

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060321\
 Data File : VV021489.D
 Acq On : 03 Jun 2021 15:58
 Operator : SY/MD
 Sample : M2605-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 03:08:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 04 03:06:56 2021
 Response via : Initial Calibration

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

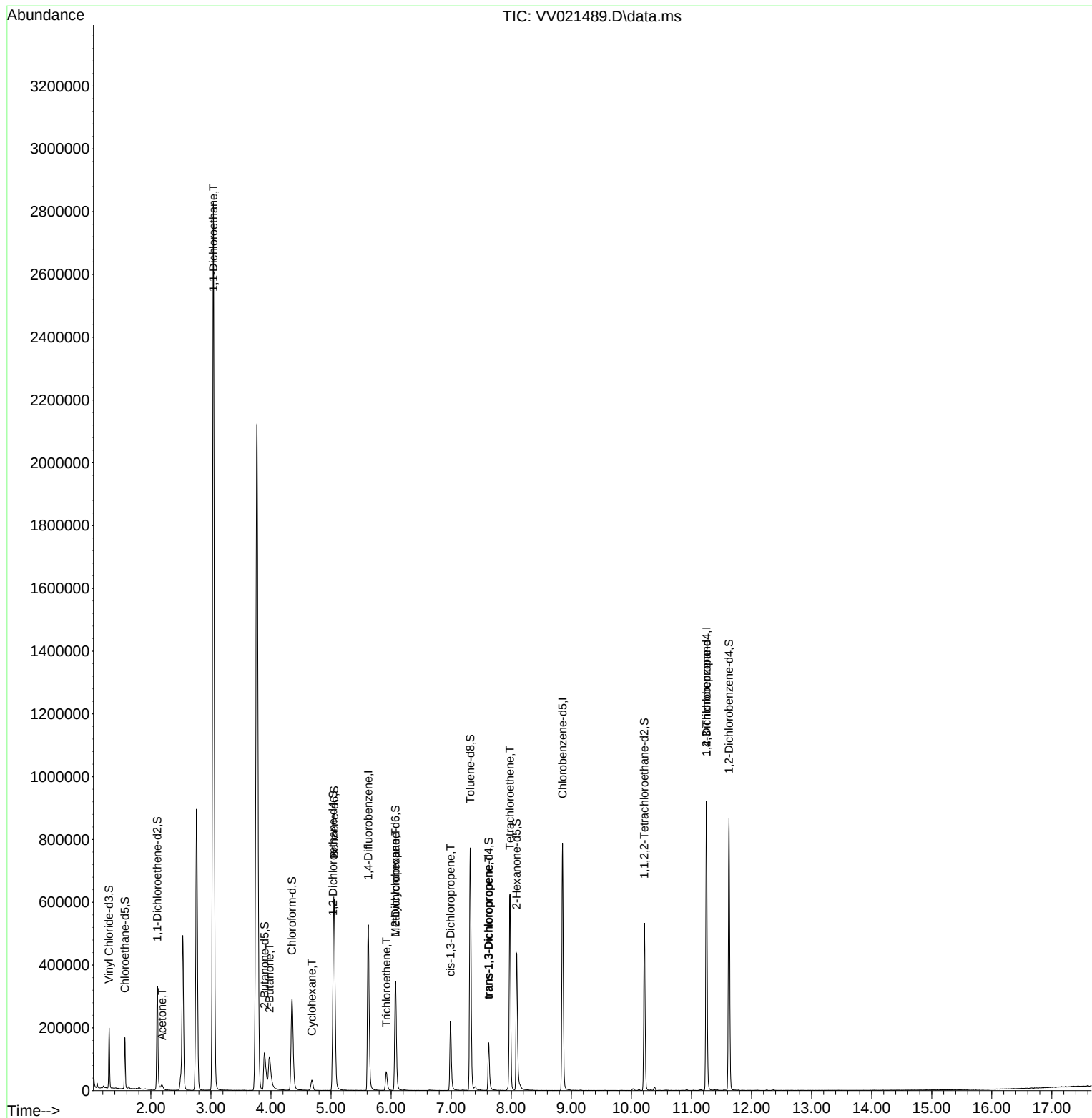
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	489833	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	463497	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	264761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	120091	37.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.480%
7) Chloroethane-d5	1.568	69	100539	41.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.820%
11) 1,1-Dichloroethene-d2	2.108	63	167358	30.370	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.740%
21) 2-Butanone-d5	3.892	46	221488	95.775	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.352	84	271207	42.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.500%
26) 1,2-Dichloroethane-d4	5.034	65	164735	44.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.100%
32) Benzene-d6	5.053	84	554382	42.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	6.072	67	175487	43.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.660%
41) Toluene-d8	7.317	98	532807	43.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.260%
43) trans-1,3-Dichloroprop...	7.625	79	90015	42.006	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.020%
47) 2-Hexanone-d5	8.088	63	165644	90.089	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.090%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	253821	45.665	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	11.625	152	243980	44.330	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.660%
Target Compounds	Qvalue					
13) Acetone	2.185	43	23128	11.623	ug/L #	84
19) 1,1-Dichloroethane	3.040	63	4517	0.777	ug/L #	1
22) 2-Butanone	3.976	43	198794	78.868	ug/L	94
29) Cyclohexane	4.680	56	18567	3.438	ug/L	96
34) Trichloroethene	5.921	95	19856	5.506	ug/L	93
35) Methylcyclohexane	6.072	83	42996	7.428	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	5494	0.966	ug/L #	63
44) trans-1,3-Dichloropropene	7.622	75	3744	0.696	ug/L	91
46) Tetrachloroethene	7.979	164	156405	47.176	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	24921	5.991	ug/L #	64

