

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071521\
 Data File : VW021665.D
 Acq On : 15 Jul 2021 12:21
 Operator : SY/MD
 Sample : M3033-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:07:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 16 01:06:31 2021
 Response via : Initial Calibration

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

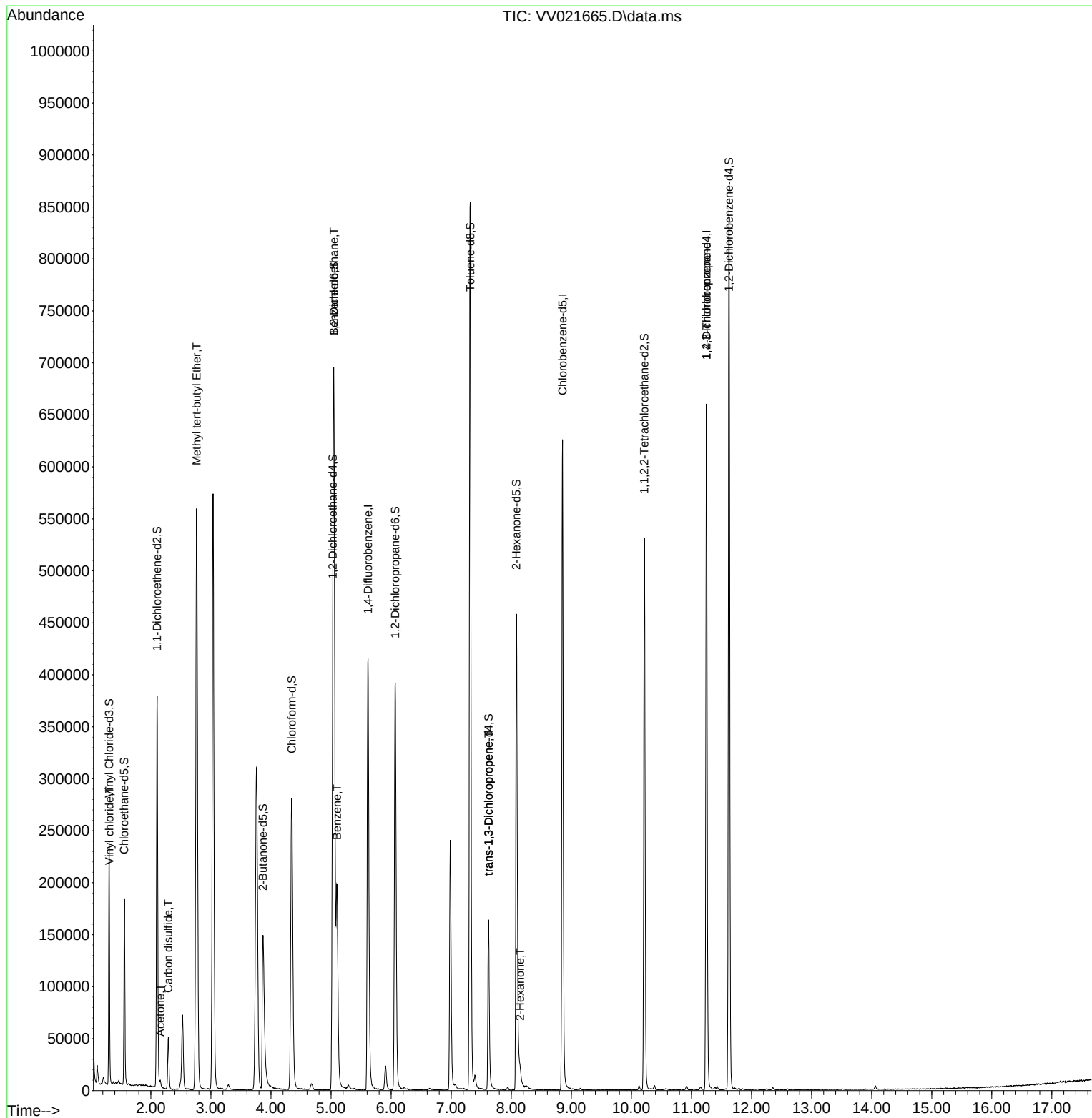
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	379915	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	356648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	180451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136399	56.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.500%
7) Chloroethane-d5	1.558	69	115375	58.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.460%
11) 1,1-Dichloroethene-d2	2.105	63	192164	43.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.380%
21) 2-Butanone-d5	3.867	46	246163	119.910	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.910%
24) Chloroform-d	4.346	84	299497	59.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.140%
26) 1,2-Dichloroethane-d4	5.027	65	188249	63.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.080%#
32) Benzene-d6	5.047	84	620262	61.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.880%
36) 1,2-Dichloropropane-d6	6.069	67	199622	63.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.400%#
41) Toluene-d8	7.317	98	572592	61.828	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.660%#
43) trans-1,3-Dichloroprop...	7.622	79	95755	60.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.900%
47) 2-Hexanone-d5	8.085	63	163857	111.844	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	260888	61.308	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	122.620%#
66) 1,2-Dichlorobenzene-d4	11.625	152	229594	63.819	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.640%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	7801	2.491	ug/L #	71
13) Acetone	2.159	43	4794	2.825	ug/L #	100
14) Carbon disulfide	2.291	76	57048	7.458	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	459410	53.587	ug/L #	75
27) 1,2-Dichloroethane	5.047	62	3391	0.948	ug/L #	72
33) Benzene	5.098	78	205461	18.930	ug/L	100
44) trans-1,3-Dichloropropene	7.622	75	3663	0.843	ug/L #	74
48) 2-Hexanone	8.146	43	11026	3.368	ug/L #	77
61) 1,2,3-Trichloropropane	11.249	75	19633	5.628	ug/L #	66

