

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022652.D
 Acq On : 07 Oct 2021 04:15
 Operator : SY/MD
 Sample : M4050-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:51:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 07:45:03 2021
 Response via : Initial Calibration

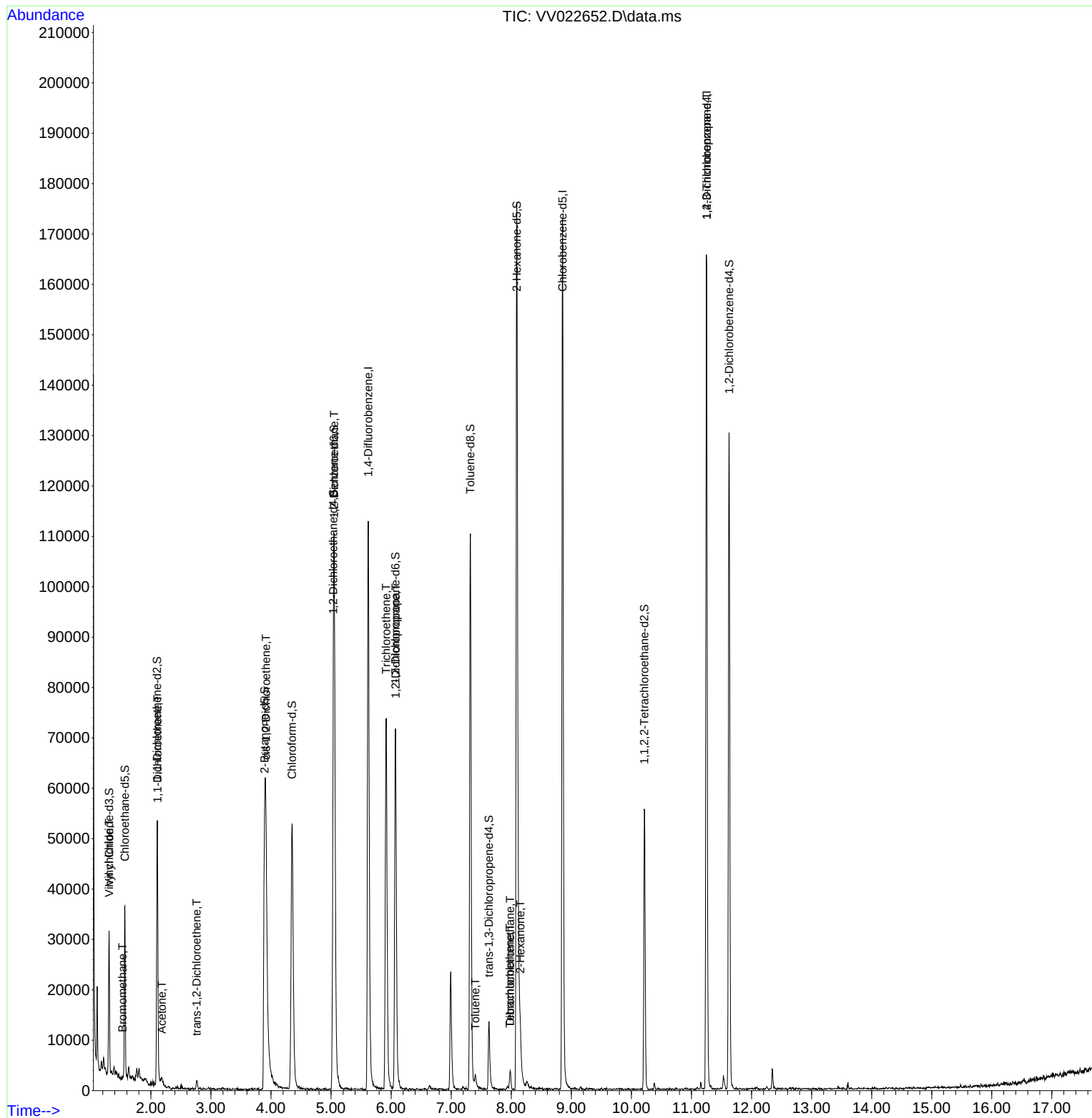
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102007	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	99492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12402	3.795	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.568	69	20363	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.104	63	26561	2.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.892	46	89088	46.113	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.220%
24) Chloroform-d	4.352	84	55478	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.037	65	28827	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	98085	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.072	67	35189	4.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.316	98	75082	3.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.628	79	8366	3.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.091	63	58543	45.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26347	4.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.628	152	35940	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	1278	0.163	ug/L #	73
6) Bromomethane	1.526	94	224	0.043	ug/L #	3
12) 1,1-Dichloroethene	2.111	96	751	0.120	ug/L #	1
13) Acetone	2.182	43	3284	3.161	ug/L #	62
18) trans-1,2-Dichloroethene	2.764	96	492	0.072	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	17075	2.311	ug/L	86
27) 1,2-Dichloroethane	5.053	62	458	0.065	ug/L #	74
34) Trichloroethene	5.918	95	25844	3.317	ug/L	99
37) 1,2-Dichloropropane	6.075	63	3805	0.581	ug/L #	84
42) Toluene	7.403	91	2350	0.083	ug/L	88
47) Tetrachloroethene	7.979	164	961	0.159	ug/L	89
48) 2-Hexanone	8.149	43	7123	2.748	ug/L #	90
49) Dibromochloromethane	7.982	129	894	0.155	ug/L #	12
61) 1,2,3-Trichloropropane	11.252	75	5055	1.465	ug/L #	64

