

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020477.D
 Acq On : 09 Mar 2021 17:40
 Operator : SY/MD
 Sample : M1617-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0M9

Quant Time: Mar 10 00:21:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 10 00:20:01 2021
 Response via : Initial Calibration

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

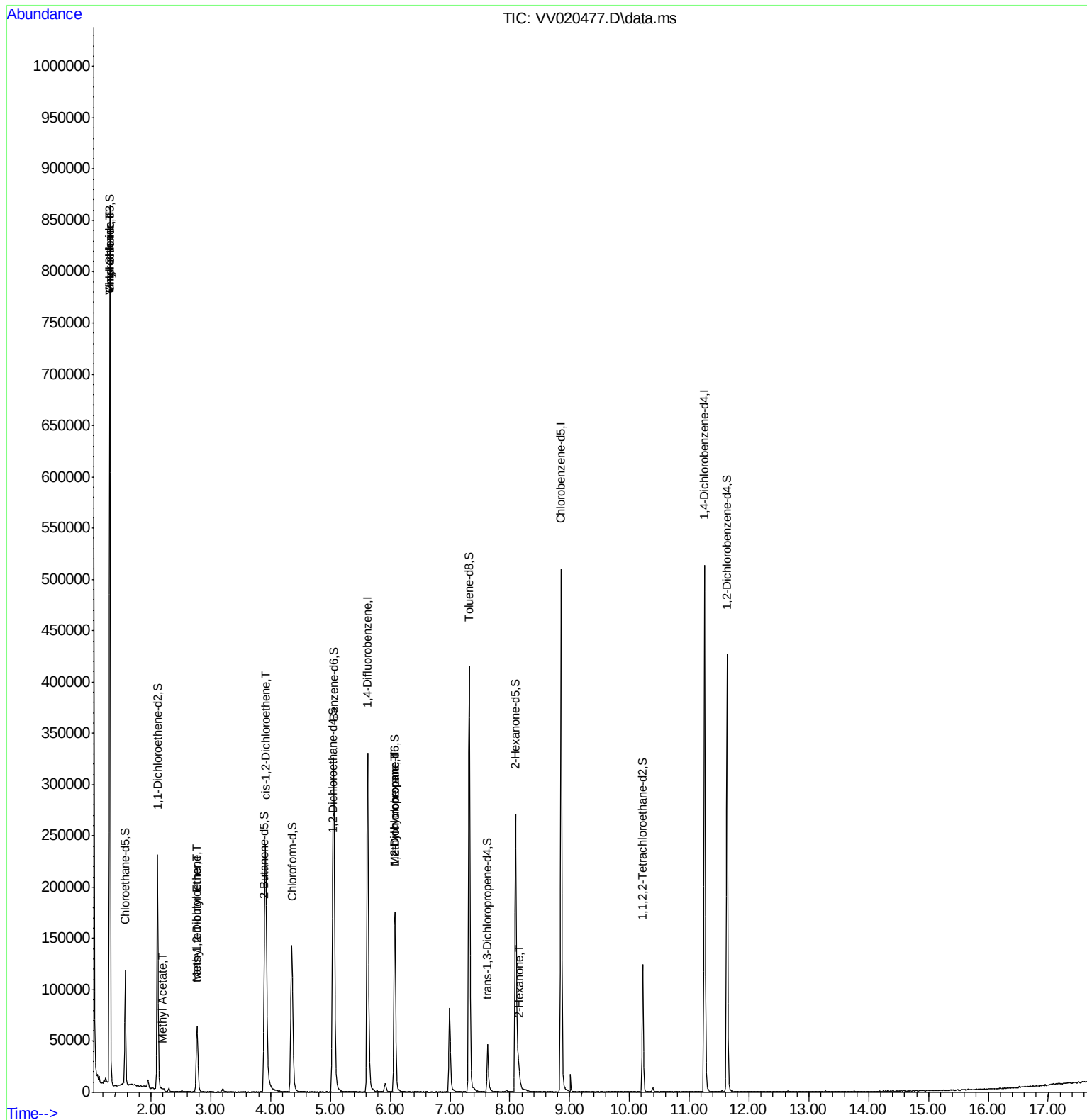
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	305949	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	298360	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	143464	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91271	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.568	69	71669	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.111	63	116240	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	3.896	46	137407	36.82	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.64%
24) Chloroform-d	4.352	84	156258	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.037	65	73266	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
32) Benzene-d6	5.056	84	316402	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.075	67	89760	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.320	98	288008	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
45) trans-1,3-Dichloroprop...	7.628	79	29846	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
48) 2-Hexanone-d5	8.095	63	93188	31.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.88%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	59119	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.20%
65) 1,2-Dichlorobenzene-d4	11.632	152	118695	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						
5) Vinyl chloride	1.310	62	450133	12.54	ug/L	99
8) Chloroethane	1.310	64	144995	6.70	ug/L #	43
15) Methyl Acetate	2.188	43	3162	0.39	ug/L #	41
17) Methyl tert-butyl Ether	2.770	73	55570	1.03	ug/L #	93
18) trans-1,2-Dichloroethene	2.767	96	4951	0.18	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	118136	4.16	ug/L	91
35) Methylcyclohexane	6.075	83	23656	0.54	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	9636	0.37	ug/L #	83
50) 2-Hexanone	8.149	43	11734	1.31	ug/L #	85

