

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060721\
 Data File : VV021527.D
 Acq On : 07 Jun 2021 14:10
 Operator : SY/MD
 Sample : M2605-10 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 08 03:18:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 08 03:17:01 2021
 Response via : Initial Calibration

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

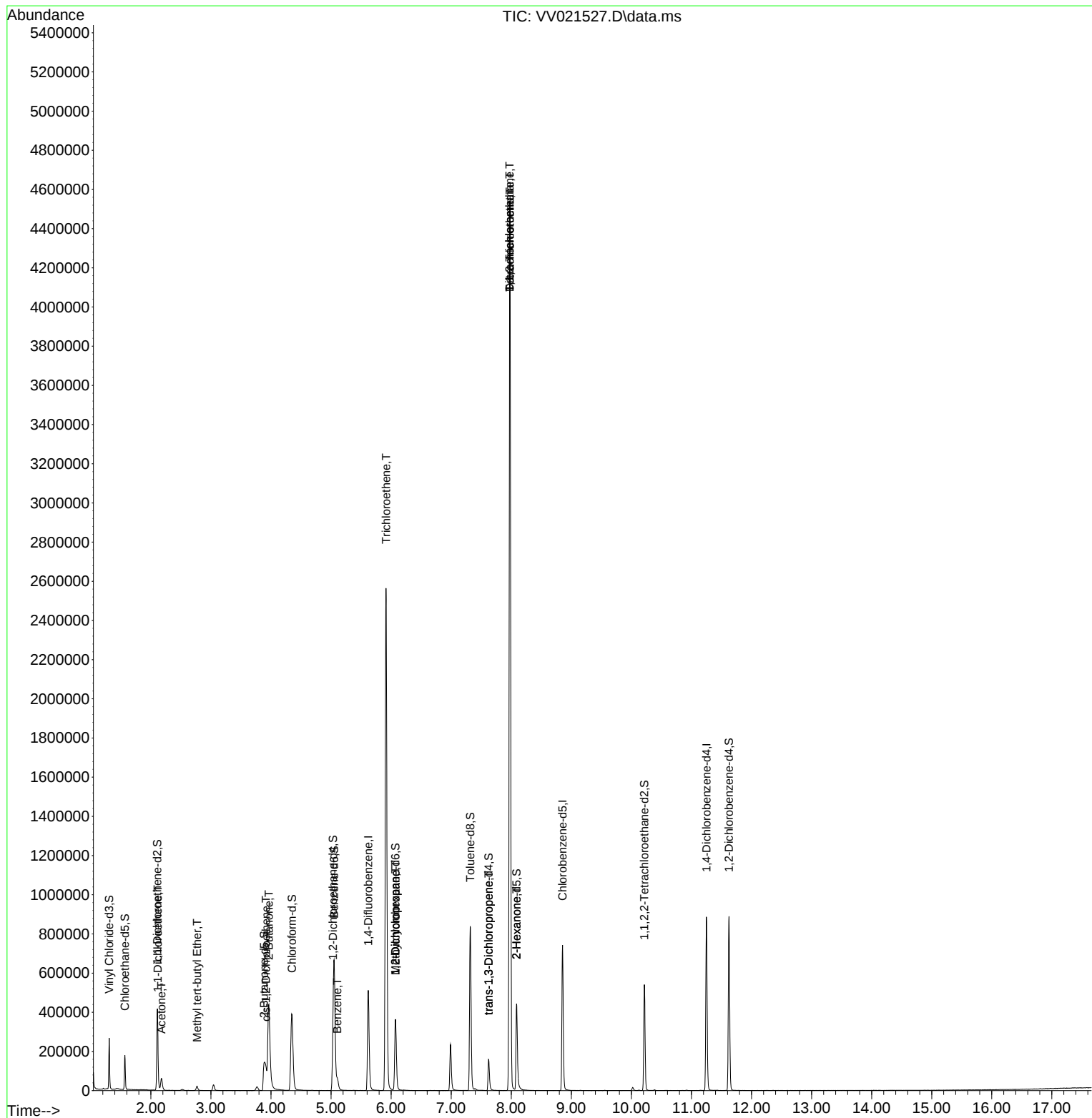
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	475663	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	439677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	258926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	159913	51.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.120%
7) Chloroethane-d5	1.568	69	108165	46.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.860%
11) 1,1-Dichloroethene-d2	2.108	63	204988	38.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.620%
21) 2-Butanone-d5	3.886	46	221733	98.738	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.740%
24) Chloroform-d	4.352	84	289896	46.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.034	65	175637	48.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
32) Benzene-d6	5.053	84	605438	49.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	6.072	67	181874	47.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	7.317	98	580822	49.565	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	7.622	79	97169	47.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.600%
47) 2-Hexanone-d5	8.088	63	165173	94.699	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	252937	47.971	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.940%
66) 1,2-Dichlorobenzene-d4	11.625	152	256115	47.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	5473	1.960	ug/L #	1
13) Acetone	2.175	43	76394	39.537	ug/L #	85
18) Methyl tert-butyl Ether	2.770	73	14937	1.479	ug/L #	51
20) cis-1,2-Dichloroethene	3.915	96	44265	12.423	ug/L	98
22) 2-Butanone	3.963	43	742216	303.232	ug/L	95
33) Benzene	5.104	78	59487	4.727	ug/L	100
34) Trichloroethene	5.915	95	878208	256.733	ug/L	97
35) Methylcyclohexane	6.072	83	44986	8.192	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	18780	5.853	ug/L #	85
44) trans-1,3-Dichloropropene	7.622	75	4047	0.793	ug/L	83
45) 1,1,2-Trichloroethane	7.976	97	7687	2.360	ug/L #	1
46) Tetrachloroethene	7.979	164	1123522	357.242	ug/L	98
48) 2-Hexanone	8.088	43	15770	4.726	ug/L #	67
49) Dibromochloromethane	7.976	129	937103	229.800	ug/L #	12

