

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020483.D
 Acq On : 09 Mar 2021 20:01
 Operator : SY/MD
 Sample : M1617-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0N5

Quant Time: Mar 10 00:23:06 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)

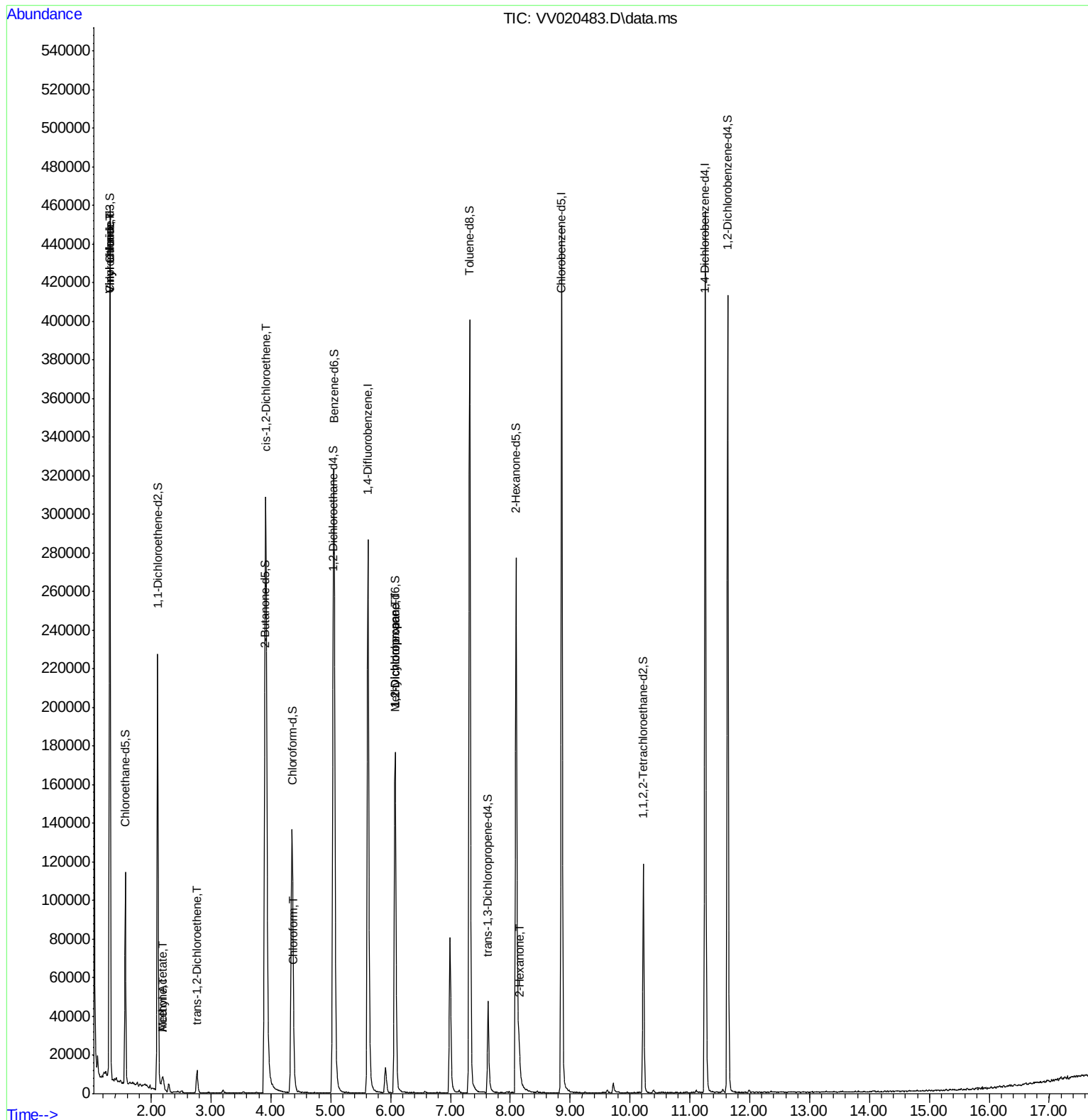
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	267866	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	261638	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	124840	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88989	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.568	69	70515	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.108	63	113851	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.899	46	134822	41.26	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.52%
24) Chloroform-d	4.352	84	150634	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.040	65	72120	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.053	84	310495	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.076	67	88610	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.320	98	280308	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
45) trans-1,3-Dichloroprop...	7.629	79	30390	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.095	63	95584	36.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.54%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	54311	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
65) 1,2-Dichlorobenzene-d4	11.632	152	116600	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	200982	6.40	ug/L	100
8) Chloroethane	1.311	64	66202	3.49	ug/L #	45
13) Acetone	2.188	43	12839	4.33	ug/L #	31
15) Methyl Acetate	2.188	43	11508	1.60	ug/L #	41
18) trans-1,2-Dichloroethene	2.767	96	4758	0.20	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	156906	6.32	ug/L	90
25) Chloroform	4.381	83	5189	0.12	ug/L	84
35) Methylcyclohexane	6.072	83	23578	0.61	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	9471	0.42	ug/L #	84
50) 2-Hexanone	8.149	43	11420	1.45	ug/L #	96

