

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
 Data File : VV021511.D
 Acq On : 04 Jun 2021 16:54
 Operator : SY/MD
 Sample : M2605-12 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 03:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

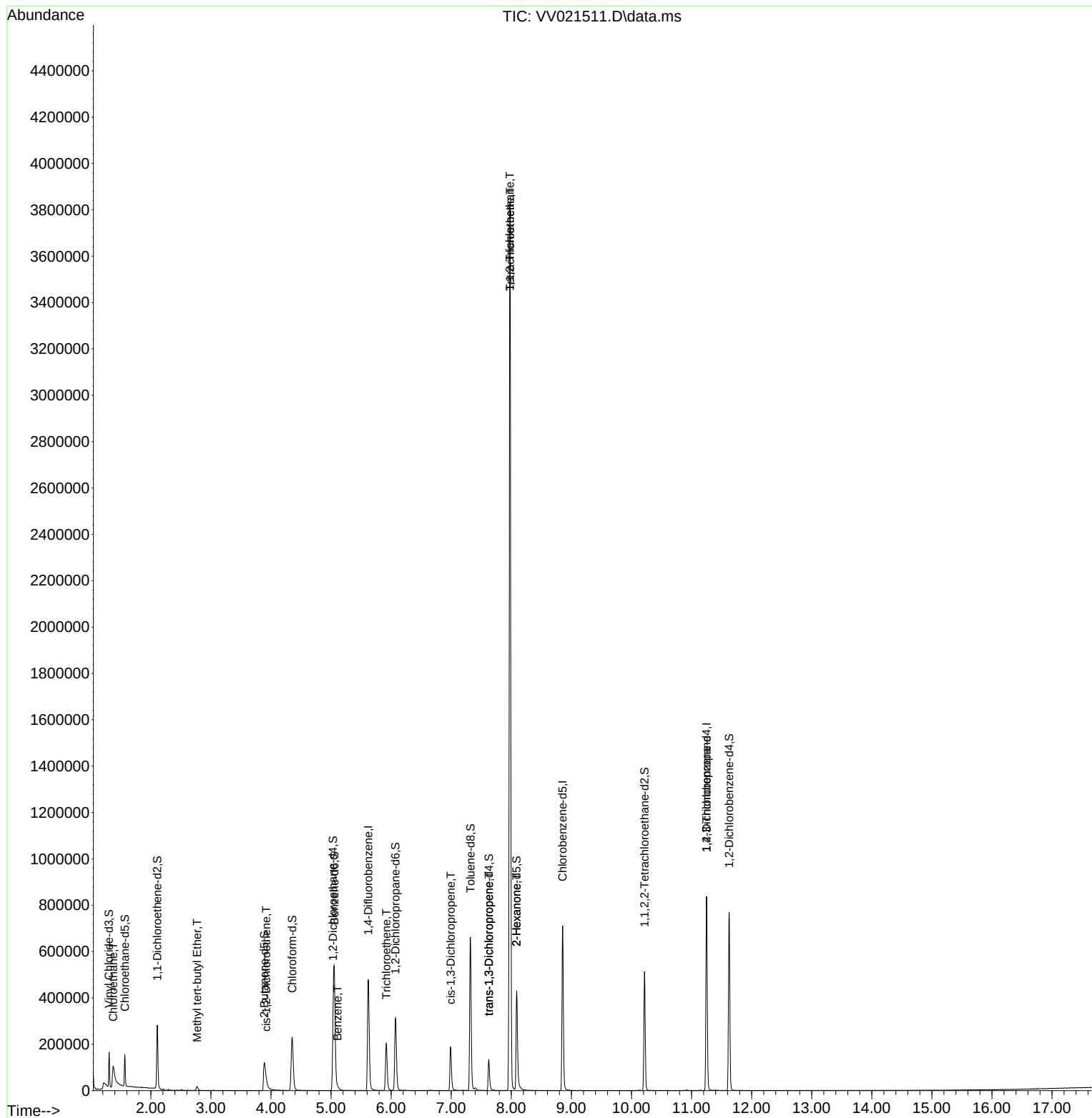
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	443272	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	418716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	240042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94510	32.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.760%
7) Chloroethane-d5	1.568	69	81713	37.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.280%
11) 1,1-Dichloroethene-d2	2.108	63	135797	27.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.460%#
21) 2-Butanone-d5	3.889	46	213070	101.813	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.810%
24) Chloroform-d	4.352	84	245512	42.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.520%
26) 1,2-Dichloroethane-d4	5.034	65	150625	45.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
32) Benzene-d6	5.053	84	485194	41.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.840%
36) 1,2-Dichloropropane-d6	6.072	67	156574	43.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.560%
41) Toluene-d8	7.320	98	452803	40.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.140%
43) trans-1,3-Dichloroprop...	7.625	79	78913	40.764	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.520%
47) 2-Hexanone-d5	8.088	63	163472	98.416	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240916	47.978	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	11.625	152	218564	43.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.375	64	202785	113.540	ug/L #	51
18) Methyl tert-butyl Ether	2.770	73	16969	1.803	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	2985	0.899	ug/L	96
33) Benzene	5.108	78	13349	1.114	ug/L	100
34) Trichloroethene	5.918	95	70360	21.598	ug/L	98
39) cis-1,3-Dichloropropene	6.992	75	4866	0.947	ug/L #	72
44) trans-1,3-Dichloropropene	7.625	75	3233	0.665	ug/L #	81
45) 1,1,2-Trichloroethane	7.976	97	6330	2.041	ug/L #	1
46) Tetrachloroethene	7.979	164	936041	312.528	ug/L	98
48) 2-Hexanone	8.088	43	15454	4.863	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	22801	6.045	ug/L #	62