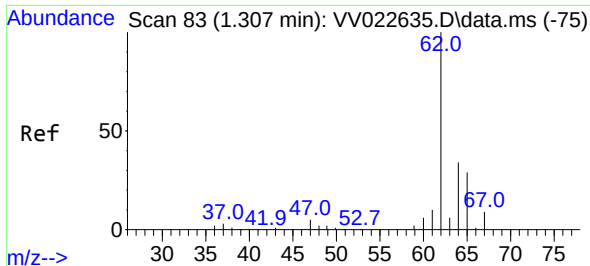
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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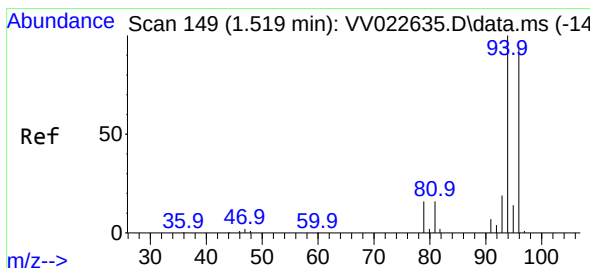
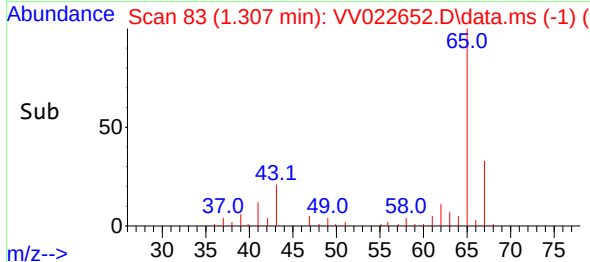
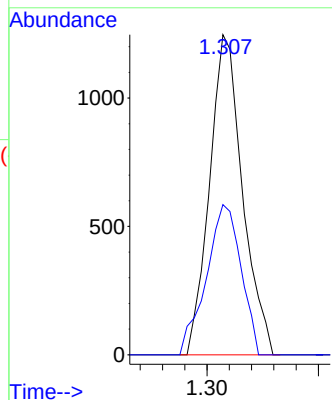
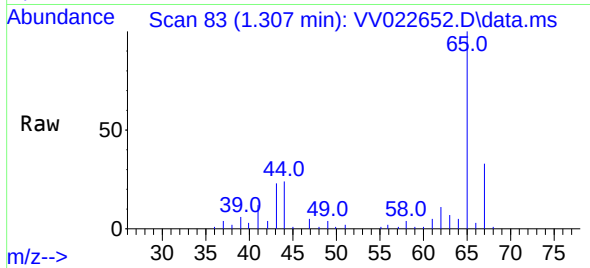




#5
 Vinyl chloride
 Concen: 0.163 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022652.D
 Acq: 07 Oct 2021 04:15

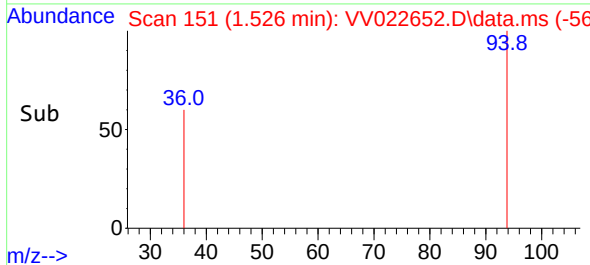
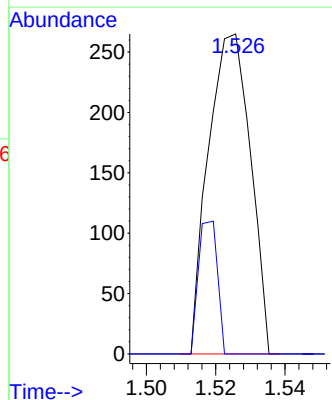
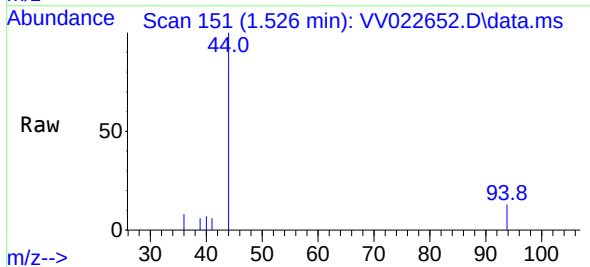
Instrument :
 MSVOA_V
 ClientSampled :

