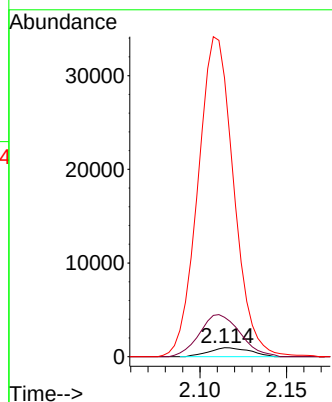
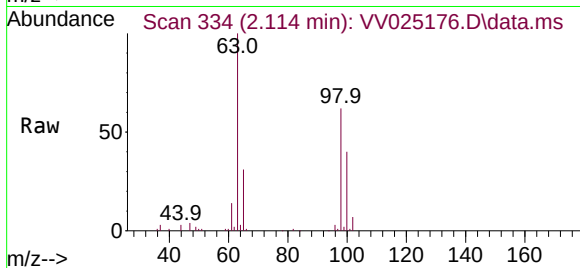




#12
1,1-Dichloroethene
Concen: 0.185 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV025176.D
Acq: 25 Mar 2022 14:08

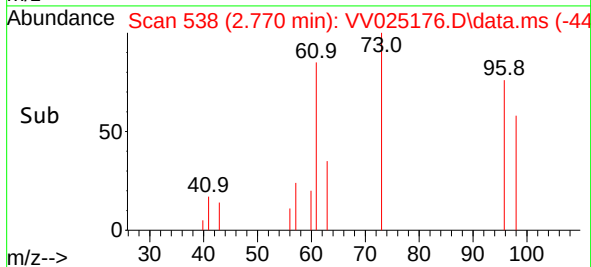
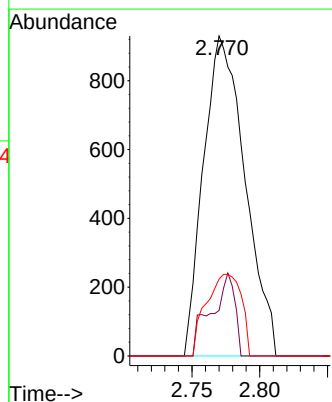
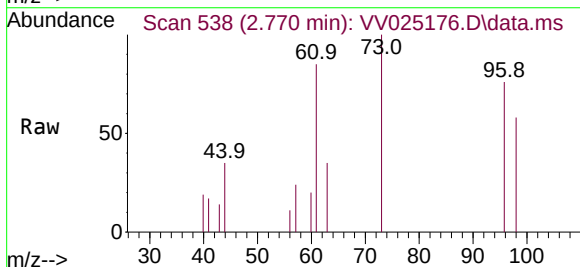
Instrument :
MSVOA_V
ClientSampleId :
EW5Z7DL

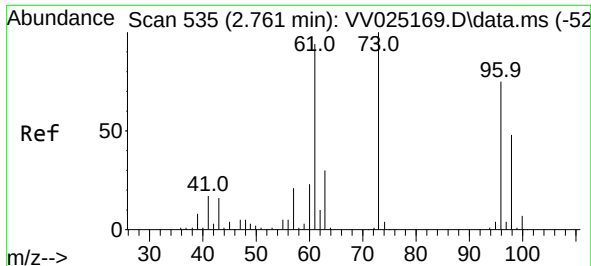
Tgt Ion: 96 Resp: 1579
Ion Ratio Lower Upper
96 100
61 440.9 113.0 209.9#
63 3118.7 82.1 152.5#



#17
Methyl tert-butyl Ether
Concen: 0.106 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025176.D
Acq: 25 Mar 2022 14:08

Tgt Ion: 73 Resp: 1978
Ion Ratio Lower Upper
73 100
43 14.7 13.2 19.8
57 21.5 16.7 25.1