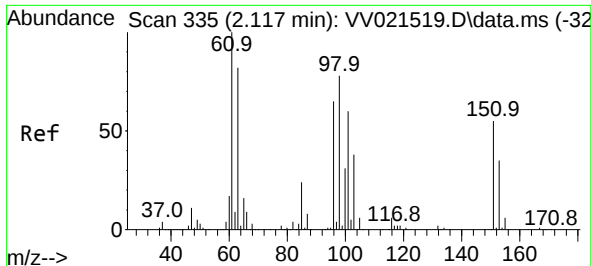
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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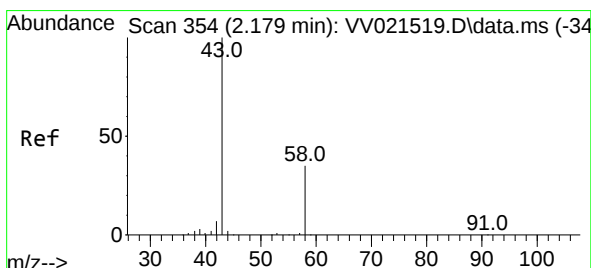
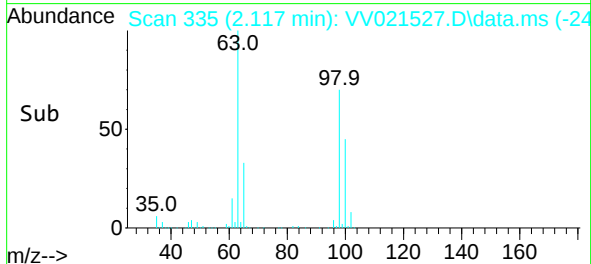
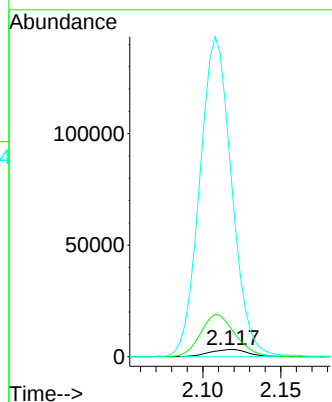
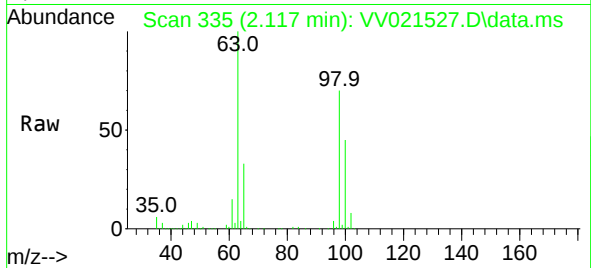




#12
1,1-Dichloroethene
Concen: 1.960 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