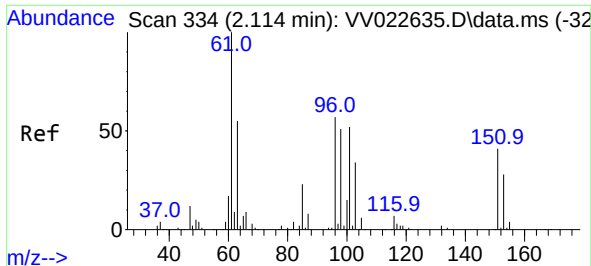
Tgt Ion: 62 Resp: 1278
 Ion Ratio Lower Upper
 62 100
 64 46.9 22.3 41.5#



#6
 Bromomethane
 Concen: 0.043 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.006 min
 Lab File: VV022652.D
 Acq: 07 Oct 2021 04:15

Tgt Ion: 94 Resp: 224
 Ion Ratio Lower Upper
 94 100
 96 0.0 65.9 122.3#





#12

1,1-Dichloroethene

Concen: 0.120 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

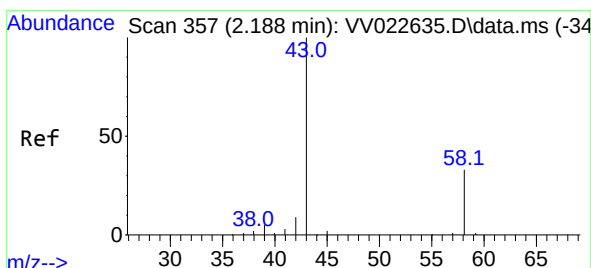
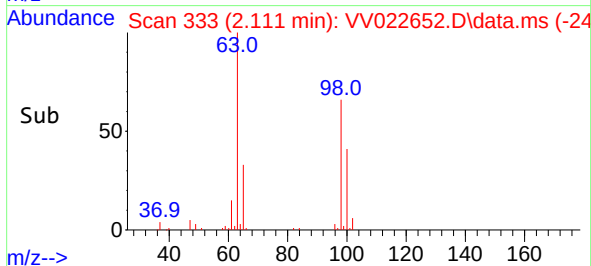
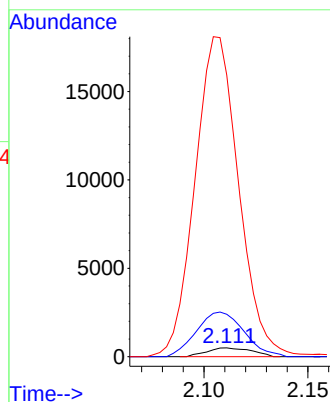
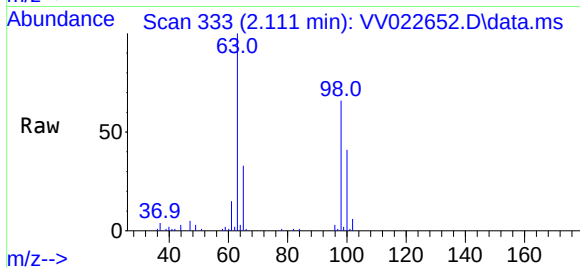
Lab File: VV022652.D

Acq: 07 Oct 2021 04:15

Tgt Ion: 96 Resp: 751

Ion	Ratio	Lower	Upper
96	100		
61	483.3	113.2	210.2#
63	3205.6	66.6	123.8#

Instrument :
MSVOA_V
ClientSampleId :