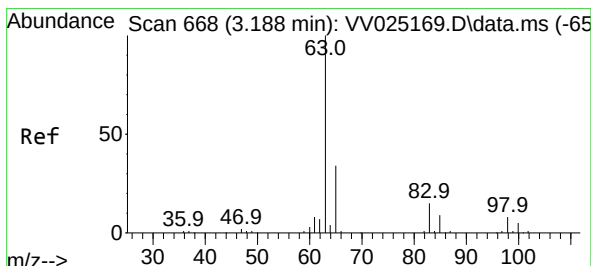
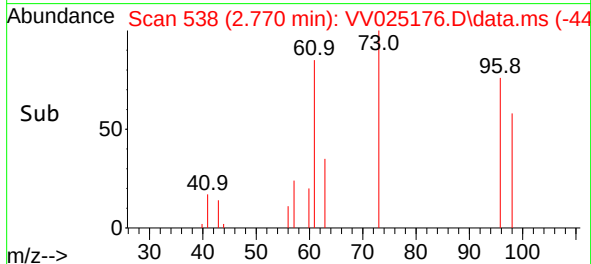
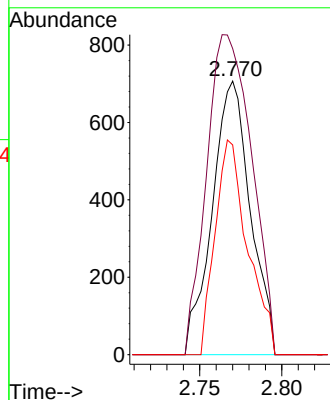
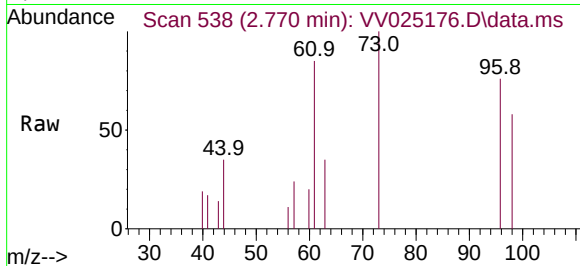




#18
trans-1,2-Dichloroethene
Concen: 0.111 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.009 min
Lab File: VV025176.D
Acq: 25 Mar 2022 14:08

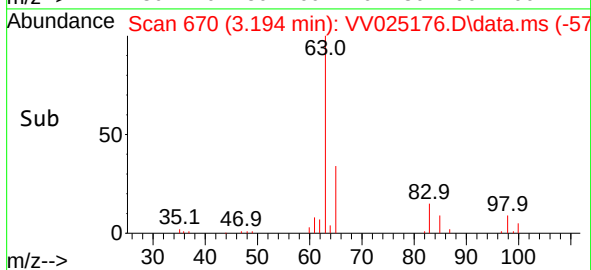
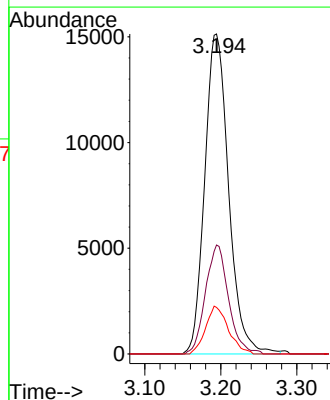
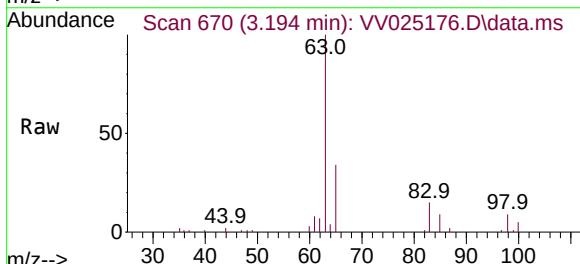
Instrument :
MSVOA_V
ClientSampleId :
EW5Z7DL