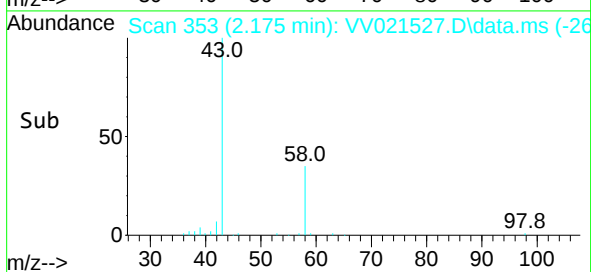
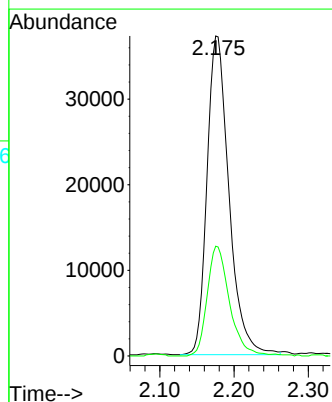
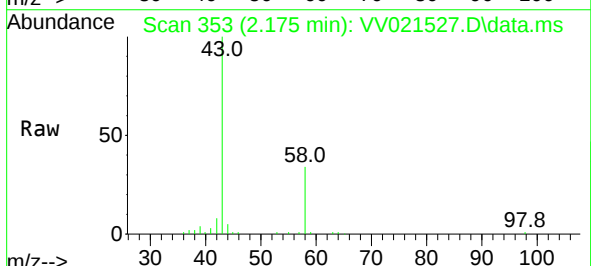
Instrument :
MSVOA_V
ClientSampled :

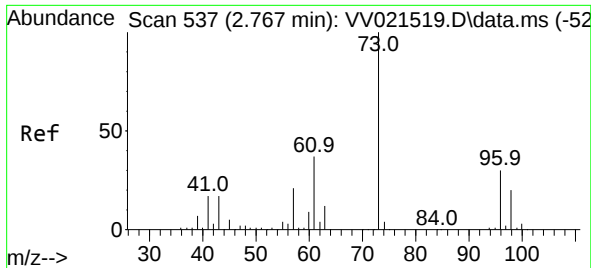
Tgt Ion: 96 Resp: 5473
Ion Ratio Lower Upper
96 100
61 411.5 107.7 200.1#
63 2698.5 86.6 160.8#



#13
Acetone
Concen: 39.537 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion: 43 Resp: 76394
Ion Ratio Lower Upper
43 100
58 34.9 0.0 0.2#

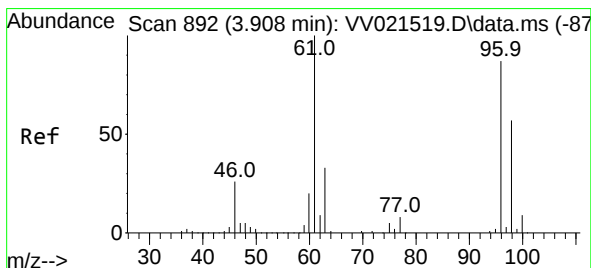
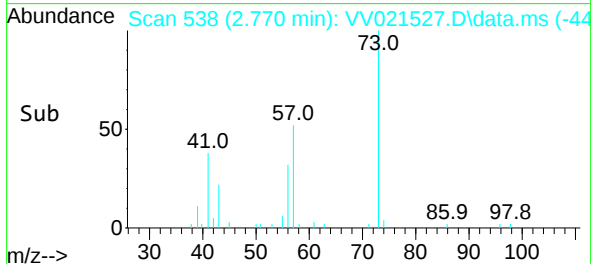
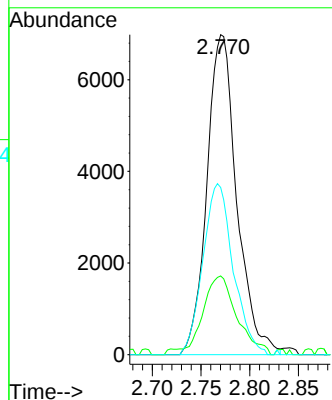
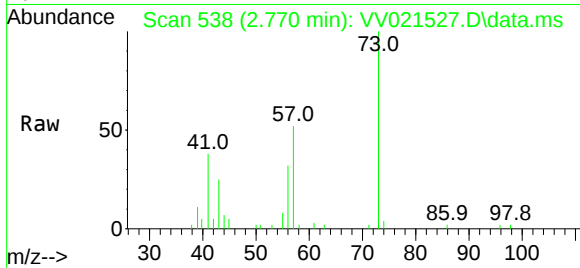




#18
Methyl tert-butyl Ether
Concen: 1.479 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