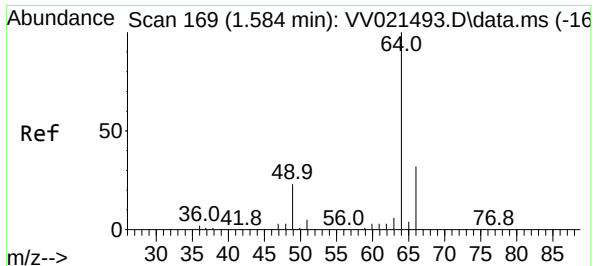
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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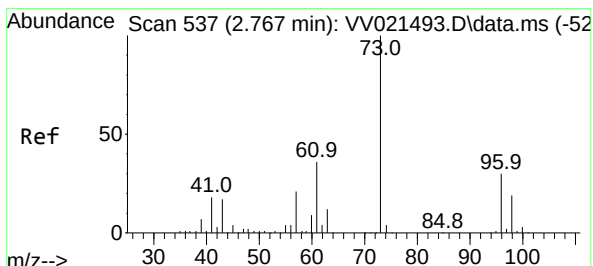
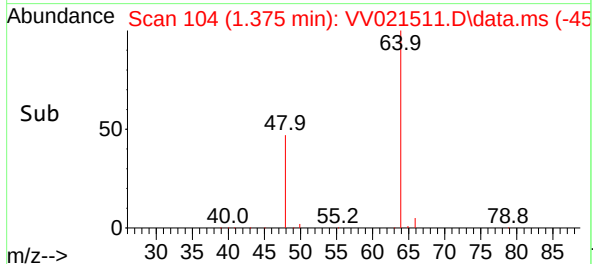
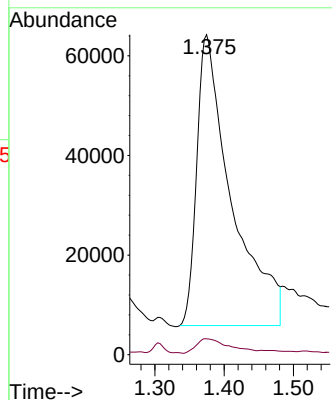
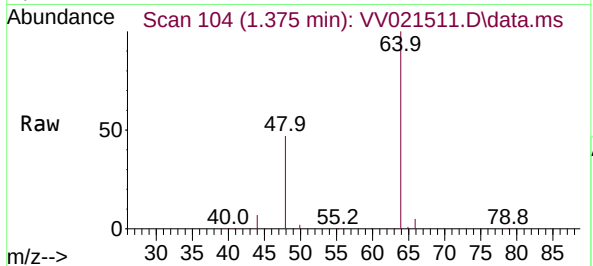