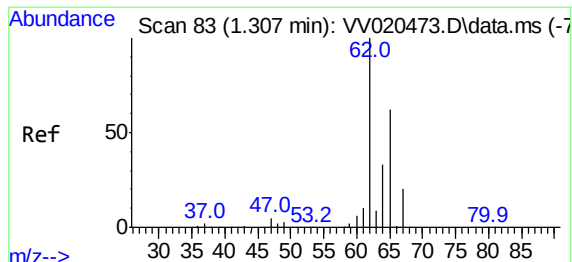
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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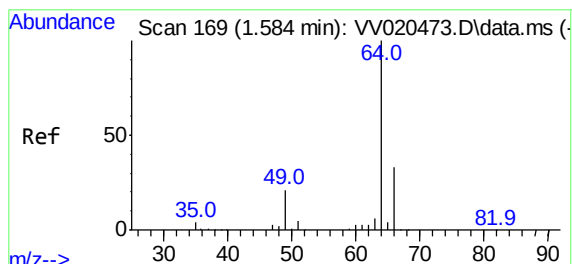
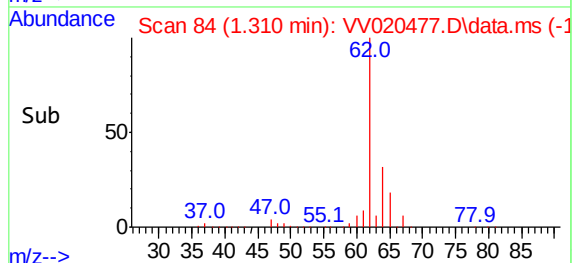
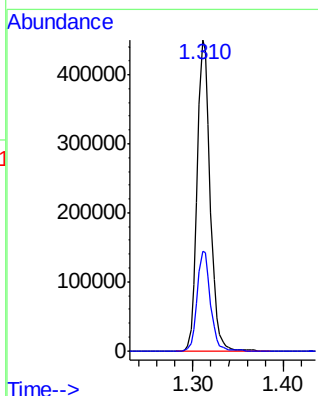
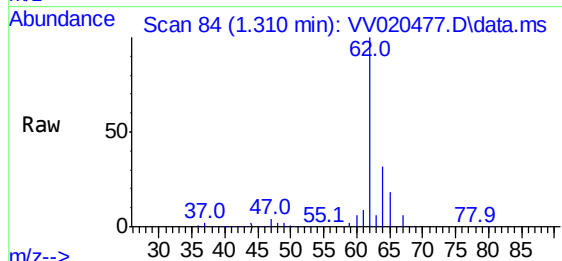




#5
 Vinyl chloride
 Concen: 12.54 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV020477.D
 Acq: 09 Mar 2021 17:40