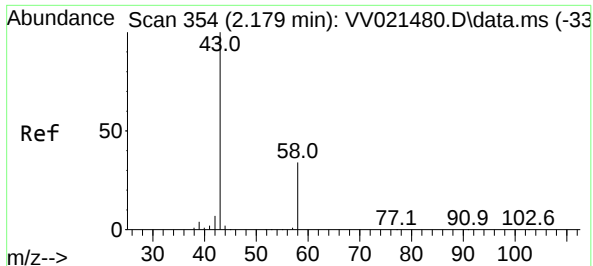
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 04 03:06:56 2021
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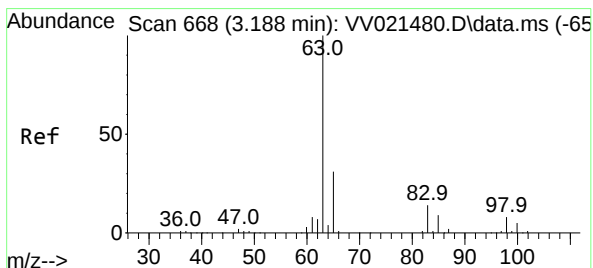
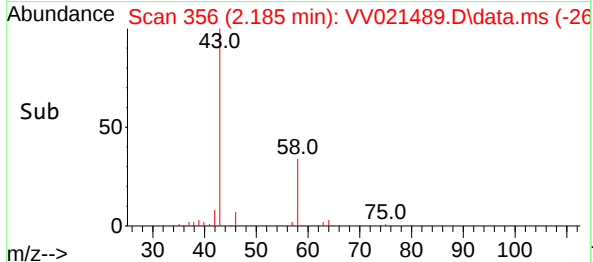
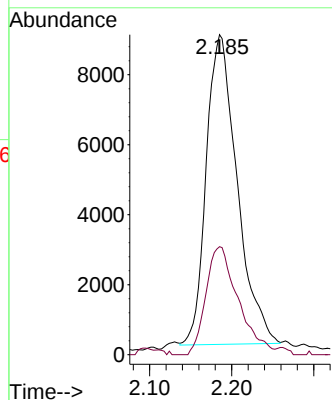
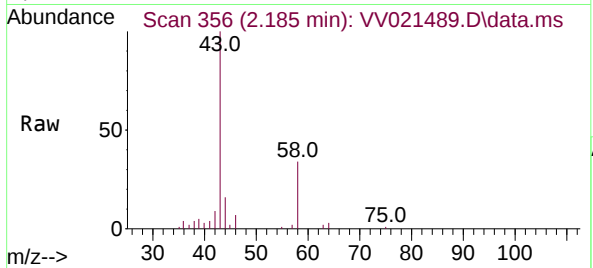