#8
Chloroethane
Concen: 113.540 ug/L
RT: 1.375 min Scan# 104
Delta R.T. -0.209 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

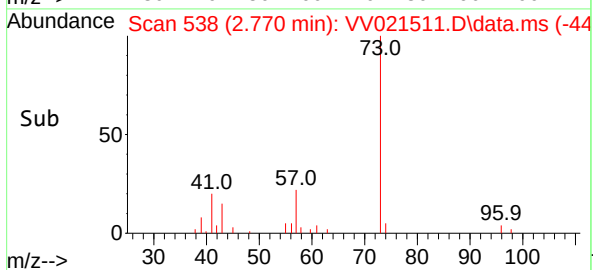
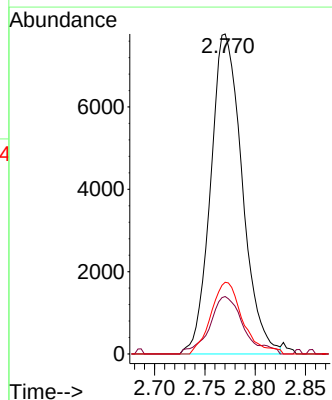
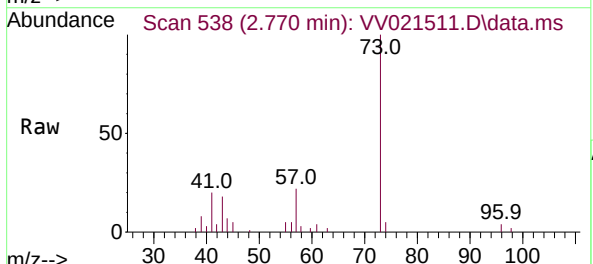
Instrument :
MSVOA_V
ClientSampled :

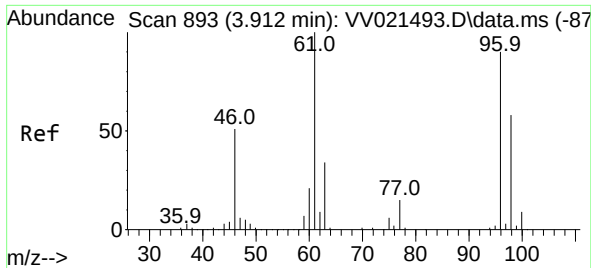
Tgt Ion: 64 Resp: 202785
Ion Ratio Lower Upper
64 100
66 5.0 22.5 41.9#



#18
Methyl tert-butyl Ether
Concen: 1.803 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Tgt Ion: 73 Resp: 16969
Ion Ratio Lower Upper
73 100
43 14.8 13.9 20.9
57 22.5 17.1 25.7