#13

Acetone

Concen: 3.161 ug/L

RT: 2.182 min Scan# 355

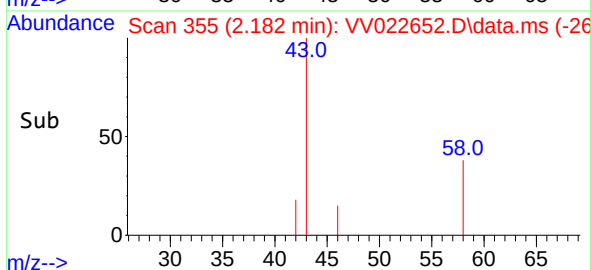
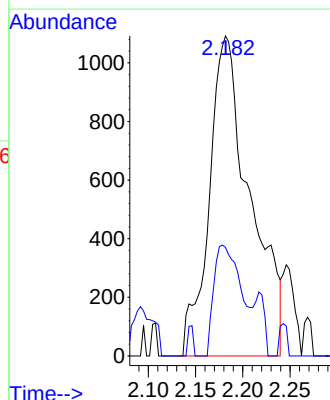
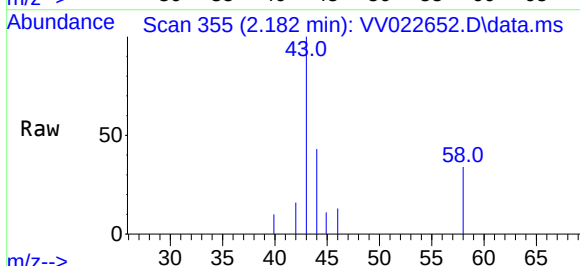
Delta R.T. -0.007 min

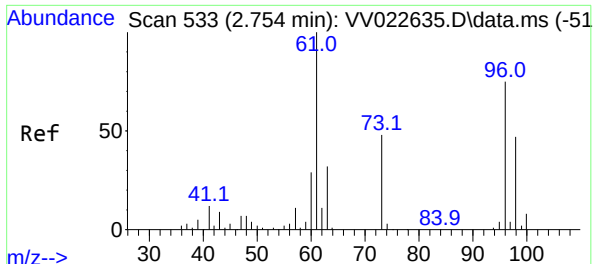
Lab File: VV022652.D

Acq: 07 Oct 2021 04:15

Tgt Ion: 43 Resp: 3284

Ion	Ratio	Lower	Upper
43	100		
58	22.5	0.0	17.6#

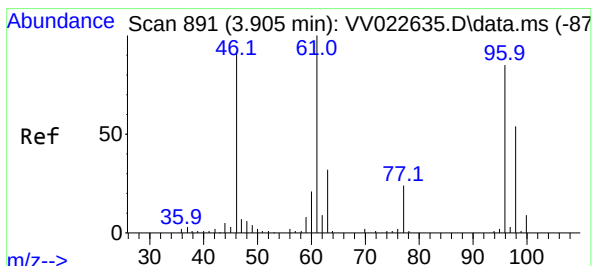
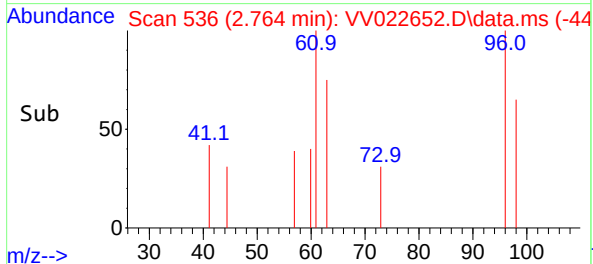
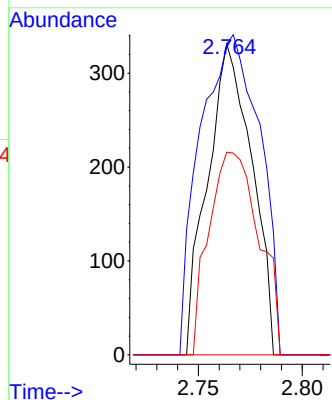
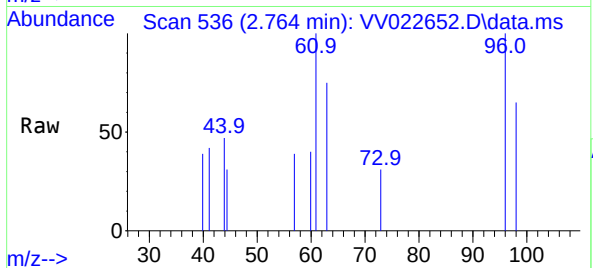




#18
trans-1,2-Dichloroethene
Concen: 0.072 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.009 min
Lab File: VV022652.D
Acq: 07 Oct 2021 04:15