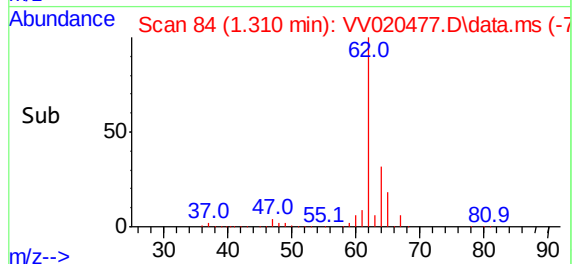
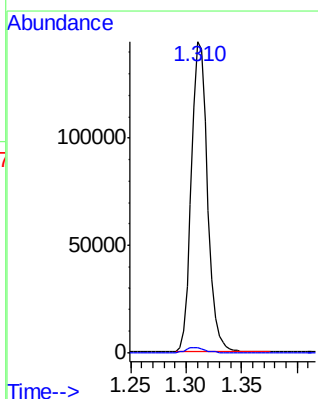
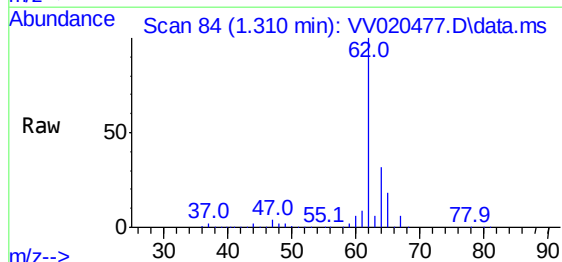
Instrument :
 MSVOA_V
 ClientSampled :
 BG0M9

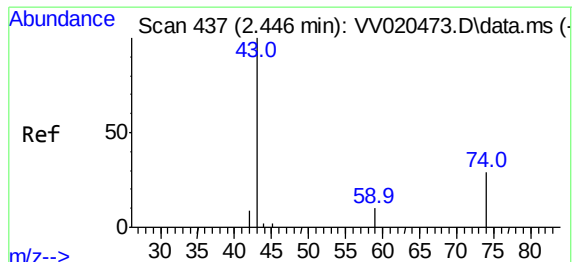
Tgt Ion: 62 Resp: 450133
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.8



#8
 Chloroethane
 Concen: 6.70 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV020477.D
 Acq: 09 Mar 2021 17:40

Tgt Ion: 64 Resp: 144995
 Ion Ratio Lower Upper
 64 100
 66 1.5 24.0 44.6#

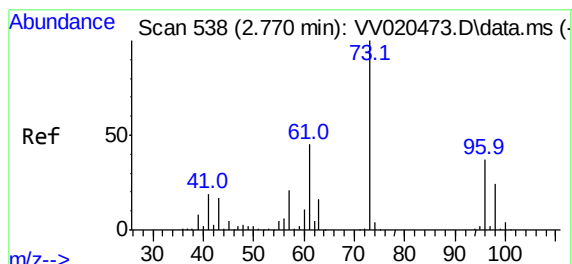
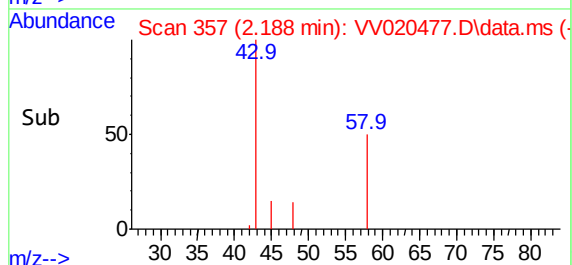
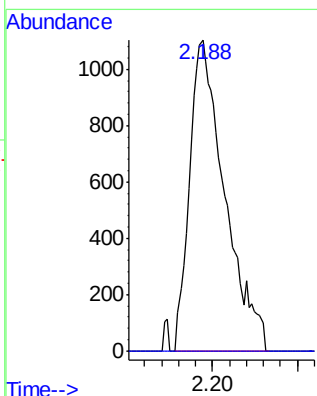
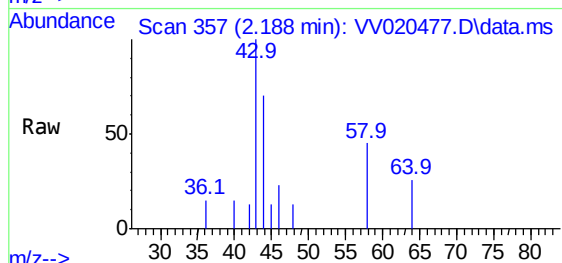




#15
Methyl Acetate
Concen: 0.39 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.257 min
Lab File: VV020477.D
Acq: 09 Mar 2021 17:40