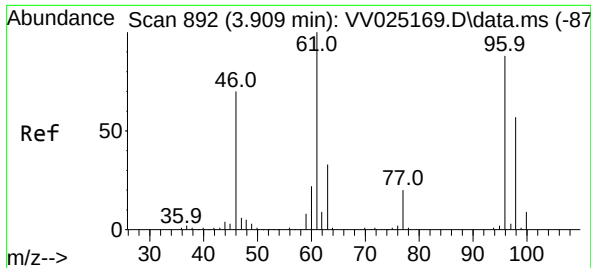
Tgt Ion: 96 Resp: 1146
Ion Ratio Lower Upper
96 100
61 111.9 89.2 165.6
98 76.7 43.9 81.5



#19
1,1-Dichloroethane
Concen: 1.891 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV025176.D
Acq: 25 Mar 2022 14:08

Tgt Ion: 63 Resp: 33103
Ion Ratio Lower Upper
63 100
65 34.0 22.2 41.2
83 14.5 9.4 17.4

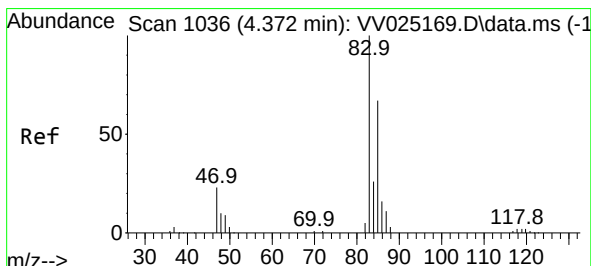
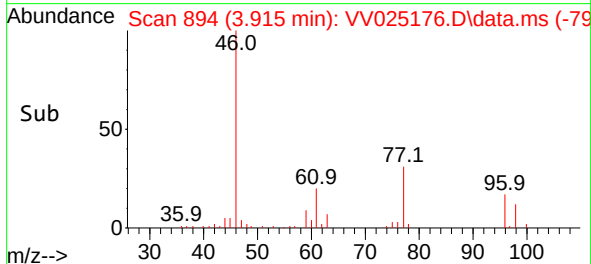
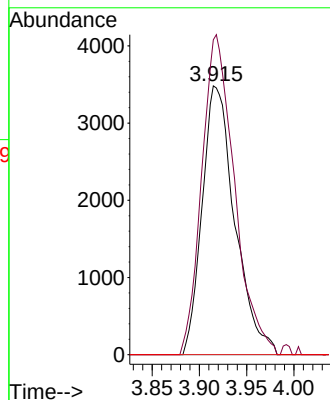
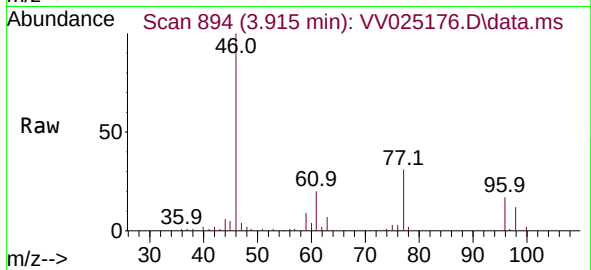




#22
 cis-1,2-Dichloroethene
 Concen: 0.807 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025176.D
 Acq: 25 Mar 2022 14:08

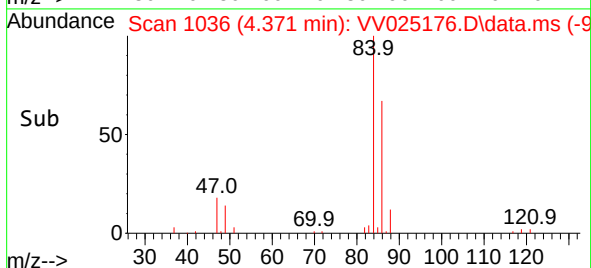
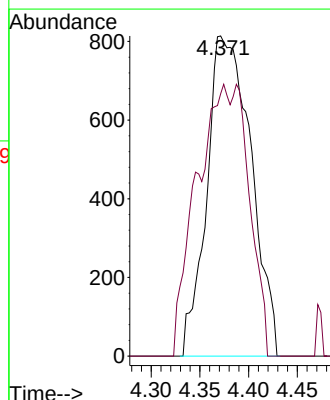
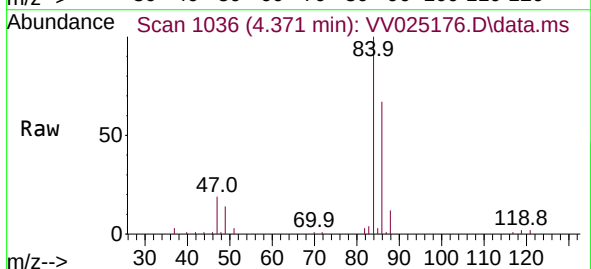
Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7DL