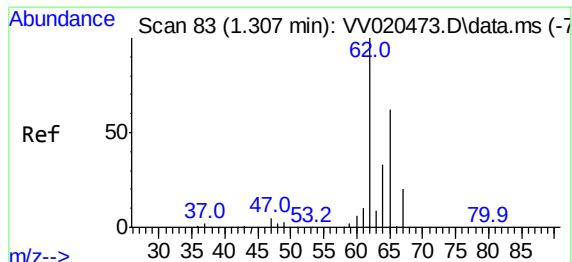
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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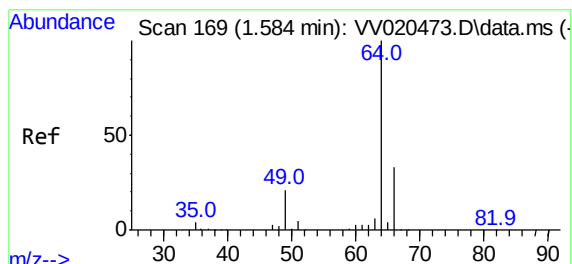
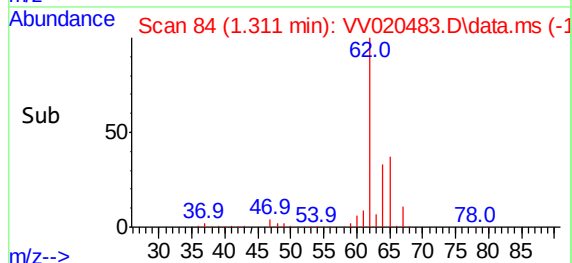
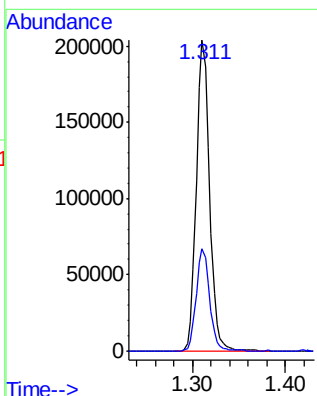
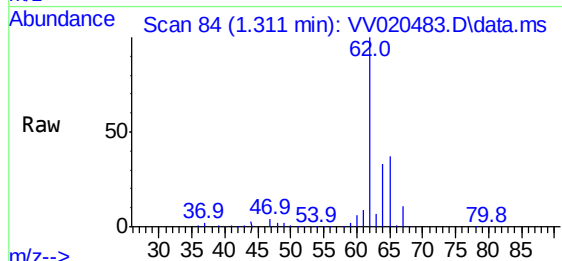




#5
 Vinyl chloride
 Concen: 6.40 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV020483.D
 Acq: 09 Mar 2021 20:01

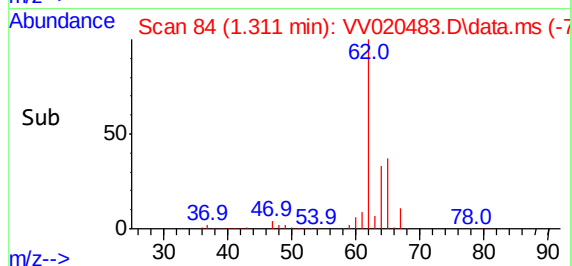
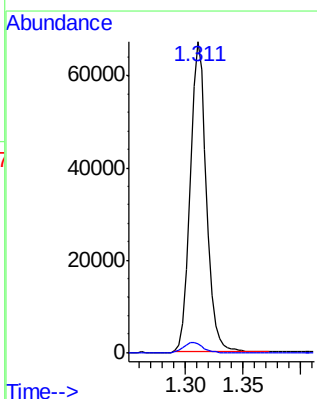
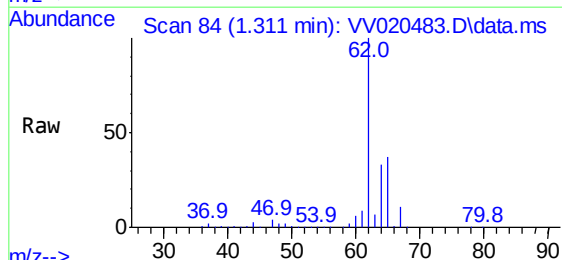
Instrument :
 MSVOA_V
 ClientSampled :
 BG0N5