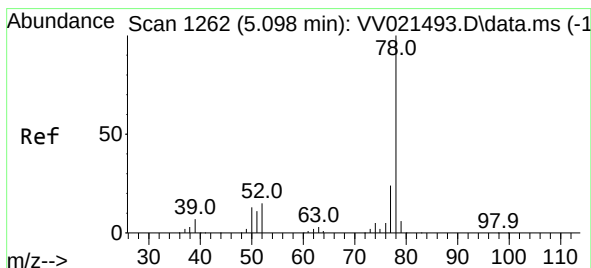
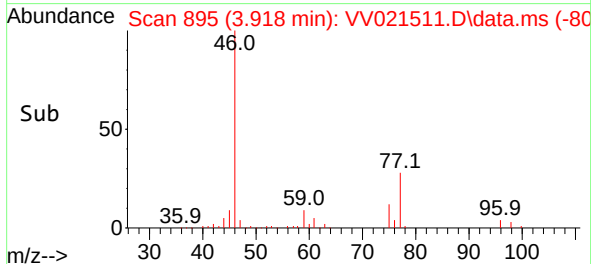
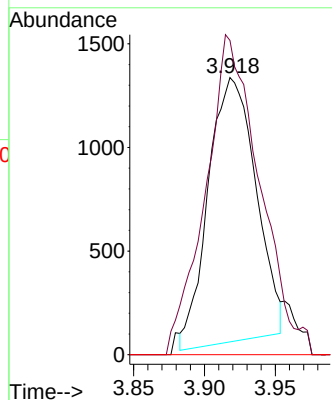
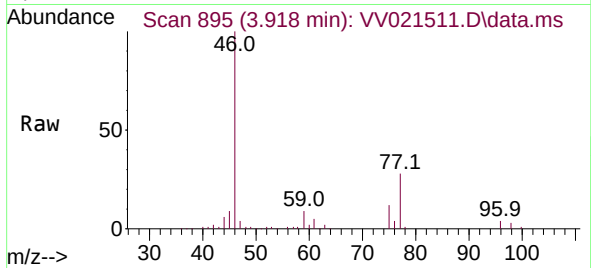




#20
cis-1,2-Dichloroethene
Concen: 0.899 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

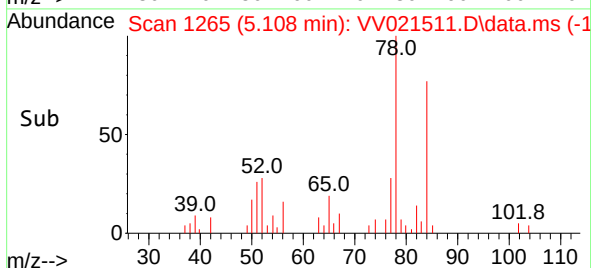
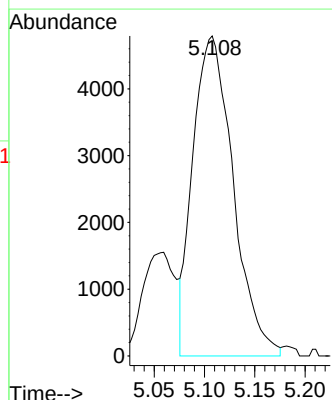
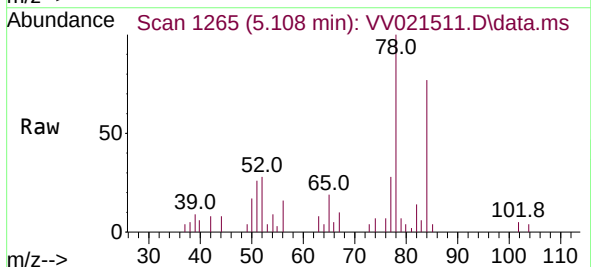
Instrument :
MSVOA_V
ClientSampled :

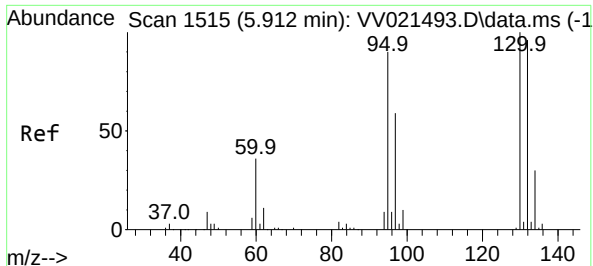
Tgt Ion: 96 Resp: 2985
Ion Ratio Lower Upper
96 100
61 113.4 82.4 153.0
68 0.0 0.0 0.0