#13
Acetone
Concen: 11.623 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.007 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

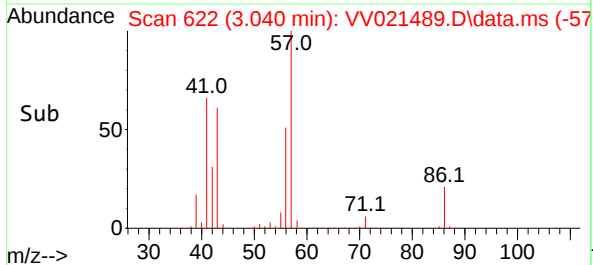
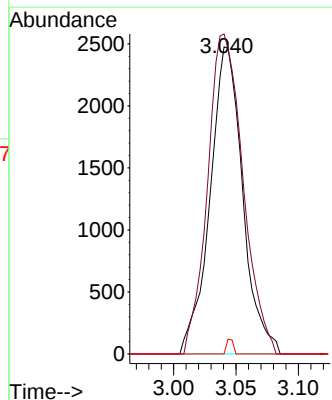
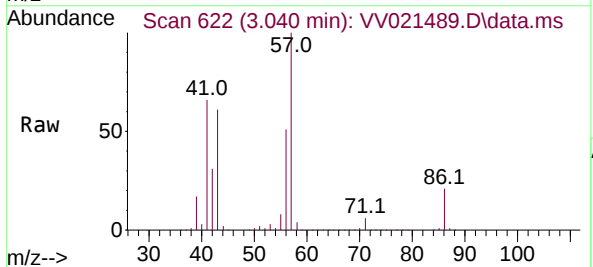
Instrument :
MSVOA_V
ClientSampled :

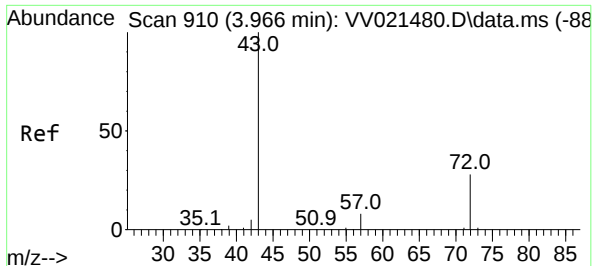
Tgt Ion: 43 Resp: 23128
Ion Ratio Lower Upper
43 100
58 36.6 0.0 0.2#



#19
1,1-Dichloroethane
Concen: 0.777 ug/L
RT: 3.040 min Scan# 622
Delta R.T. -0.148 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

Tgt Ion: 63 Resp: 4517
Ion Ratio Lower Upper
63 100
65 104.2 22.5 41.7#
83 0.0 10.1 18.9#