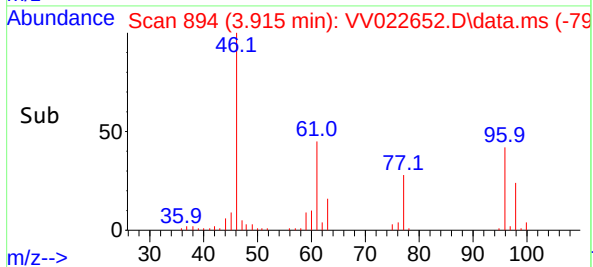
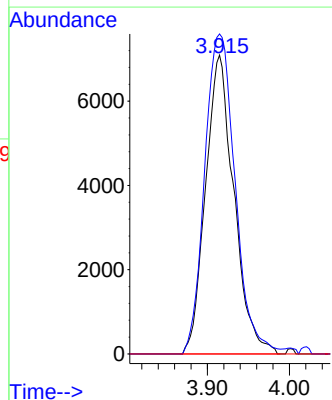
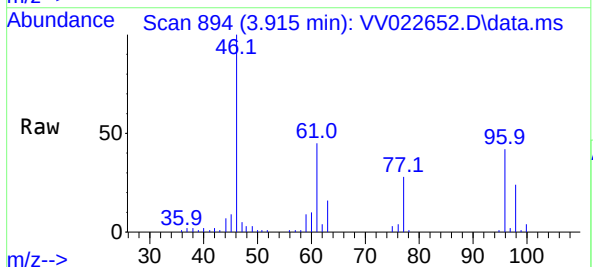
Instrument :
MSVOA_V
ClientSampleId :

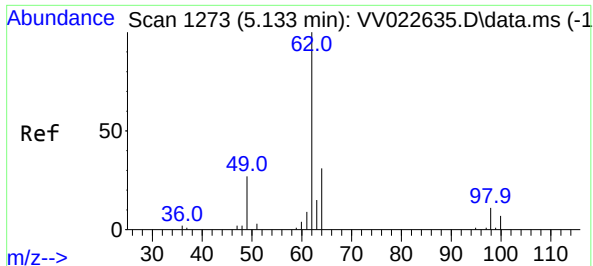
Tgt Ion: 96 Resp: 492
Ion Ratio Lower Upper
96 100
61 100.0 94.0 174.6
98 65.3 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 2.311 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.009 min
Lab File: VV022652.D
Acq: 07 Oct 2021 04:15

Tgt Ion: 96 Resp: 17075
Ion Ratio Lower Upper
96 100
61 107.1 85.6 159.0
68 0.0 0.0 0.0

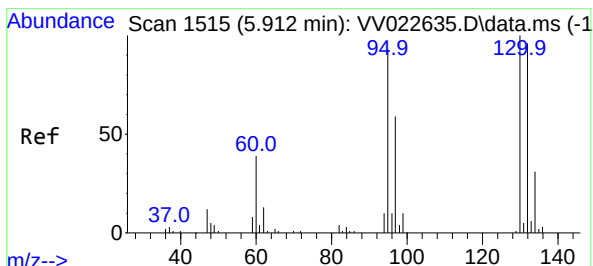
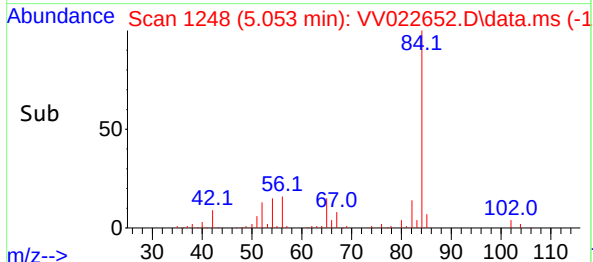
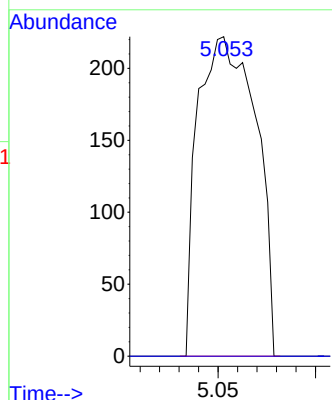
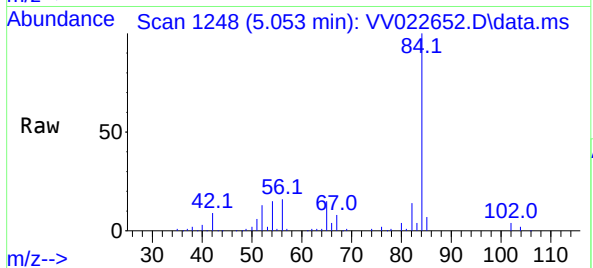




#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.081 min
Lab File: VV022652.D
Acq: 07 Oct 2021 04:15