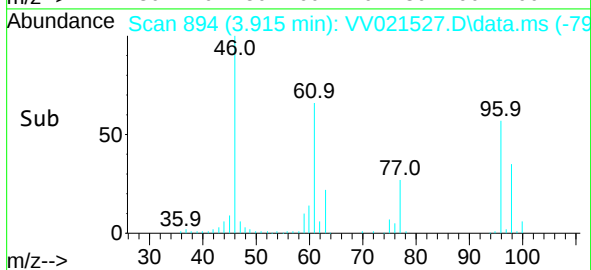
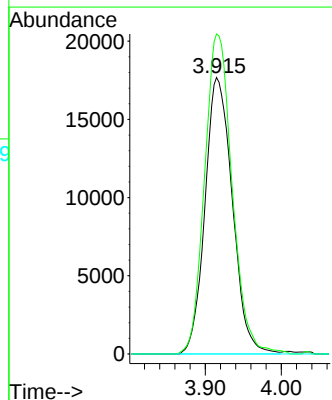
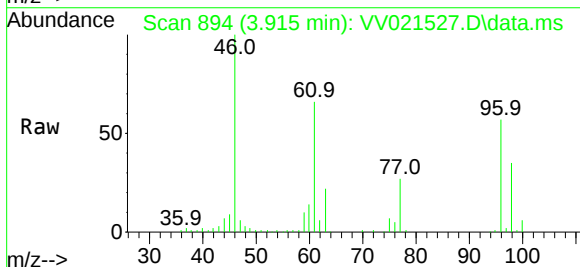
Instrument :
MSVOA_V
ClientSampled :

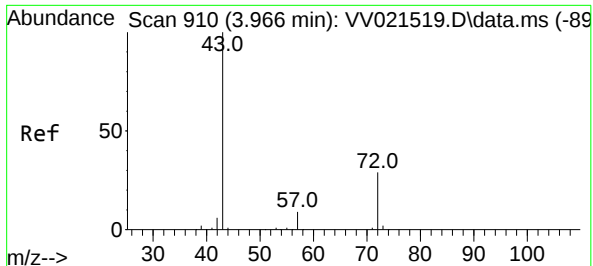
Tgt Ion: 73 Resp: 14937
Ion Ratio Lower Upper
73 100
43 27.7 13.9 20.9#
57 54.1 17.1 25.7#



#20
cis-1,2-Dichloroethene
Concen: 12.423 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion: 96 Resp: 44265
Ion Ratio Lower Upper
96 100
61 115.7 82.4 153.0
68 0.0 0.0 0.0

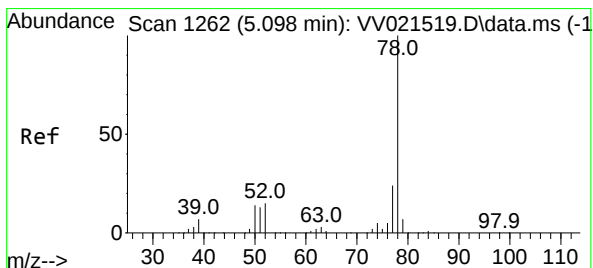
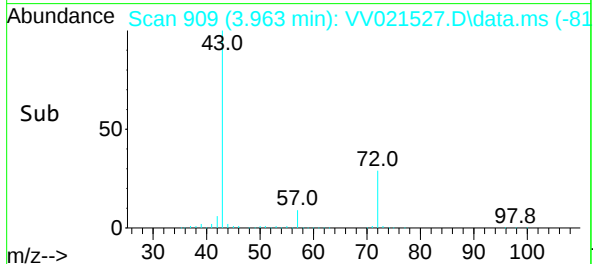
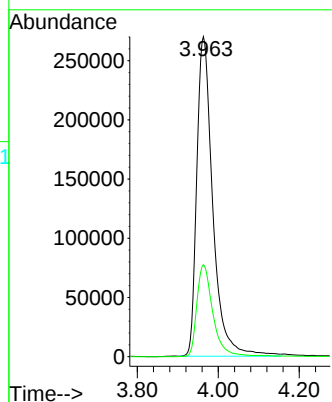
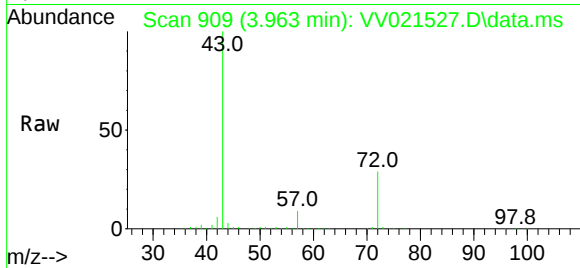




#22
2-Butanone
Concen: 303.232 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