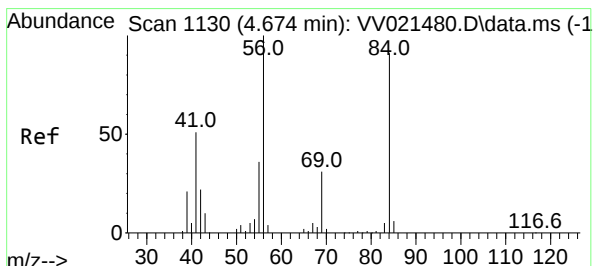
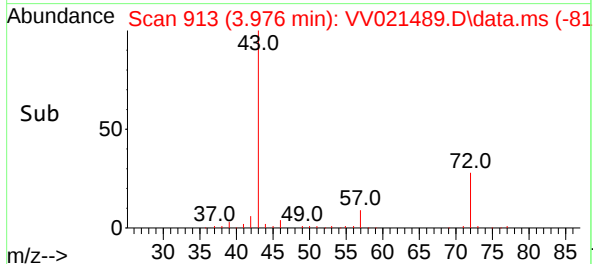
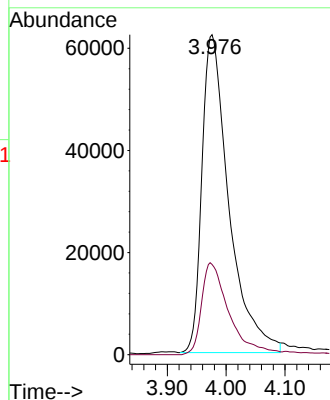
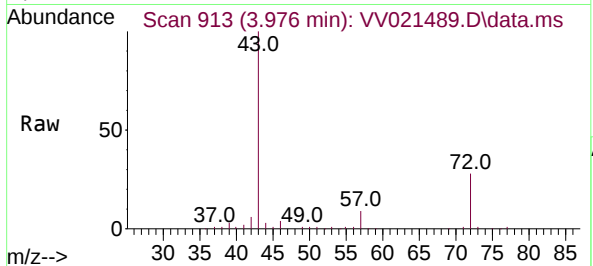




#22
2-Butanone
Concen: 78.868 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.010 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

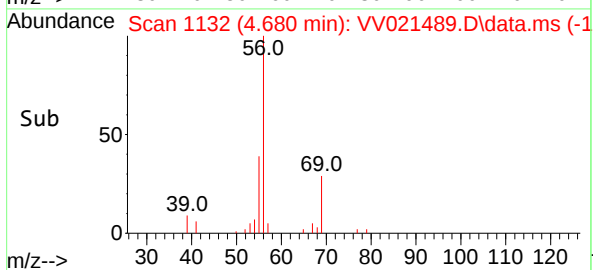
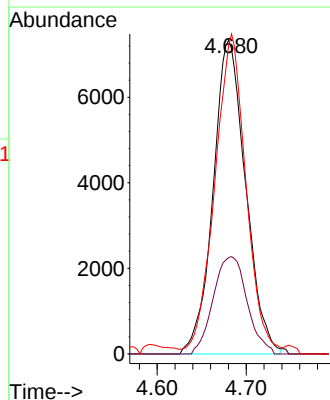
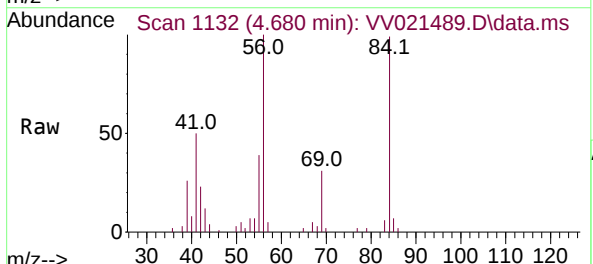
Instrument :
MSVOA_V
ClientSampled :

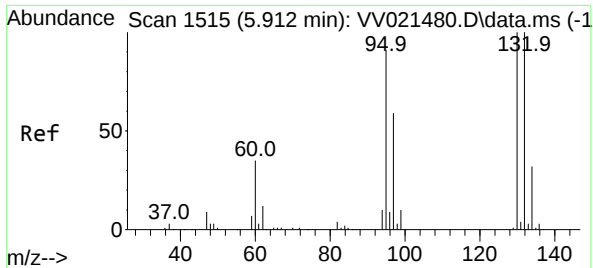
Tgt Ion: 43 Resp: 198794
Ion Ratio Lower Upper
43 100
72 29.2 13.1 39.1



#29
Cyclohexane
Concen: 3.438 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

Tgt Ion: 56 Resp: 18567
Ion Ratio Lower Upper
56 100
69 32.3 24.9 37.3
84 96.0 73.7 110.5