#33
Benzene
Concen: 1.114 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Tgt Ion: 78 Resp: 13349

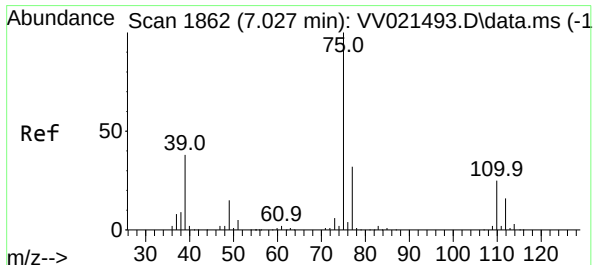
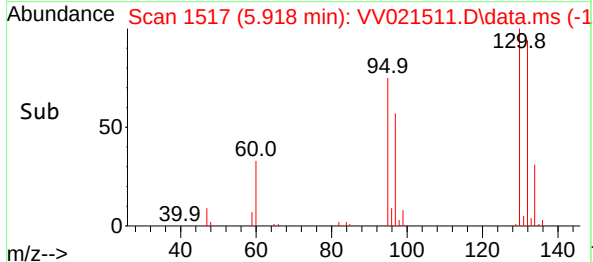
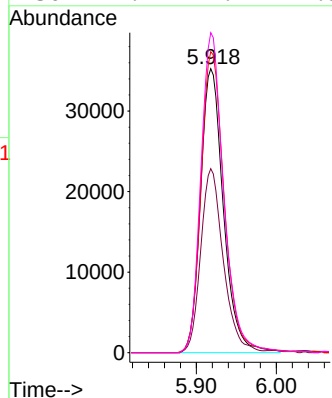
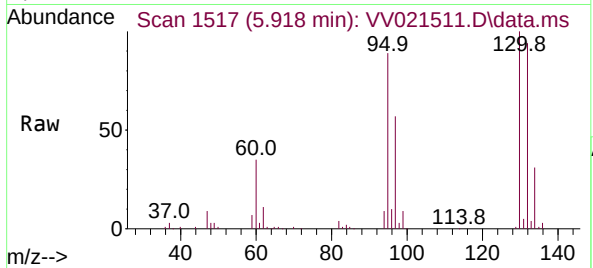




#34
Trichloroethene
Concen: 21.598 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

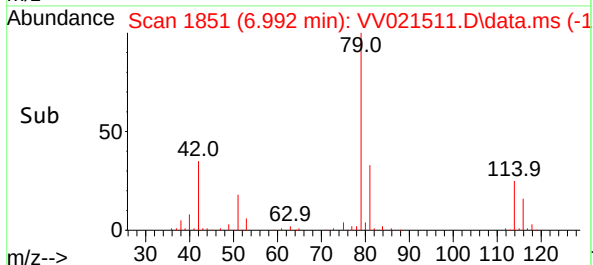
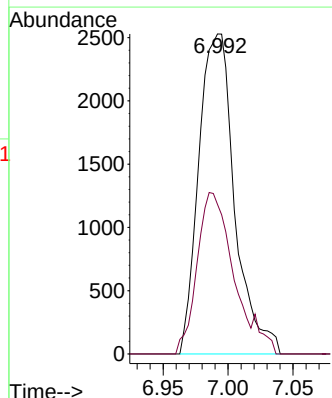
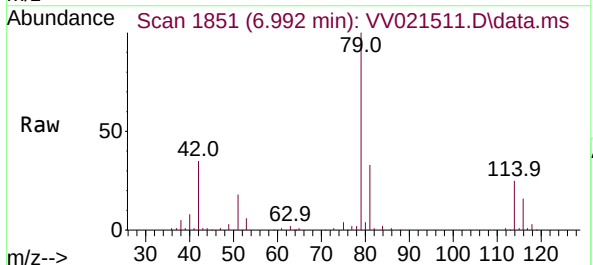
Instrument :
MSVOA_V
ClientSampled :