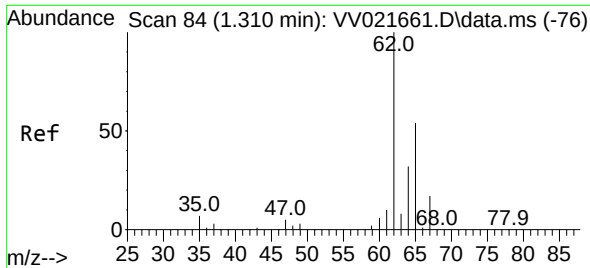
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 01:07:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 16 01:06:31 2021
Response via : Initial Calibration

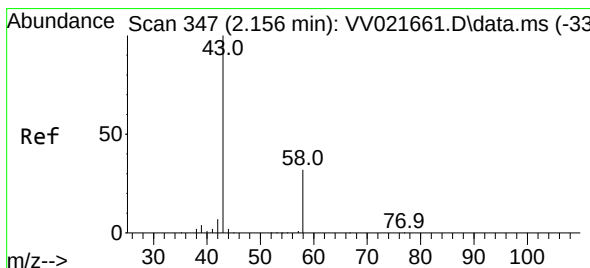
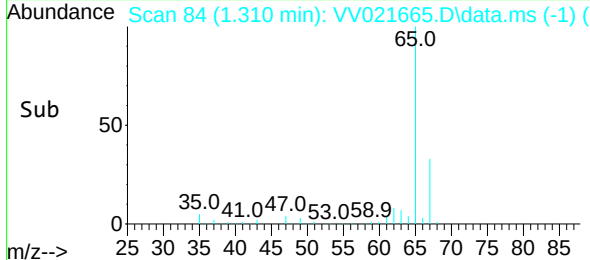
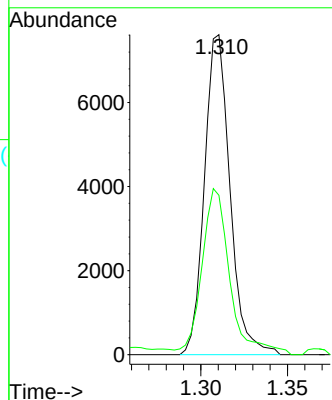
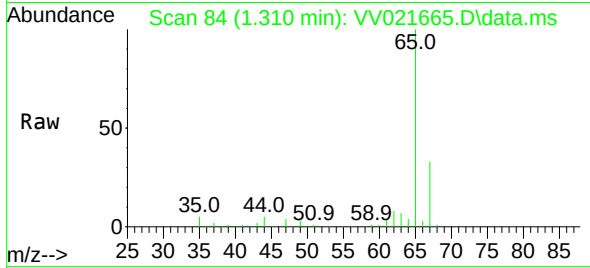




#5
 Vinyl chloride
 Concen: 2.491 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021665.D
 Acq: 15 Jul 2021 12:21