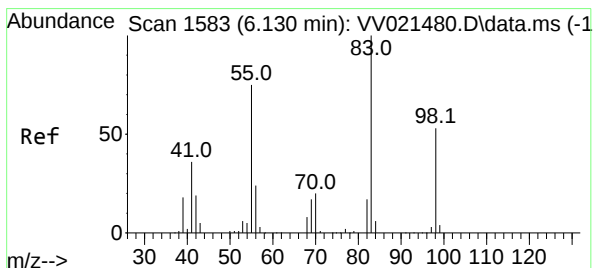
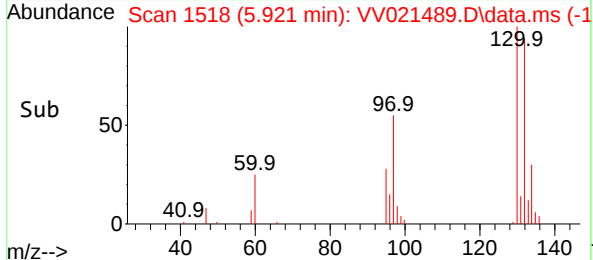
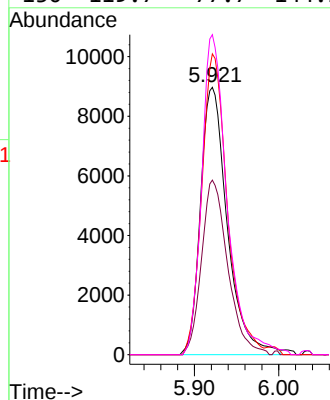
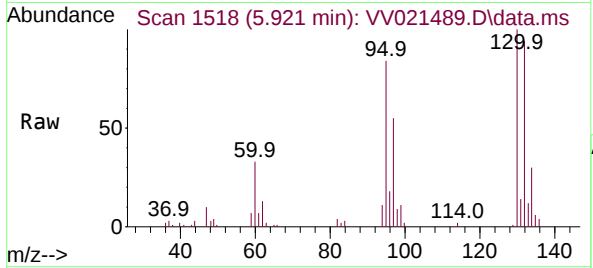




#34
Trichloroethene
Concen: 5.506 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

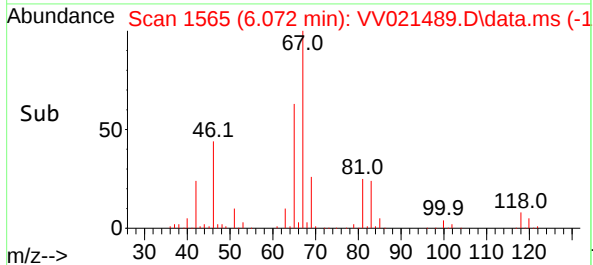
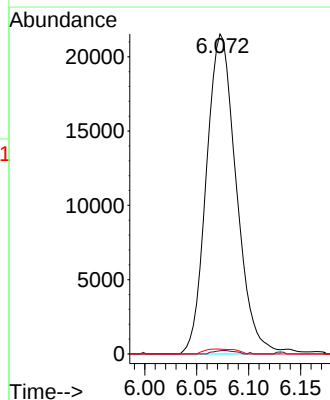
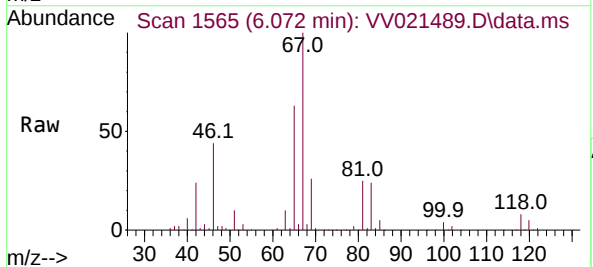
Instrument :
MSVOA_V
ClientSampled :

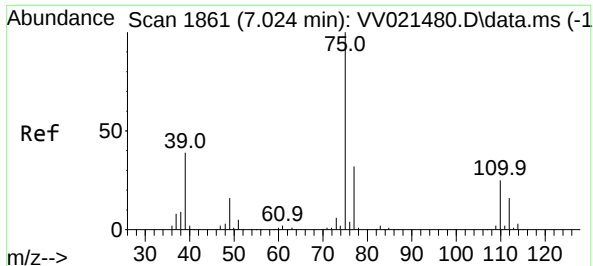
Tgt Ion:	95	Resp:	19856
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.3	82.3
132	112.5	73.2	136.0
130	119.7	77.7	144.3