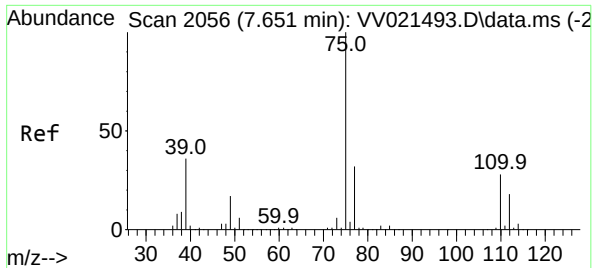
Tgt Ion: 95 Resp: 70360
Ion Ratio Lower Upper
95 100
97 64.8 44.3 82.3
132 106.0 73.2 136.0
130 112.7 77.7 144.3



#39
cis-1,3-Dichloropropene
Concen: 0.947 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

Tgt Ion: 75 Resp: 4866
Ion Ratio Lower Upper
75 100
77 46.7 22.0 41.0#

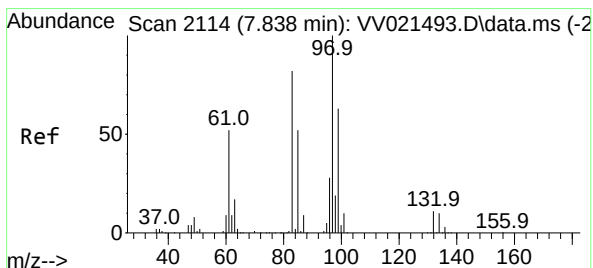
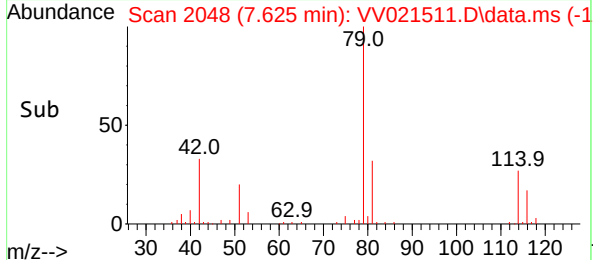
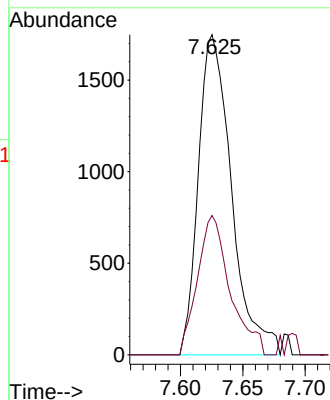
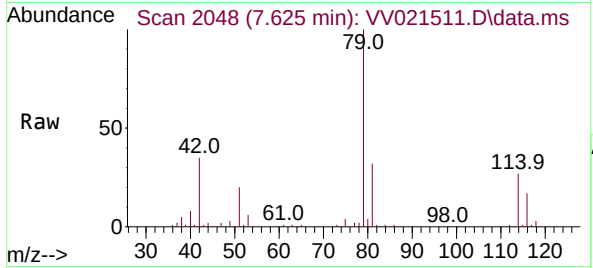