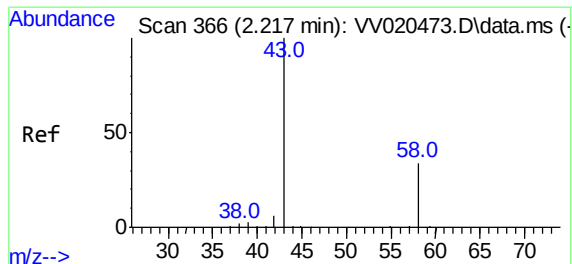
Tgt Ion: 62 Resp: 200982
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.8



#8
 Chloroethane
 Concen: 3.49 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV020483.D
 Acq: 09 Mar 2021 20:01

Tgt Ion: 64 Resp: 66202
 Ion Ratio Lower Upper
 64 100
 66 2.8 24.0 44.6#

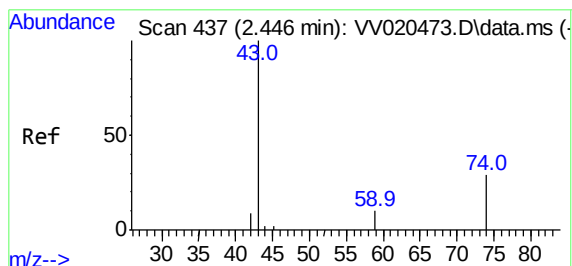
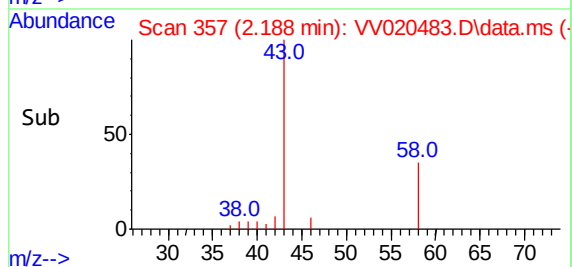
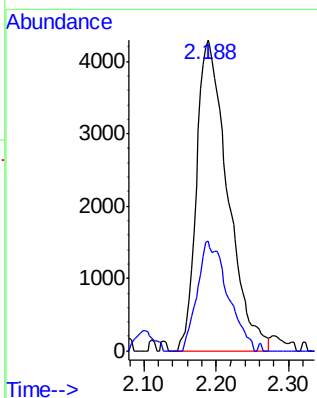
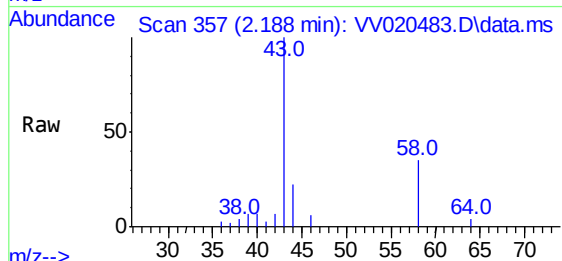




#13
Acetone
Concen: 4.33 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.029 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

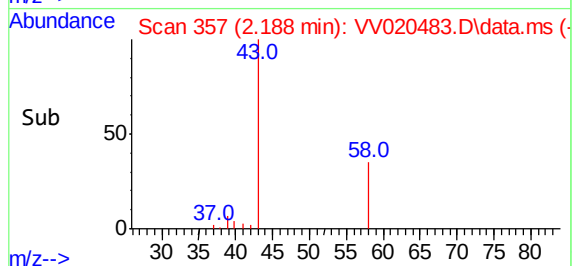
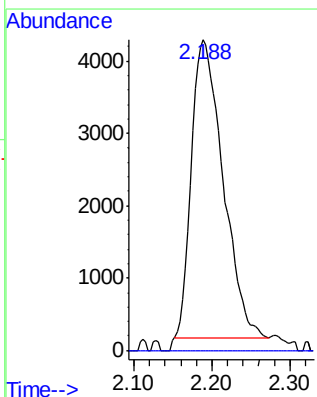
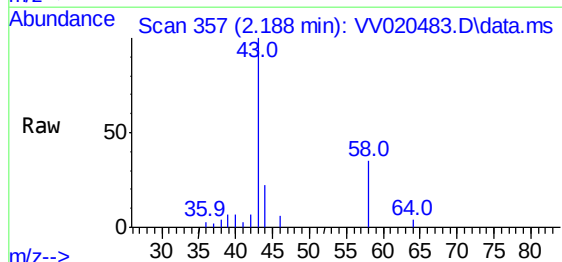
Instrument :
MSVOA_V
ClientSampleId :
BG0N5