#35
Methylcyclohexane
Concen: 7.428 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

Tgt Ion:	83	Resp:	42996
Ion	Ratio	Lower	Upper
83	100		
55	0.8	58.0	87.0#
98	1.3	40.8	61.2#



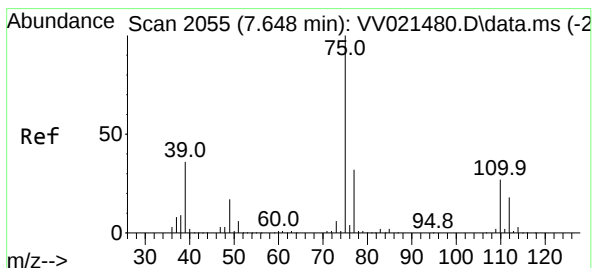
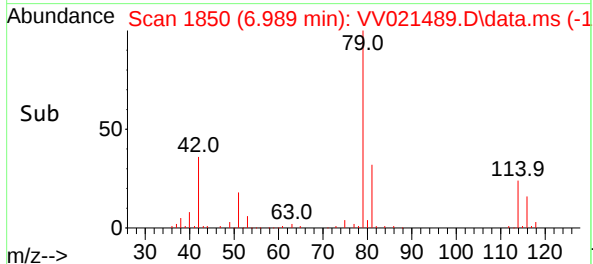
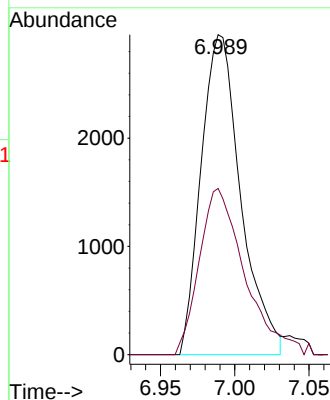
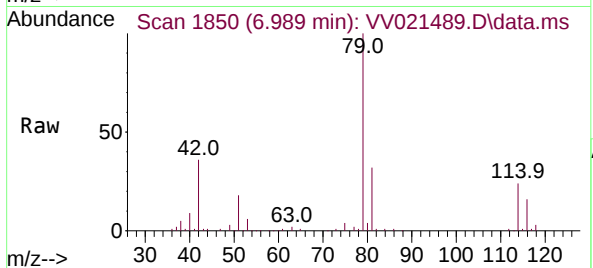


#39

cis-1,3-Dichloropropene
Concen: 0.966 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

Instrument :
MSVOA_V
ClientSampled :

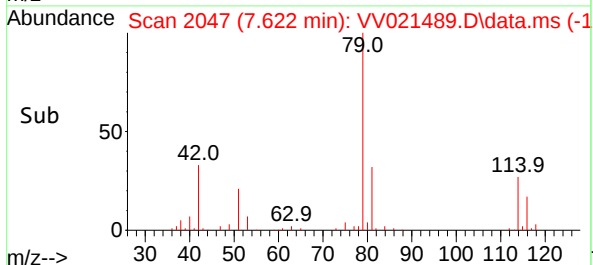
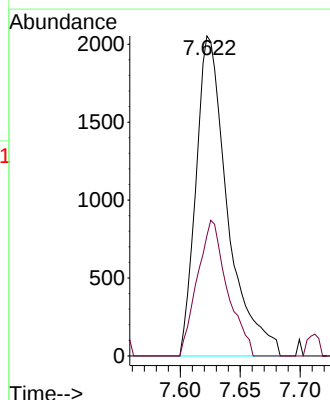
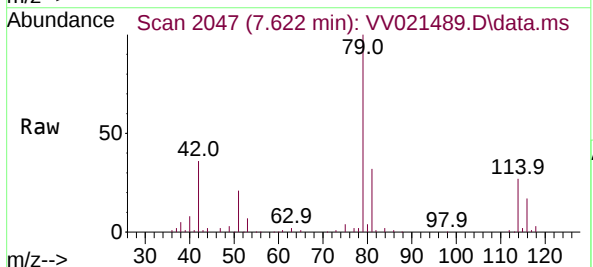
Tgt Ion: 75 Resp: 5494
Ion Ratio Lower Upper
75 100
77 52.0 22.0 41.0#