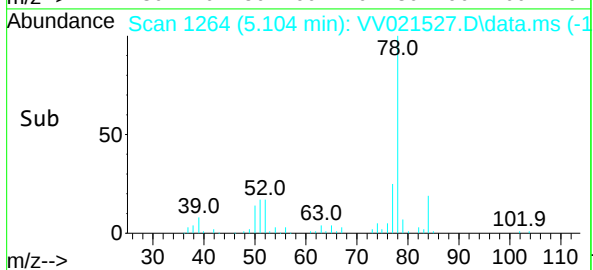
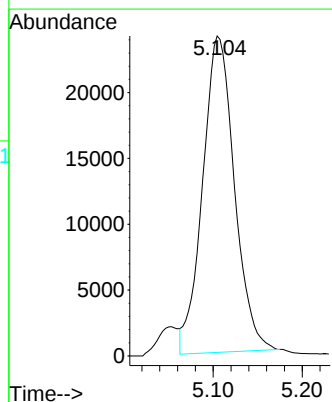
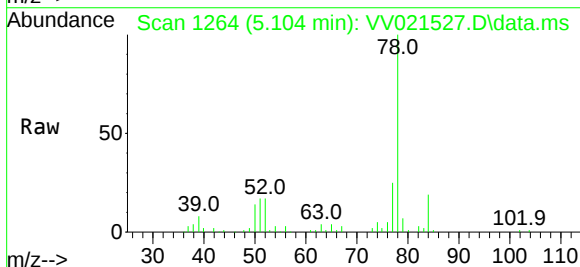
Instrument :
MSVOA_V
ClientSampled :

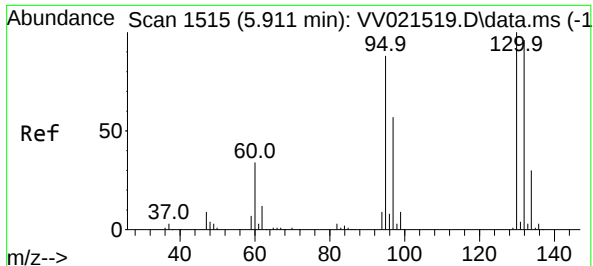
Tgt Ion: 43 Resp: 742216
Ion Ratio Lower Upper
43 100
72 28.4 13.1 39.1



#33
Benzene
Concen: 4.727 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion: 78 Resp: 59487

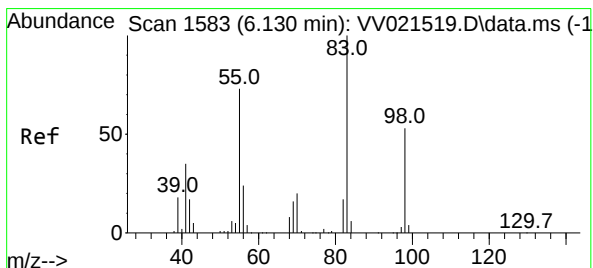
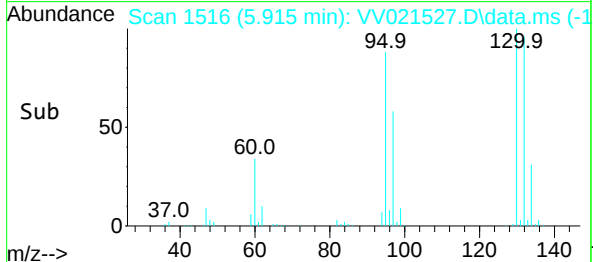
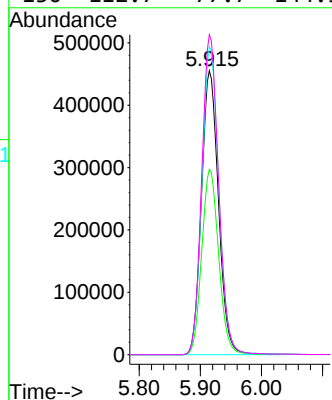
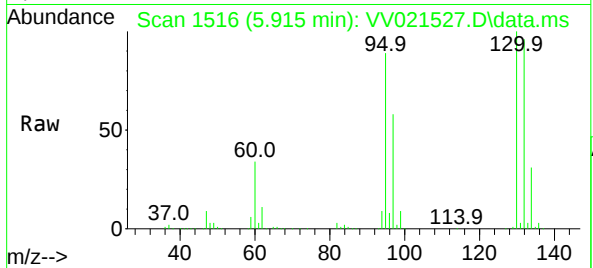




#34
Trichloroethene
Concen: 256.733 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