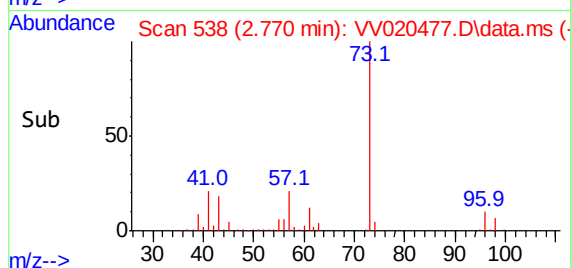
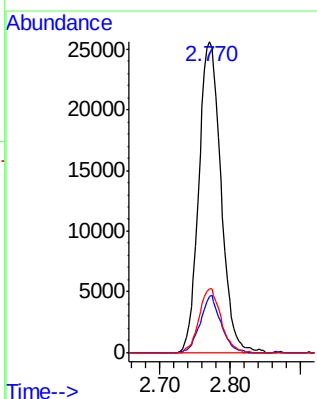
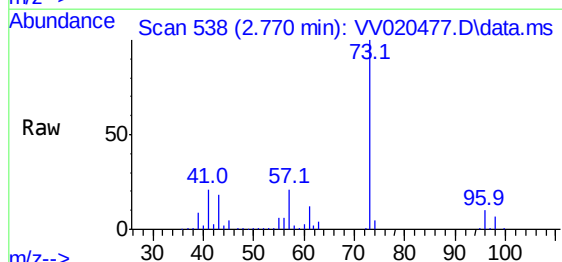
Instrument :
MSVOA_V
ClientSampled :
BG0M9

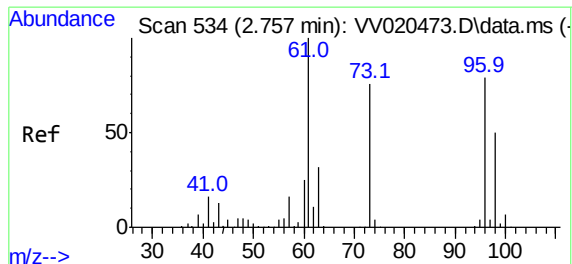
Tgt Ion: 43 Resp: 3162
Ion Ratio Lower Upper
43 100
74 0.0 26.6 40.0#



#17
Methyl tert-butyl Ether
Concen: 1.03 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV020477.D
Acq: 09 Mar 2021 17:40

Tgt Ion: 73 Resp: 55570
Ion Ratio Lower Upper
73 100
43 17.1 18.3 27.5#
57 20.1 16.7 25.1

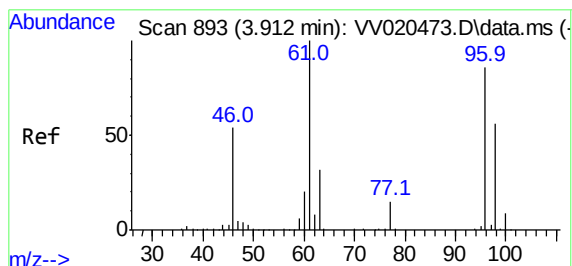
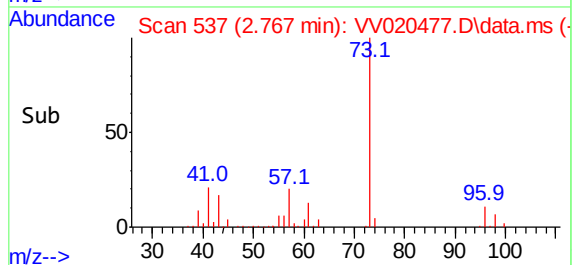
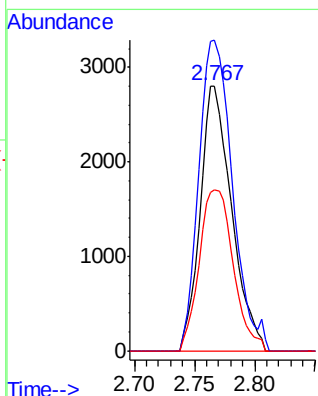
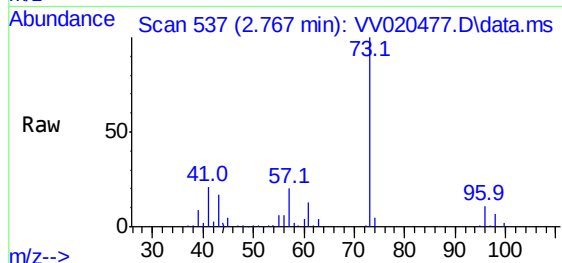




#18
trans-1,2-Dichloroethene
Concen: 0.18 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV020477.D
Acq: 09 Mar 2021 17:40