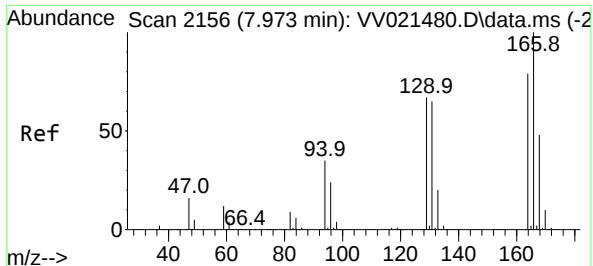


#44

trans-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

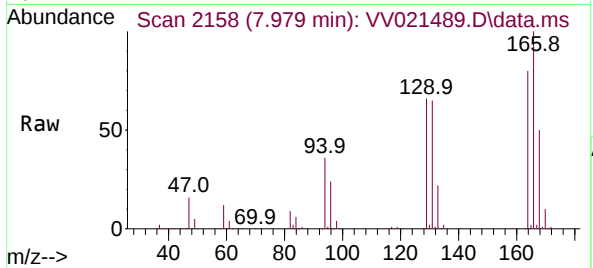
Tgt Ion: 75 Resp: 3744
Ion Ratio Lower Upper
75 100
77 37.6 22.9 42.5



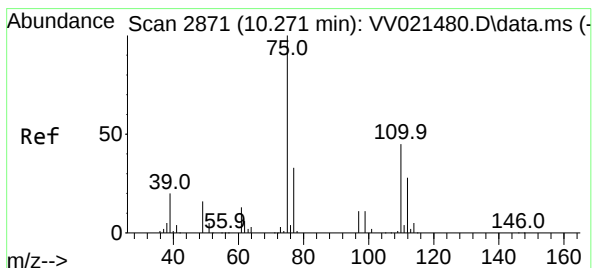
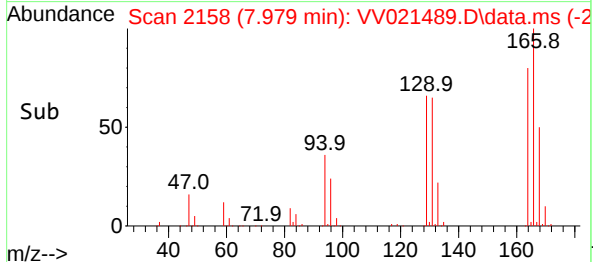
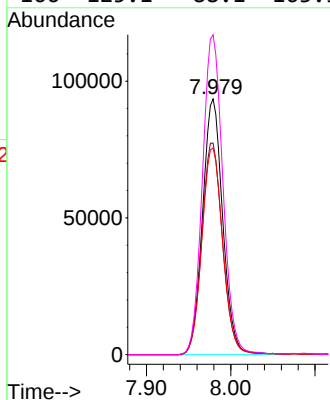


#46
Tetrachloroethene
Concen: 47.176 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58

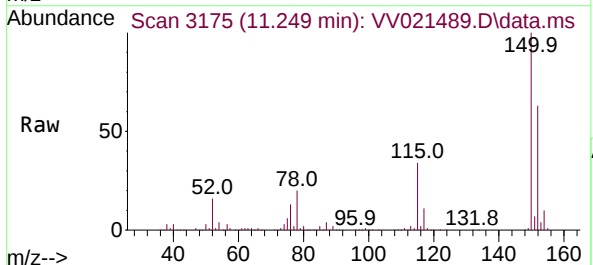
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 156405
Ion Ratio Lower Upper
164 100
129 82.8 60.5 112.3
131 80.8 58.7 108.9
166 125.1 88.1 163.5



#61
1,2,3-Trichloropropane
Concen: 5.991 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV021489.D
Acq: 03 Jun 2021 15:58



Tgt Ion: 75 Resp: 24921
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
110 3.0 34.8 52.2#