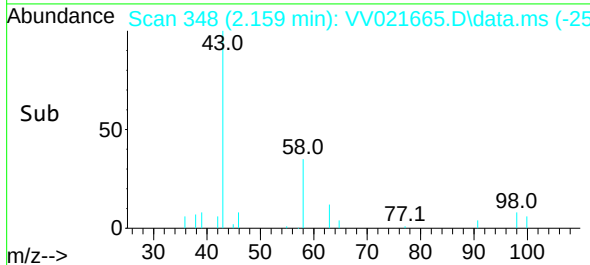
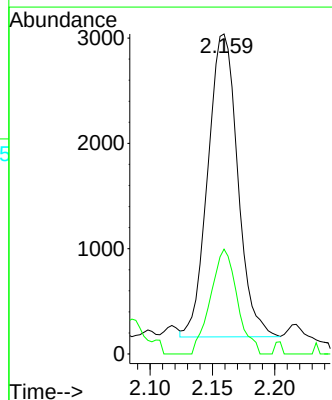
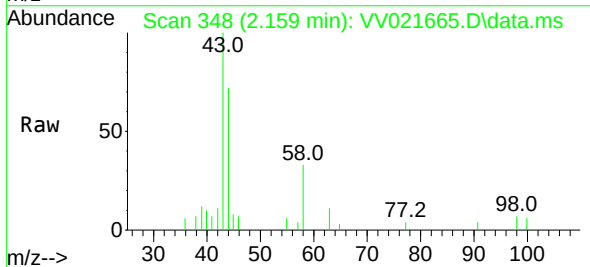
Instrument :
 MSVOA_V
 ClientSampled :

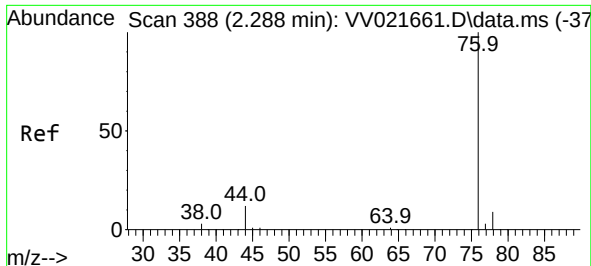
Tgt Ion: 62 Resp: 7801
 Ion Ratio Lower Upper
 62 100
 64 49.8 23.3 43.3#



#13
 Acetone
 Concen: 2.825 ug/L
 RT: 2.159 min Scan# 348
 Delta R.T. 0.003 min
 Lab File: VV021665.D
 Acq: 15 Jul 2021 12:21

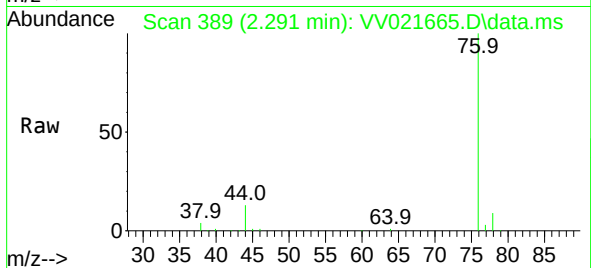
Tgt Ion: 43 Resp: 4794
 Ion Ratio Lower Upper
 43 100
 58 30.9 0.0 0.0#



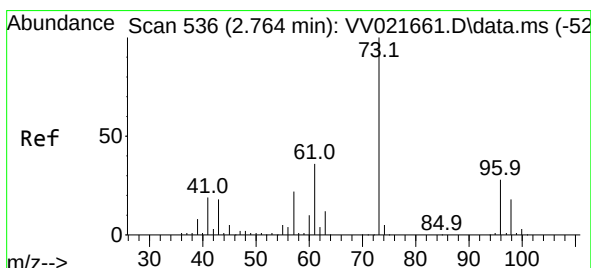
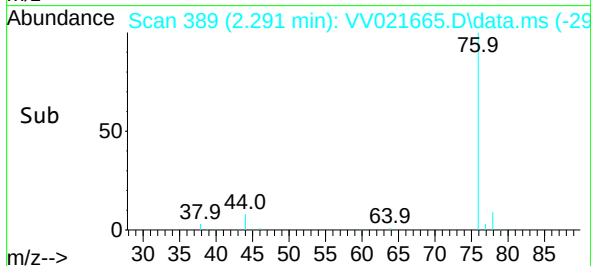
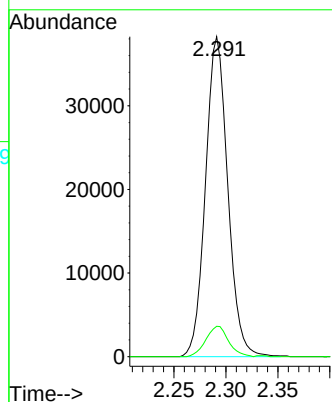