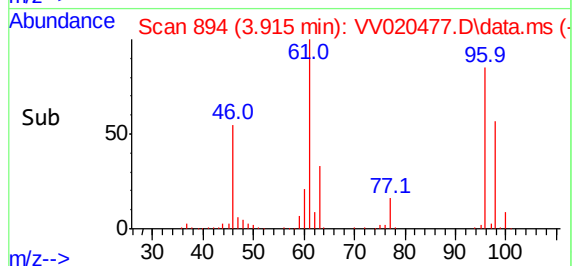
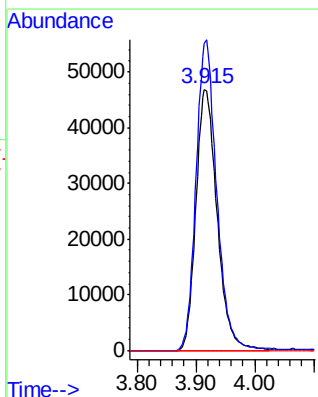
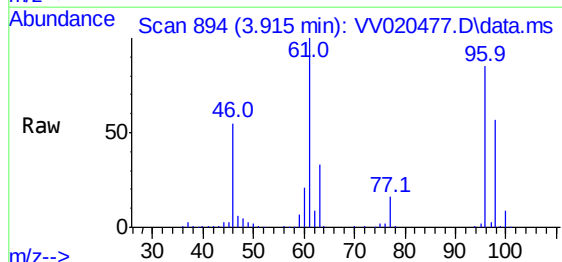
Instrument :
MSVOA_V
ClientSampled :
BG0M9

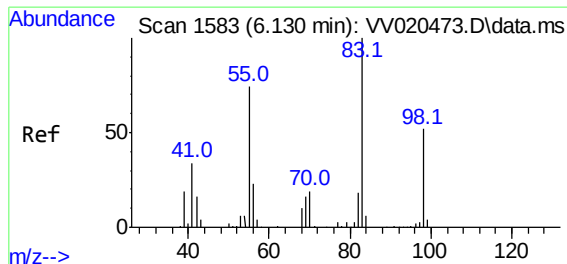
Tgt Ion: 96 Resp: 4951
Ion Ratio Lower Upper
96 100
61 117.3 96.0 178.4
98 60.6 43.5 80.9



#22
cis-1,2-Dichloroethene
Concen: 4.16 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020477.D
Acq: 09 Mar 2021 17:40

Tgt Ion: 96 Resp: 118136
Ion Ratio Lower Upper
96 100
61 117.7 89.6 166.4
68 0.0 0.0 0.0

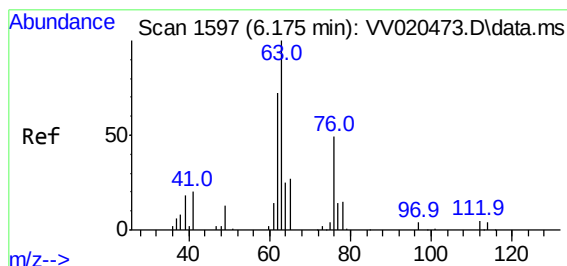
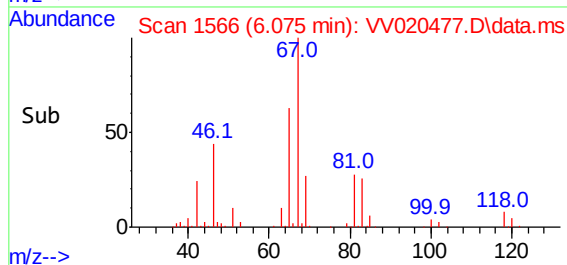
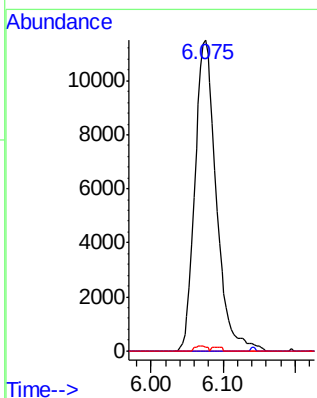
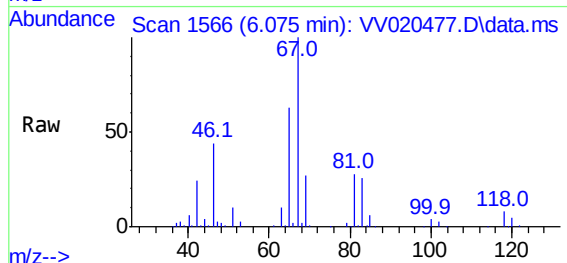