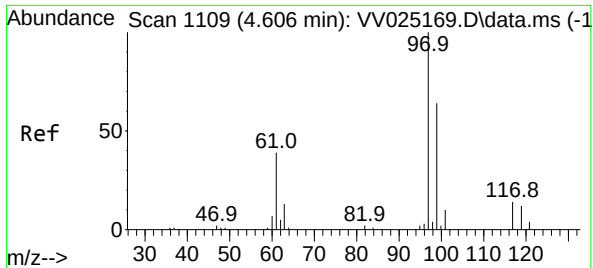
Tgt Ion: 96 Resp: 8375
 Ion Ratio Lower Upper
 96 100
 61 117.1 79.7 147.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.141 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VV025176.D
 Acq: 25 Mar 2022 14:08

Tgt Ion: 83 Resp: 2566
 Ion Ratio Lower Upper
 83 100
 85 81.9 44.5 82.7





#29

1,1,1-Trichloroethane

Concen: 10.020 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025176.D

Acq: 25 Mar 2022 14:08

Instrument :

MSVOA_V

ClientSampleId :

EW5Z7DL

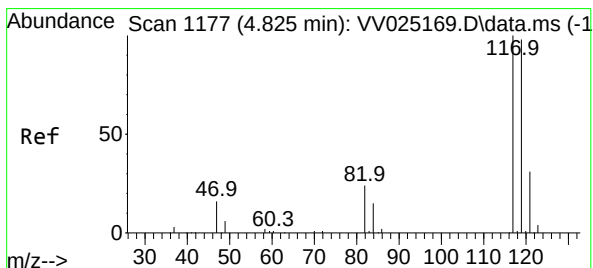
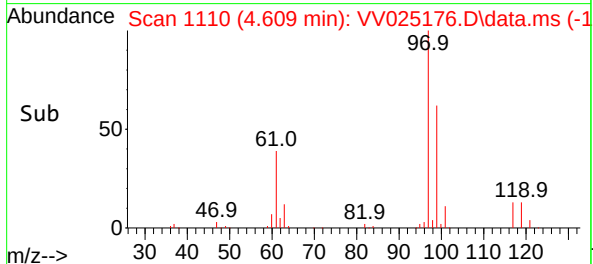
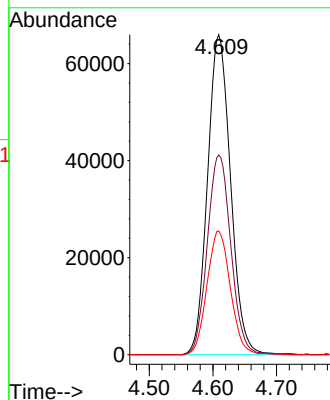
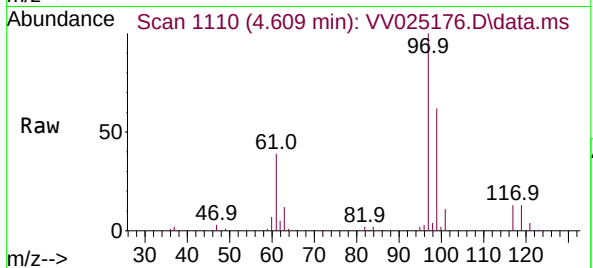
Tgt Ion: 97 Resp: 165975

Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 39.3 32.4 48.6



#31

Carbon tetrachloride

Concen: 1.539 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.212 min

Lab File: VV025176.D

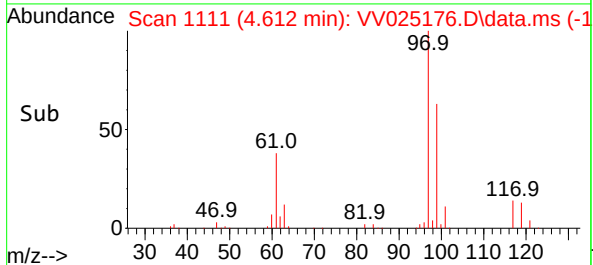
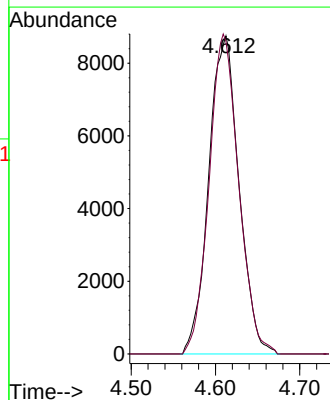
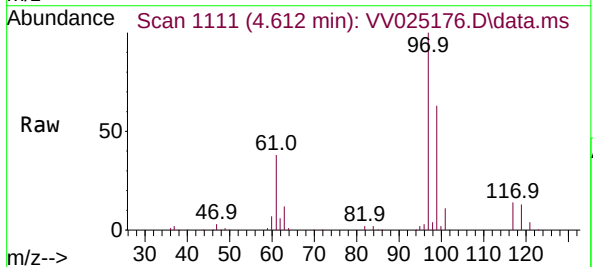
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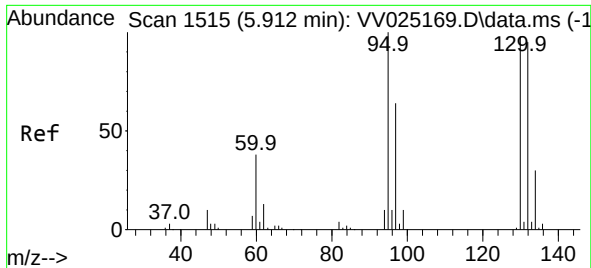
Tgt Ion: 117 Resp: 21876

Ion Ratio Lower Upper

117 100

119 98.2 76.8 115.2



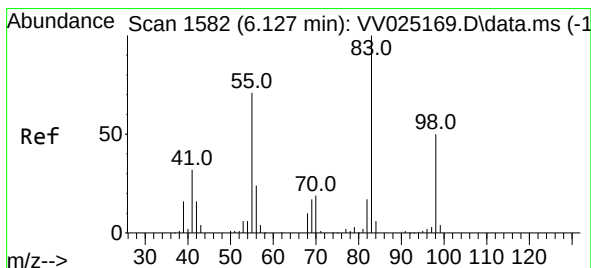
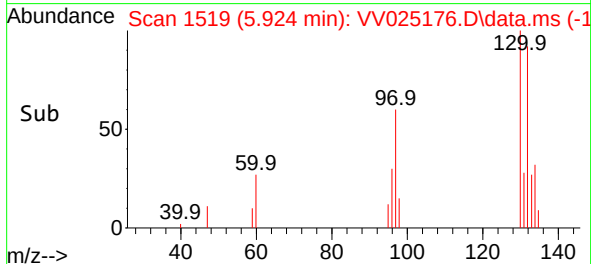
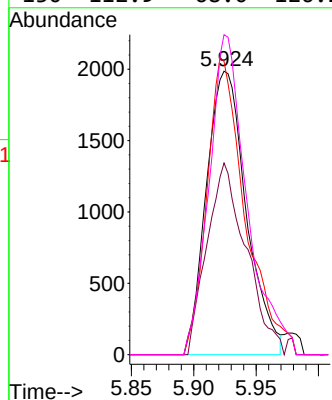
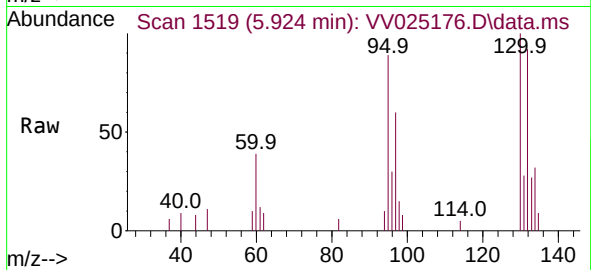