#14
Carbon disulfide
Concen: 7.458 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021665.D
Acq: 15 Jul 2021 12:21

Instrument :
MSVOA_V
ClientSampled :

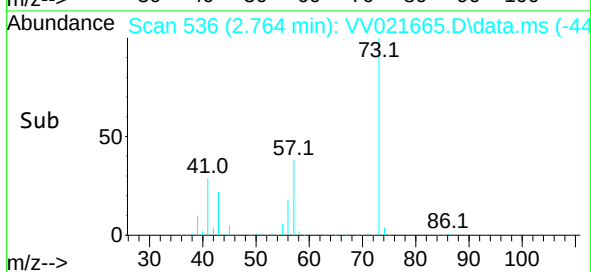
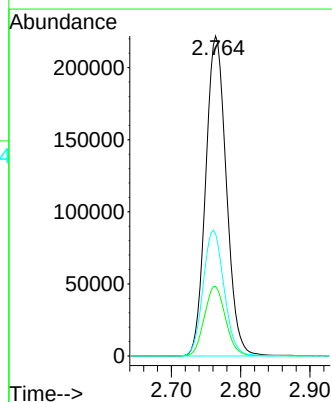
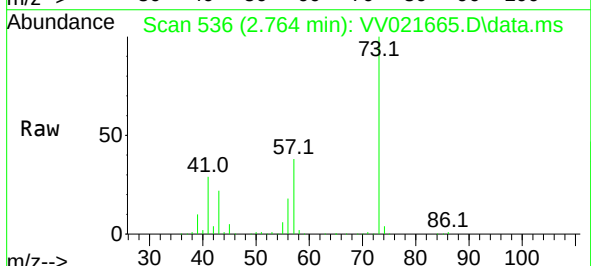


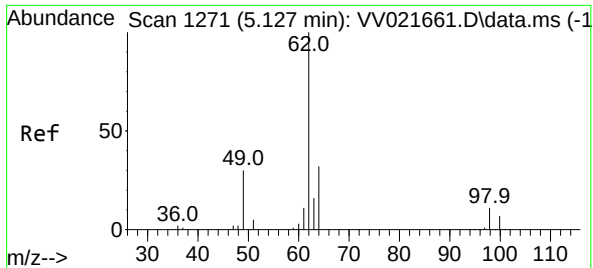
Tgt Ion: 76 Resp: 57048
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl tert-butyl Ether
Concen: 53.587 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021665.D
Acq: 15 Jul 2021 12:21

Tgt Ion: 73 Resp: 459410
Ion Ratio Lower Upper
73 100
43 22.2 14.6 22.0#
57 40.0 17.4 26.2#

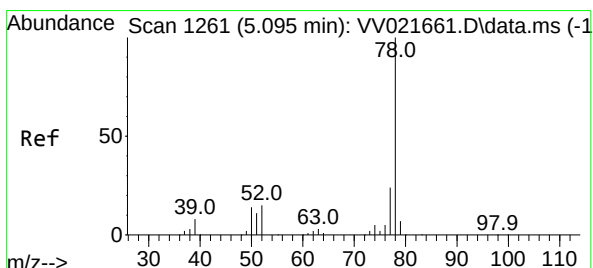
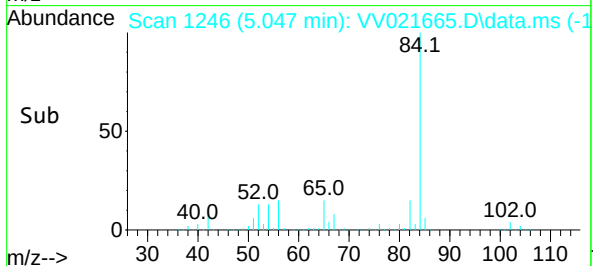
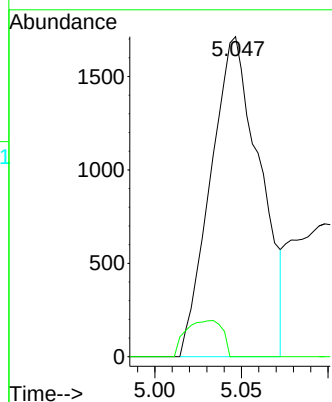
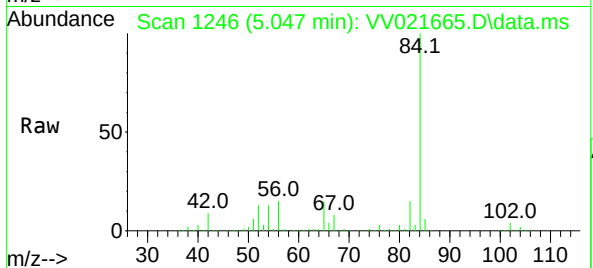