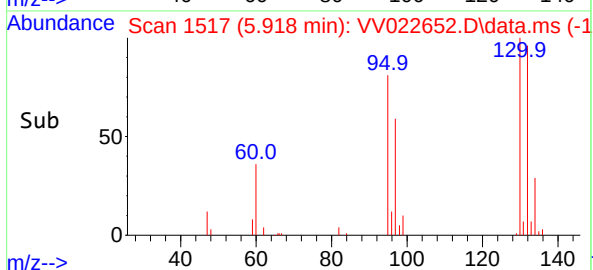
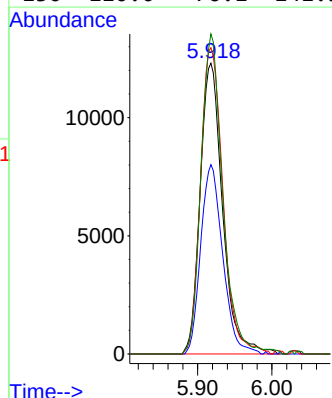
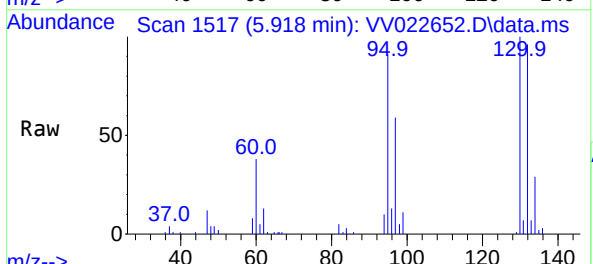
Instrument :
MSVOA_V
ClientSampled :

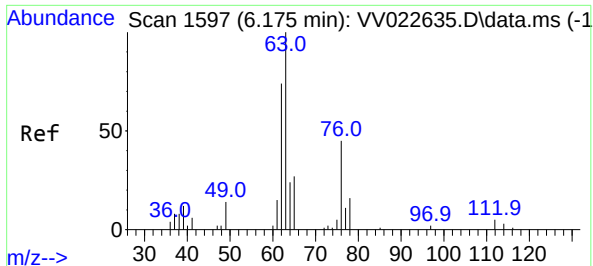
Tgt Ion: 62 Resp: 458
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#



#34
Trichloroethene
Concen: 3.317 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022652.D
Acq: 07 Oct 2021 04:15

Tgt Ion: 95 Resp: 25844
Ion Ratio Lower Upper
95 100
97 65.1 46.5 86.5
132 105.3 73.0 135.6
130 110.0 76.1 141.3

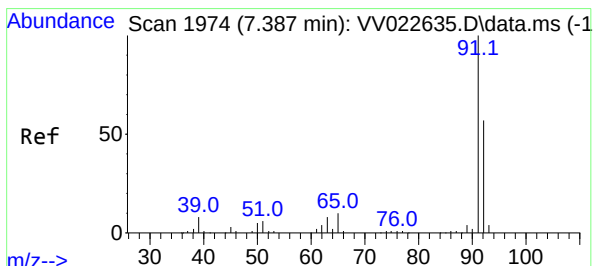
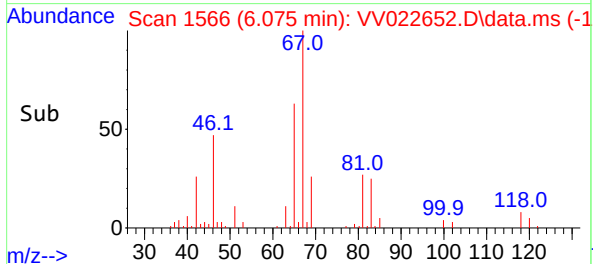
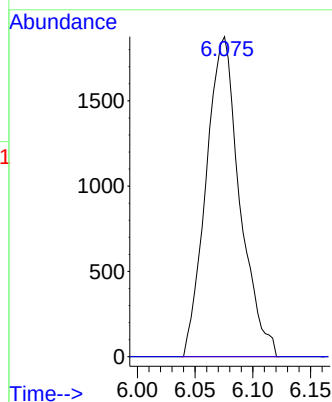
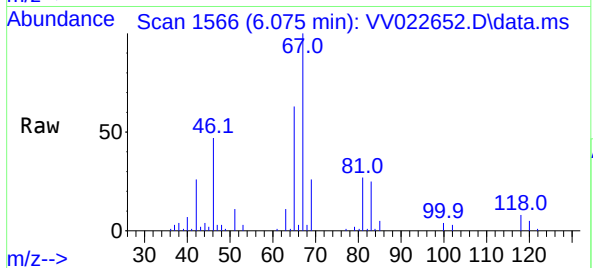




#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV022652.D
Acq: 07 Oct 2021 04:15