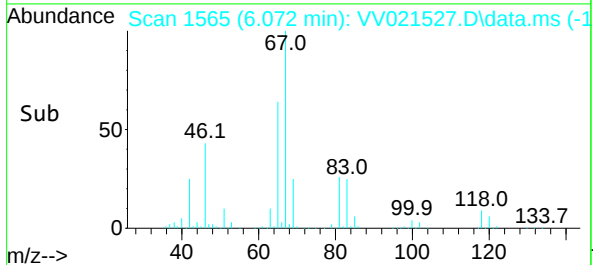
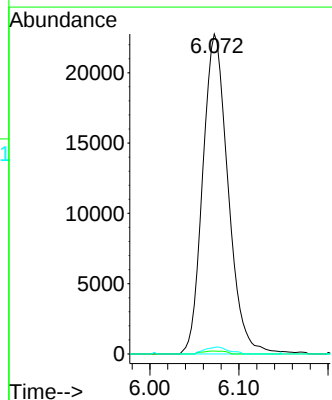
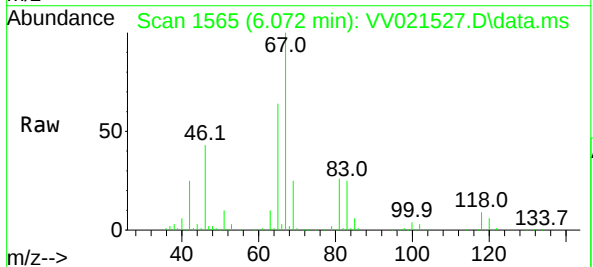
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ClientSampled :

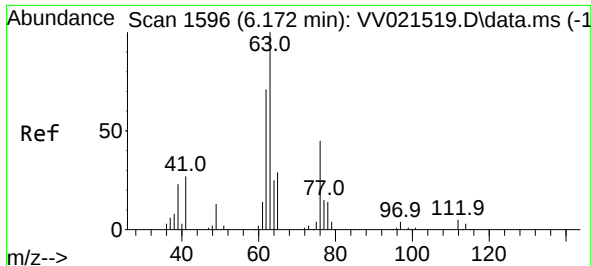
Tgt Ion: 95 Resp: 878208
Ion Ratio Lower Upper
95 100
97 65.3 44.3 82.3
132 108.5 73.2 136.0
130 112.7 77.7 144.3



#35
Methylcyclohexane
Concen: 8.192 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion: 83 Resp: 44986
Ion Ratio Lower Upper
83 100
55 0.6 58.0 87.0#
98 1.9 40.8 61.2#





#37

1,2-Dichloropropane

Concen: 5.853 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV021527.D

Acq: 07 Jun 2021 14:10

Tgt Ion: 63 Resp: 18780

Ion Ratio Lower Upper

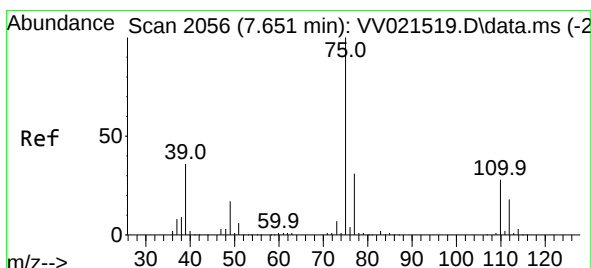
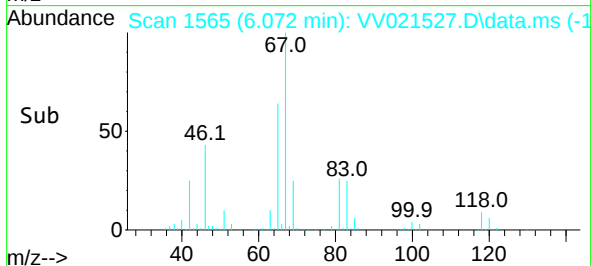
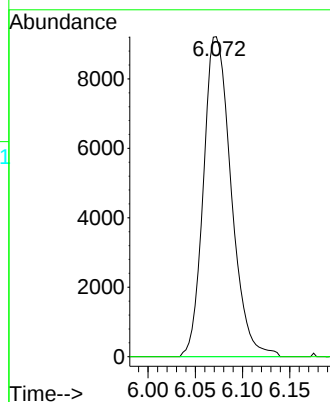
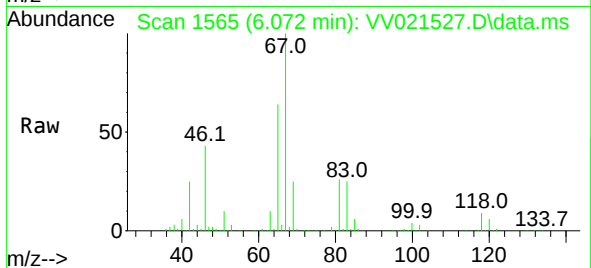
63 100

112 0.0 4.0 6.0#

Instrument :

MSVOA_V

ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 0.793 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV021527.D