#44
trans-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

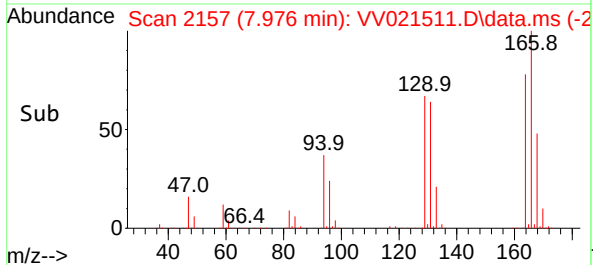
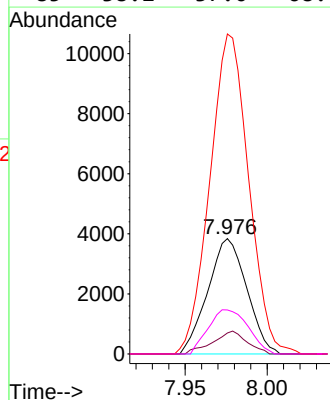
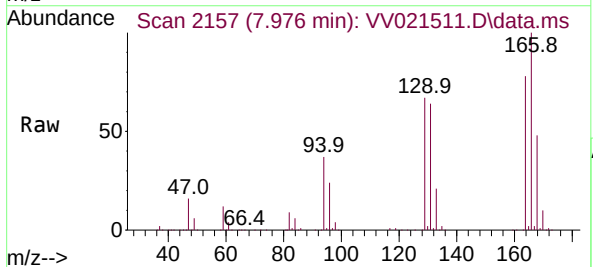
Instrument :
MSVOA_V
ClientSampled :

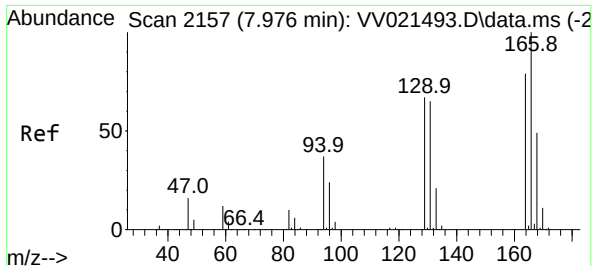
Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
77 43.5 22.9 42.5#



#45
1,1,2-Trichloroethane
Concen: 2.041 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.138 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

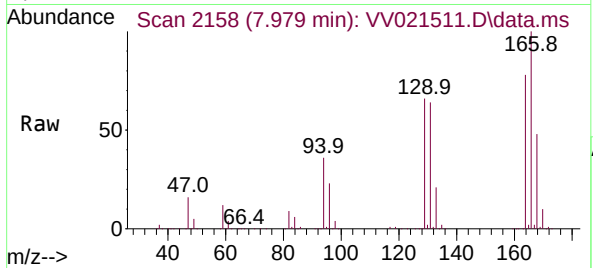
Tgt Ion: 97 Resp: 6330
Ion Ratio Lower Upper
97 100
99 18.1 43.7 81.1#
83 277.4 57.1 106.1#
85 38.2 37.0 68.6



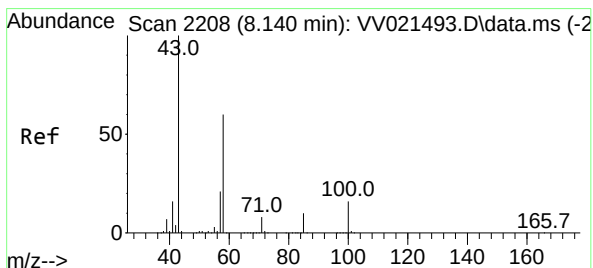
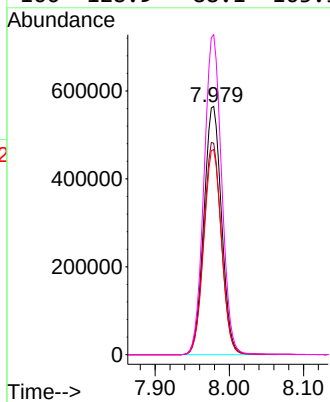
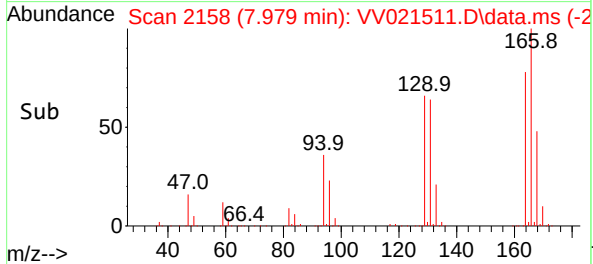