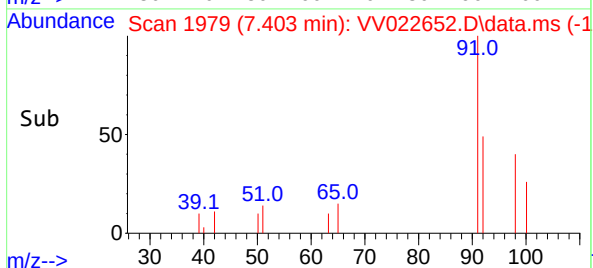
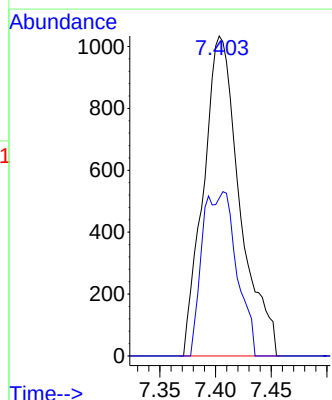
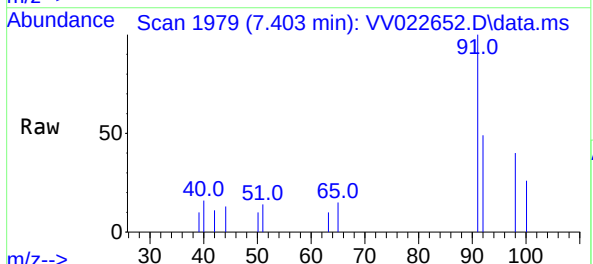
Instrument :
MSVOA_V
ClientSampleId :

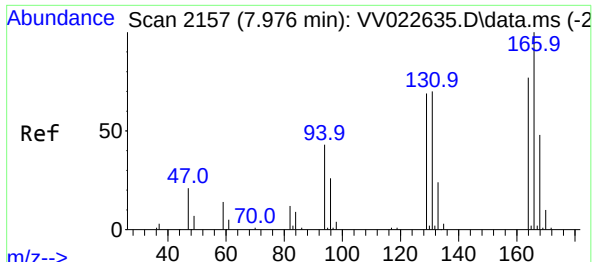
Tgt Ion: 63 Resp: 3805
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#42
Toluene
Concen: 0.083 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022652.D
Acq: 07 Oct 2021 04:15

Tgt Ion: 91 Resp: 2350
Ion Ratio Lower Upper
91 100
92 49.3 40.5 75.3





#47

Tetrachloroethene

Concen: 0.159 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022652.D

Acq: 07 Oct 2021 04:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 961

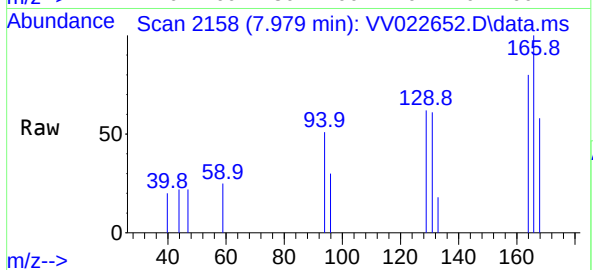
Ion Ratio Lower Upper

164 100

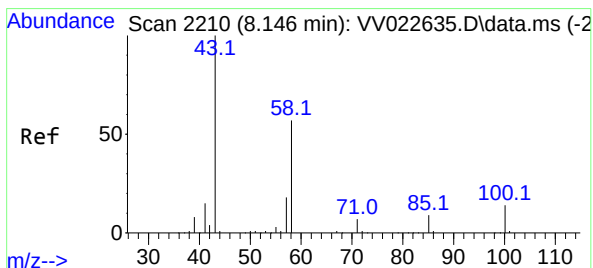
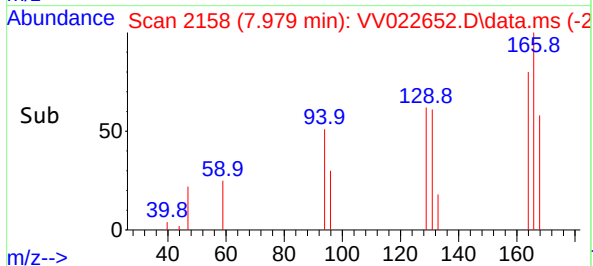
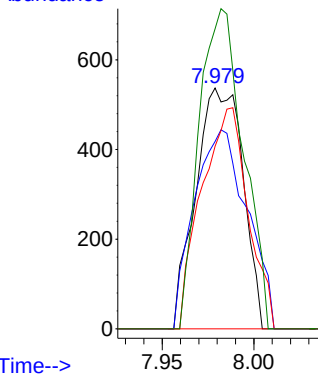
129 77.8 65.5 121.6