#27
1,2-Dichloroethane
Concen: 0.948 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.080 min
Lab File: VV021665.D
Acq: 15 Jul 2021 12:21

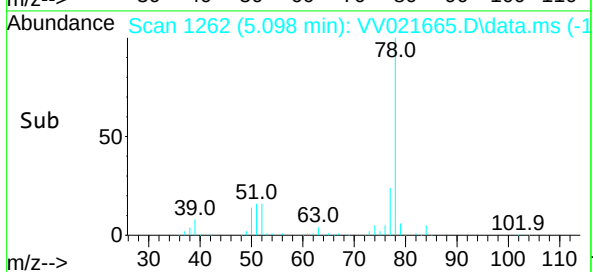
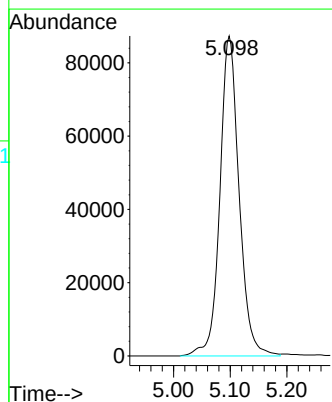
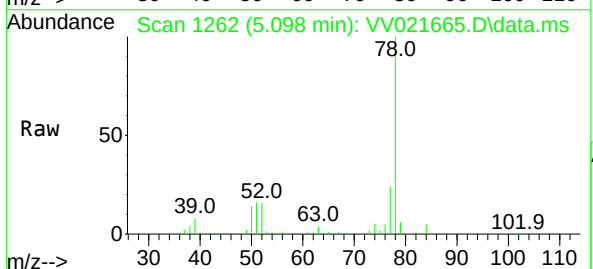
Instrument :
MSVOA_V
ClientSampled :

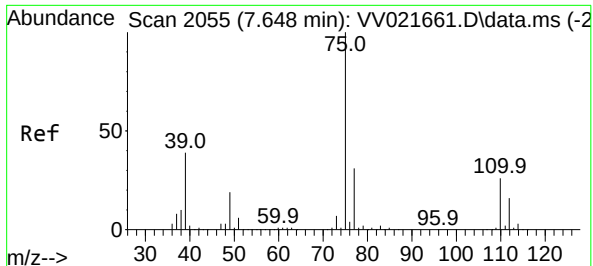
Tgt Ion: 62 Resp: 3391
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#33
Benzene
Concen: 18.930 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021665.D
Acq: 15 Jul 2021 12:21