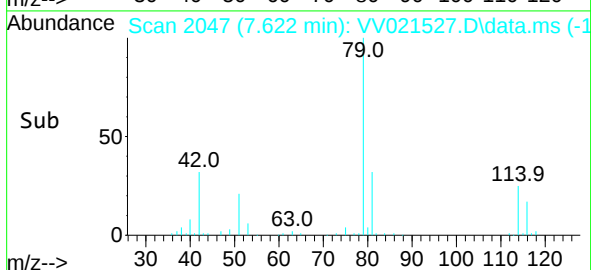
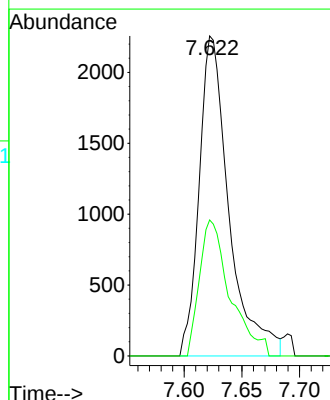
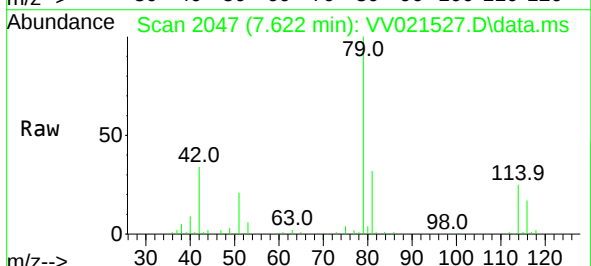
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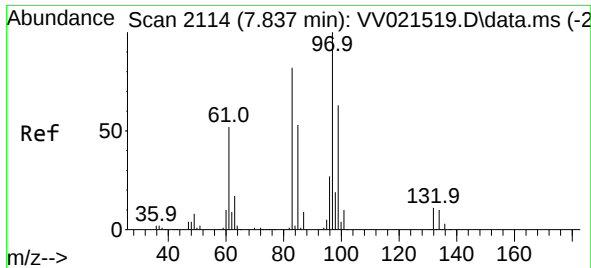
Tgt Ion: 75 Resp: 4047

Ion Ratio Lower Upper

75 100

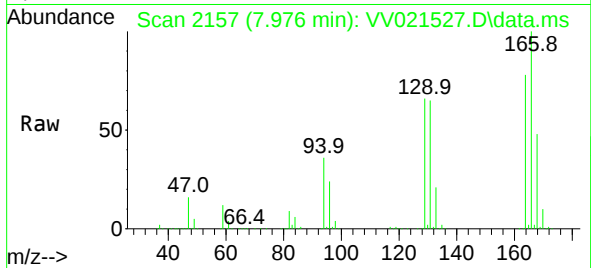
77 42.5 22.9 42.5



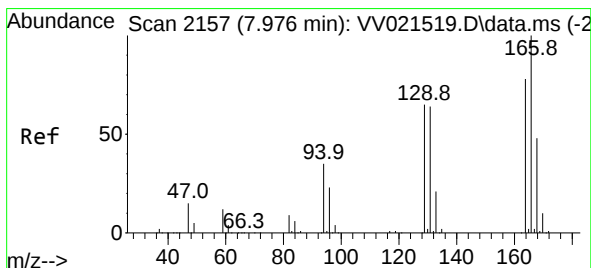
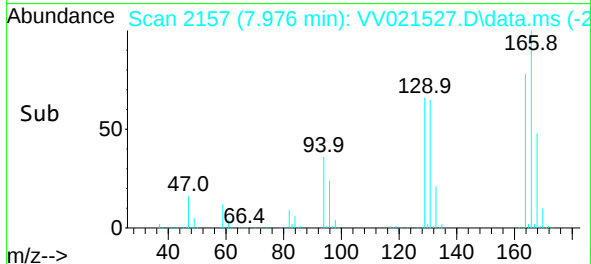
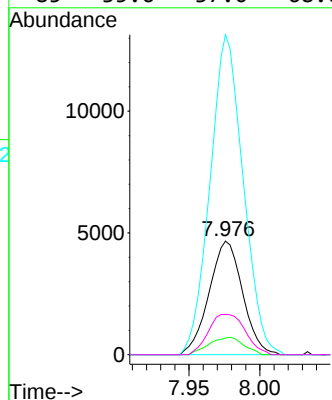


#45
1,1,2-Trichloroethane
Concen: 2.360 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.138 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

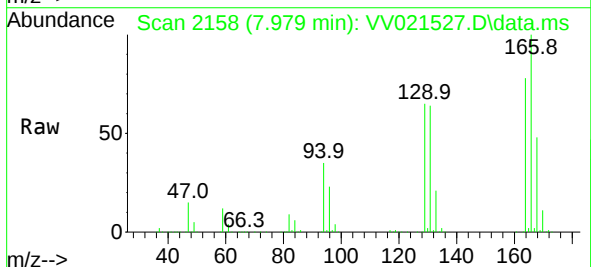
Instrument :
MSVOA_V
ClientSampled :