131 75.8 62.4 116.0

166 124.6 91.1 169.3



Abundance



#48

2-Hexanone

Concen: 2.748 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VV022652.D

Acq: 07 Oct 2021 04:15

Tgt Ion: 43 Resp: 7123

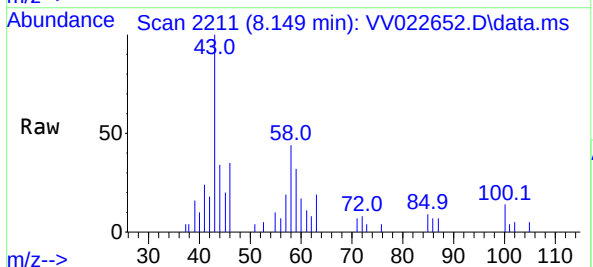
Ion Ratio Lower Upper

43 100

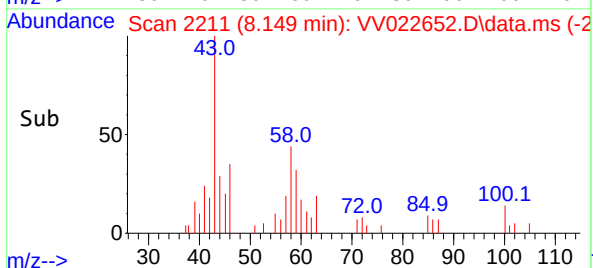
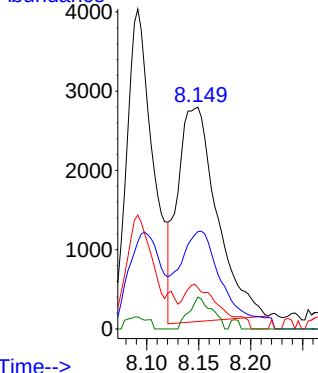
58 48.8 46.4 69.6

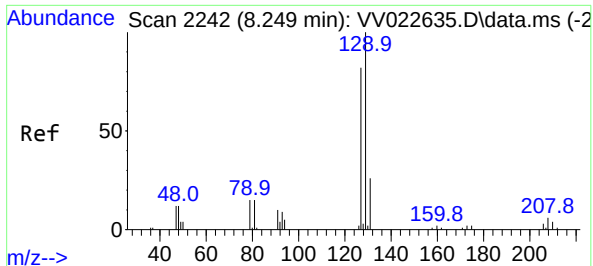
57 18.8 16.3 24.5

100 8.5 11.0 16.6#



Abundance





#49

Dibromochloromethane

Concen: 0.155 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV022652.D

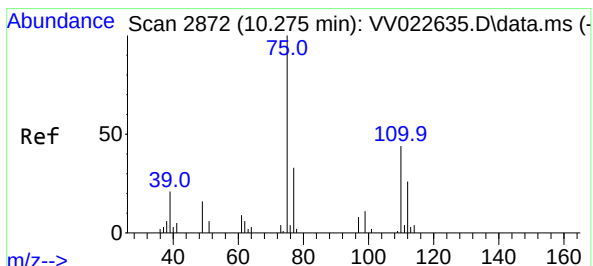
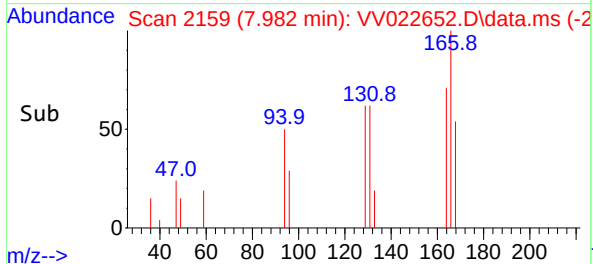
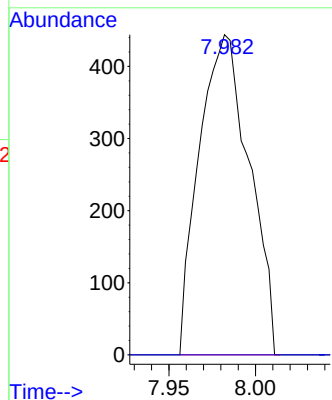
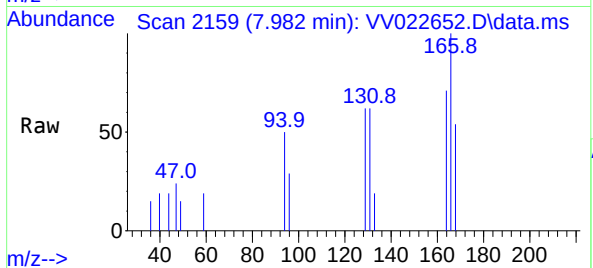
Acq: 07 Oct 2021 04:15

Tgt Ion:129 Resp: 894

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV022652.D

Acq: 07 Oct 2021 04:15

Tgt Ion: 75 Resp: 5055

Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

110 1.8 33.0 49.6#