#46
Tetrachloroethene
Concen: 312.528 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54

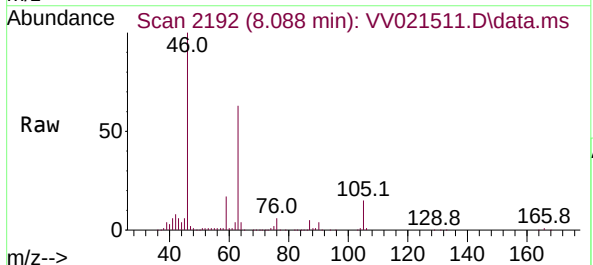
Instrument :
MSVOA_V
ClientSampled :



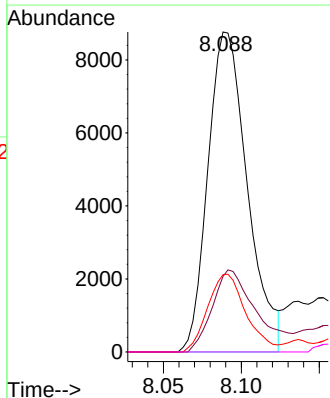
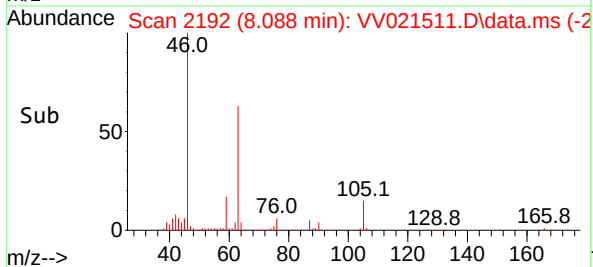
Tgt Ion:164 Resp: 936041
Ion Ratio Lower Upper
164 100
129 85.2 60.5 112.3
131 82.6 58.7 108.9
166 128.9 88.1 163.5

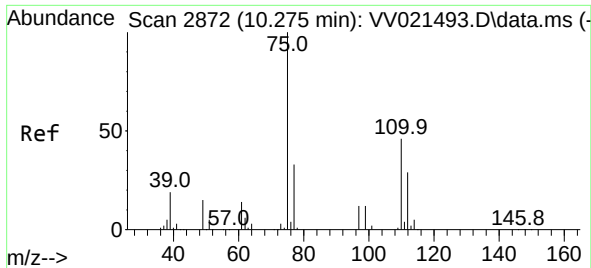


#48
2-Hexanone
Concen: 4.863 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.052 min
Lab File: VV021511.D
Acq: 04 Jun 2021 16:54



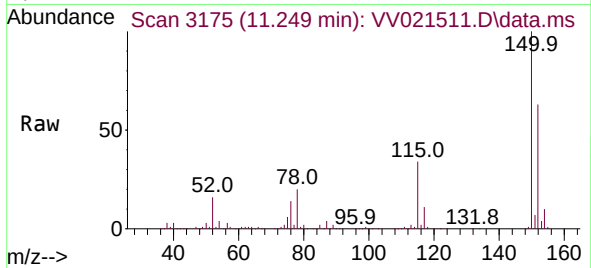
Tgt Ion: 43 Resp: 15454
Ion Ratio Lower Upper
43 100
58 29.1 47.1 70.7#
57 23.6 16.0 24.0
100 0.0 11.9 17.9#





#61
 1,2,3-Trichloropropane
 Concen: 6.045 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV021511.D
 Acq: 04 Jun 2021 16:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp: 22801
Ion Ratio	Lower Upper
75	100
77	34.2 25.9 38.9
110	2.7 34.8 52.2#