#34
Trichloroethene
Concen: 0.394 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025176.D
Acq: 25 Mar 2022 14:08

Instrument :
MSVOA_V
ClientSampleId :
EW5Z7DL

Tgt Ion: 95 Resp: 4427

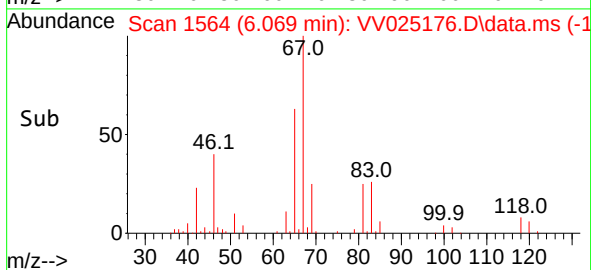
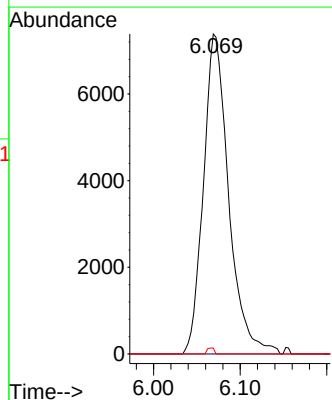
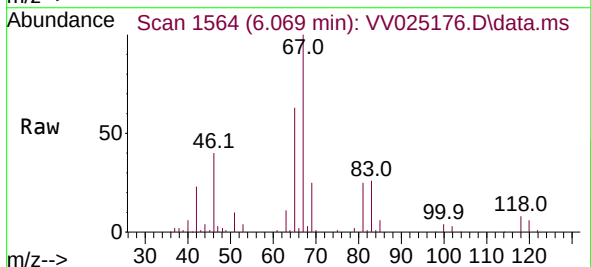
Ion	Ratio	Lower	Upper
95	100		
97	67.6	44.5	82.7
132	103.5	66.5	123.5
130	112.9	68.0	126.2

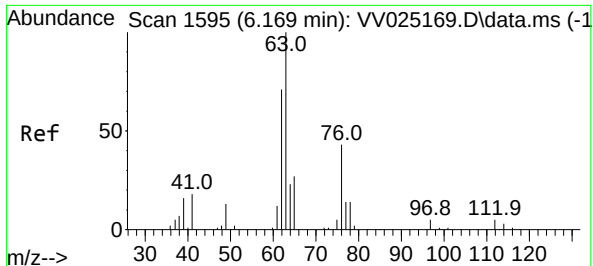


#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025176.D
Acq: 25 Mar 2022 14:08

Tgt Ion: 83 Resp: 14961

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.0#
98	0.5	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV025176.D

Acq: 25 Mar 2022 14:08

Instrument :

MSVOA_V

ClientSampleId :