#35
Methylcyclohexane
Concen: 0.54 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV020477.D
Acq: 09 Mar 2021 17:40

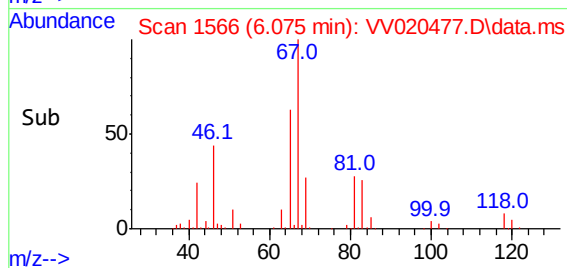
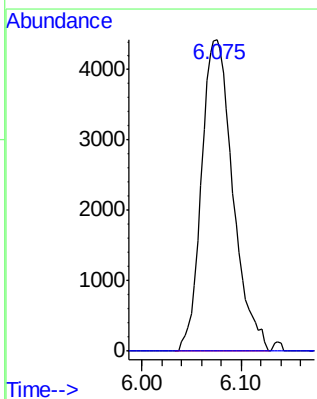
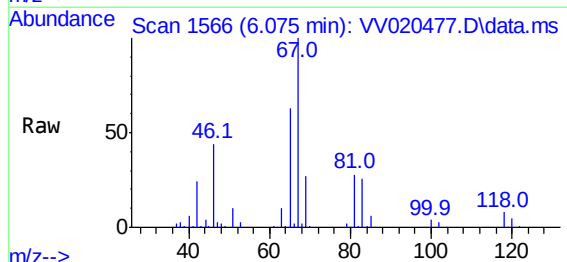
Instrument :
MSVOA_V
ClientSampled :
BG0M9

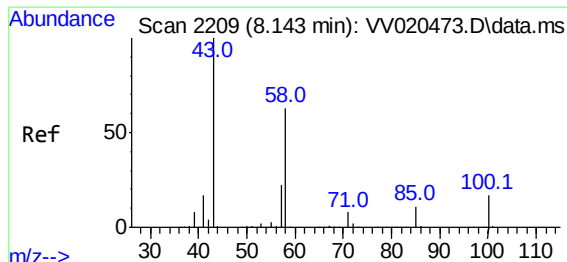
Tgt Ion: 83 Resp: 23656
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.8#
98 0.9 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.37 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV020477.D
Acq: 09 Mar 2021 17:40

Tgt Ion: 63 Resp: 9636
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#50

2-Hexanone

Concen: 1.31 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VV020477.D

Acq: 09 Mar 2021 17:40

Tgt Ion: 43 Resp: 11734

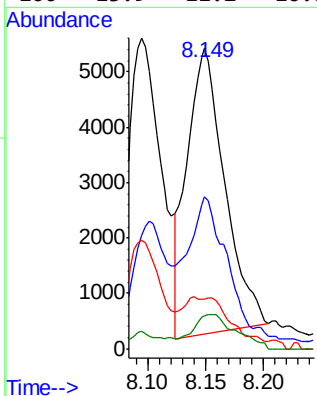
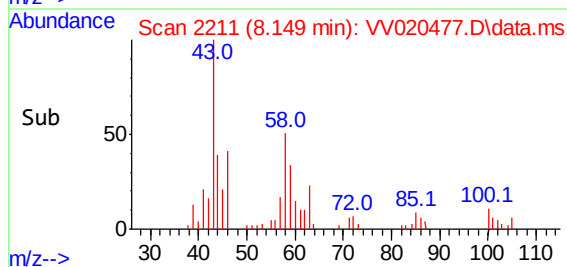
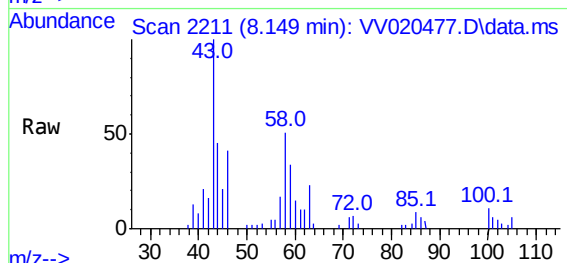
Ion Ratio Lower Upper

43 100

58 59.0 41.6 62.4

57 1.8 15.4 23.0#

100 13.9 11.2 16.8



Instrument :
MSVOA_V
ClientSampleId :
BG0M9