Tgt Ion: 78 Resp: 205461



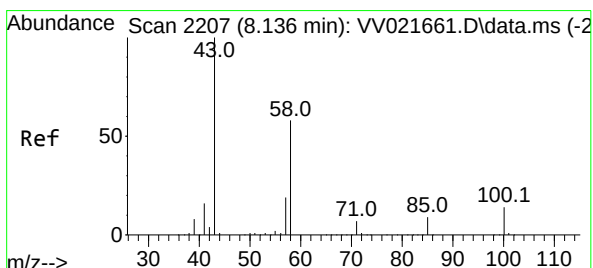
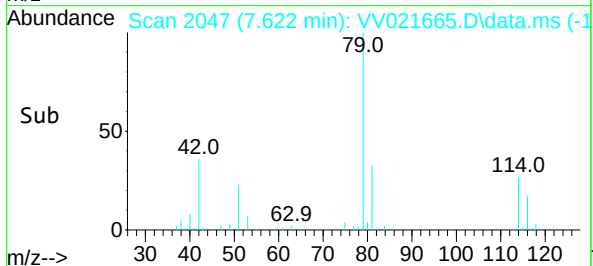
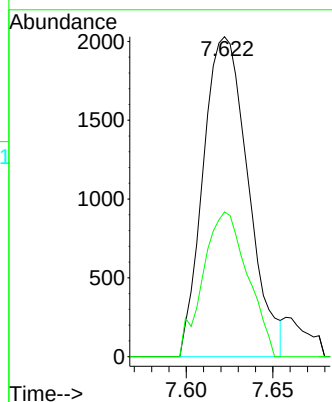
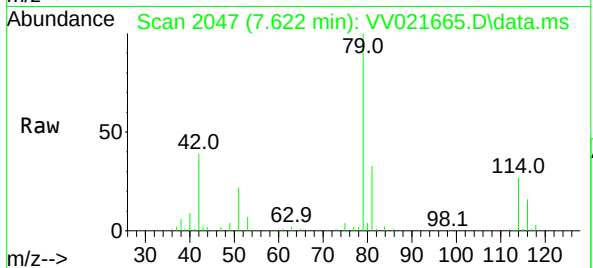


#44

trans-1,3-Dichloropropene
Concen: 0.843 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV021665.D
Acq: 15 Jul 2021 12:21

Instrument :
MSVOA_V
ClientSampled :

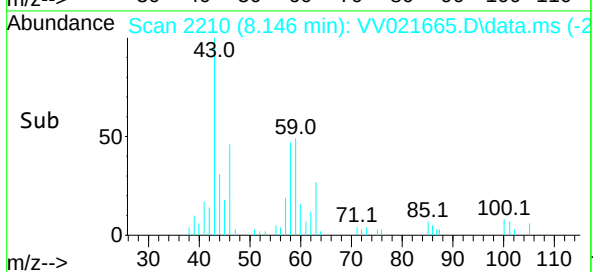
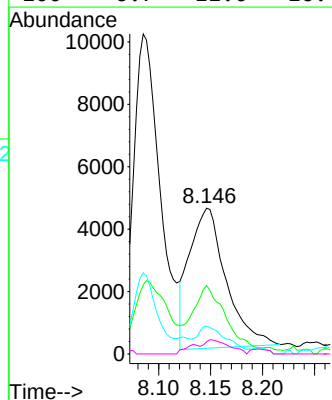
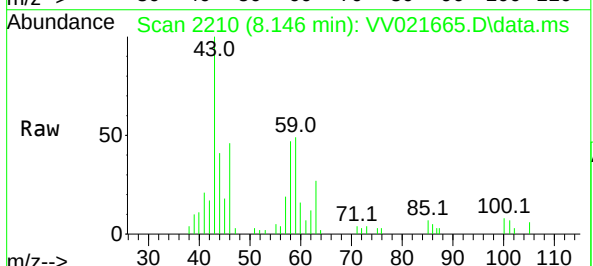
Tgt Ion: 75 Resp: 3663
Ion Ratio Lower Upper
75 100
77 45.3 21.8 40.4#

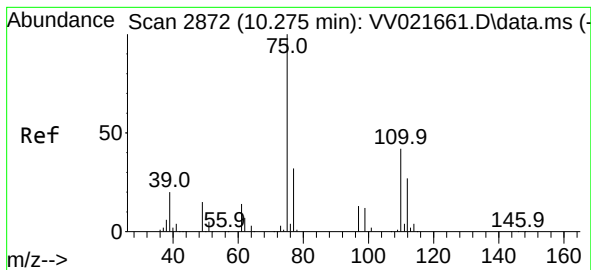


#48

2-Hexanone
Concen: 3.368 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.010 min
Lab File: VV021665.D
Acq: 15 Jul 2021 12:21

Tgt Ion: 43 Resp: 11026
Ion Ratio Lower Upper
43 100
58 38.9 46.7 70.1#
57 12.1 15.5 23.3#
100 6.7 11.0 16.4#





#61
 1,2,3-Trichloropropane
 Concen: 5.628 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV021665.D
 Acq: 15 Jul 2021 12:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 19633
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8
 110 3.0 33.0 49.6#