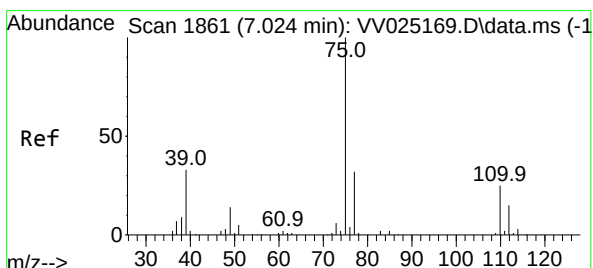
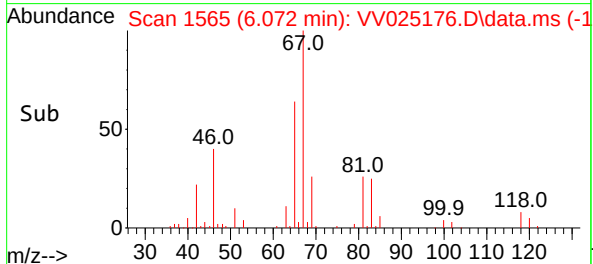
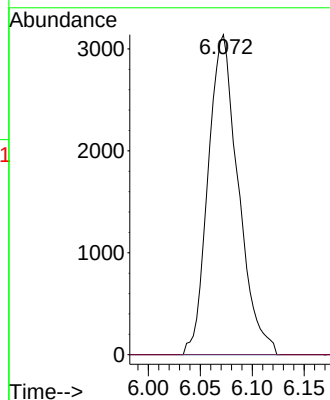
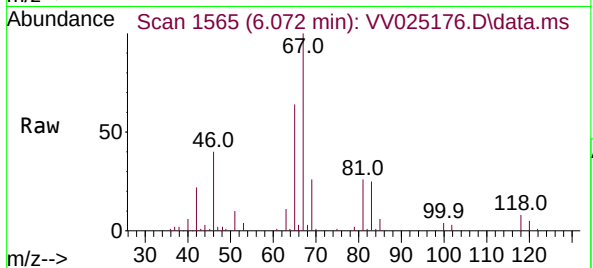
EW5Z7DL

Tgt Ion: 63 Resp: 6347

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025176.D

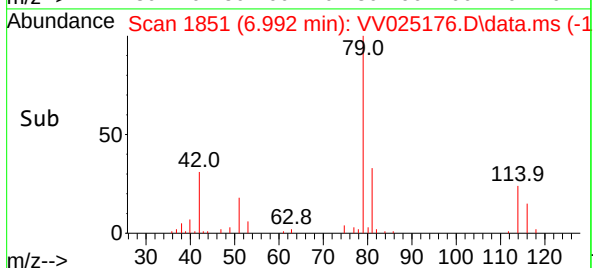
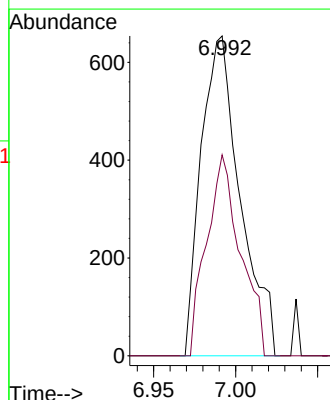
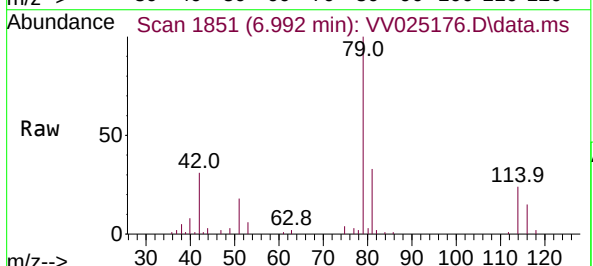
Acq: 25 Mar 2022 14:08

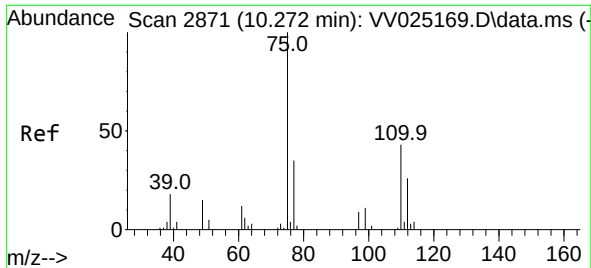
Tgt Ion: 75 Resp: 1086

Ion Ratio Lower Upper

75 100

77 62.8 23.0 42.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.308 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025176.D
 Acq: 25 Mar 2022 14:08

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7DL

Tgt Ion: 75 Resp: 6480
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.7 38.5
 110 1.4 31.2 46.8#