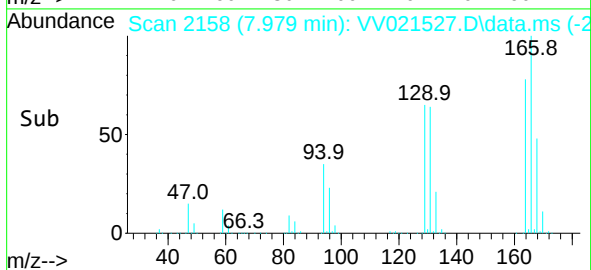
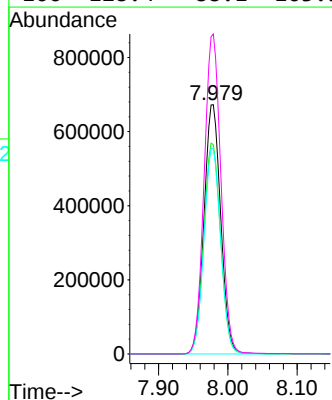
Tgt Ion: 97 Resp: 7687
Ion Ratio Lower Upper
97 100
99 14.7 43.7 81.1#
83 281.8 57.1 106.1#
85 35.6 37.0 68.6#

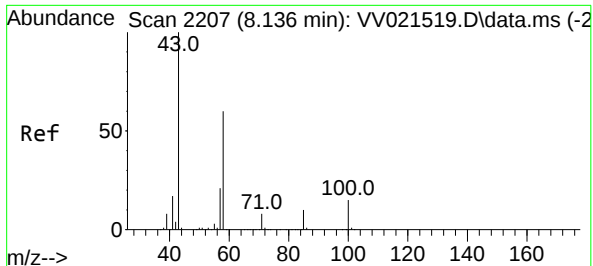


#46
Tetrachloroethene
Concen: 357.242 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10



Tgt Ion:164 Resp: 1123522
Ion Ratio Lower Upper
164 100
129 83.9 60.5 112.3
131 82.5 58.7 108.9
166 128.4 88.1 163.5

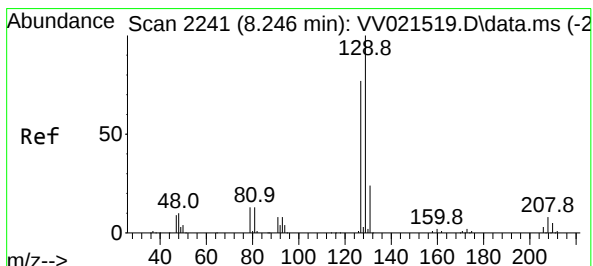
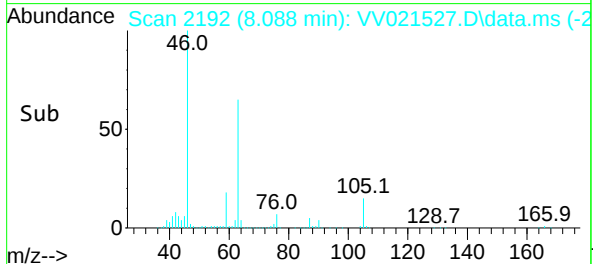
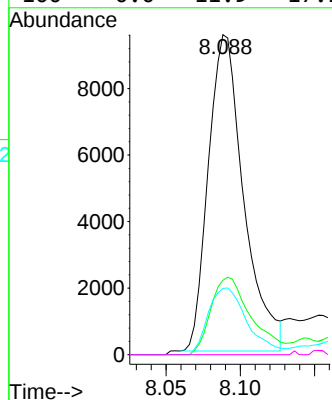
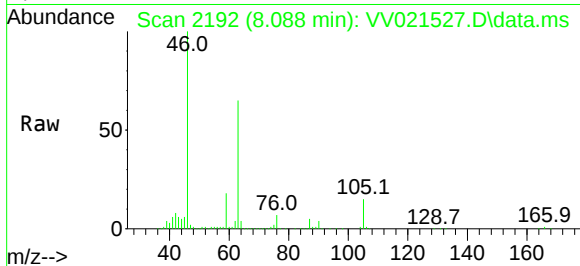




#48
2-Hexanone
Concen: 4.726 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43	Resp: 15770
Ion Ratio	Lower Upper
43 100	
58 28.1	47.1 70.7#
57 23.4	16.0 24.0
100 0.0	11.9 17.9#



#49
Dibromochloromethane
Concen: 229.800 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion:129	Resp: 937103		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.0	98.4#	