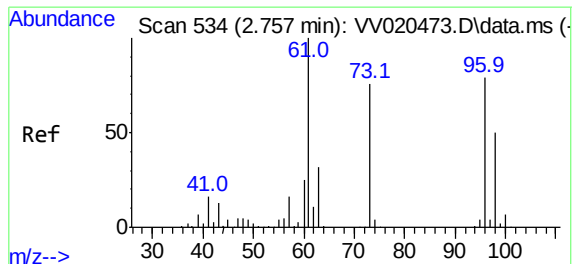
Tgt Ion: 43 Resp: 12839
Ion Ratio Lower Upper
43 100
58 34.3 0.0 18.6#



#15
Methyl Acetate
Concen: 1.60 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.257 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

Tgt Ion: 43 Resp: 11508
Ion Ratio Lower Upper
43 100
74 0.0 26.6 40.0#

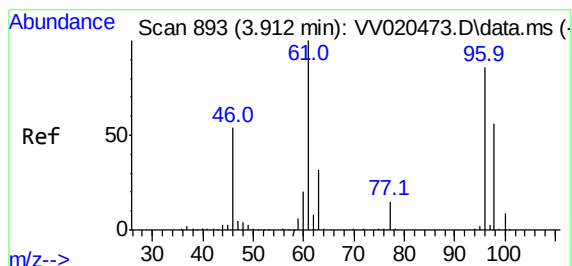
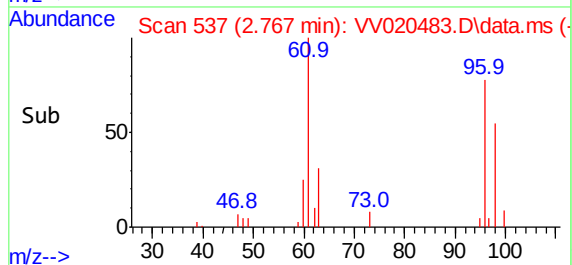
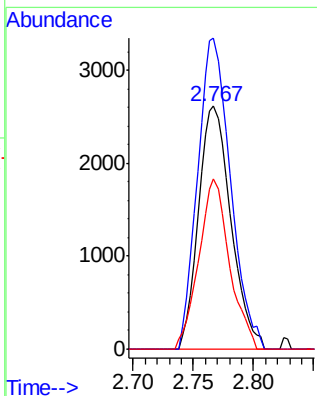
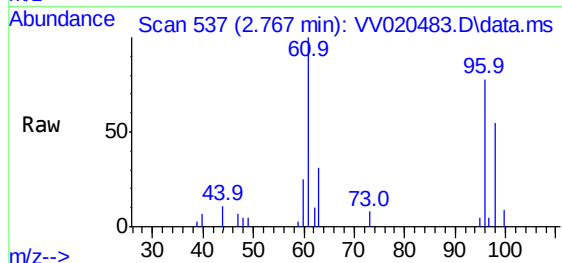




#18
trans-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

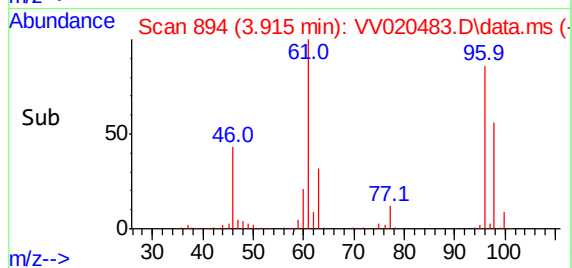
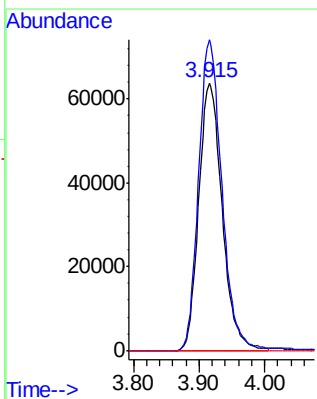
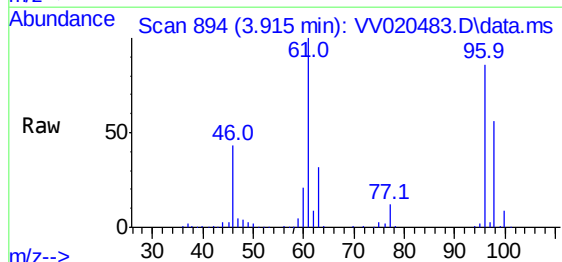
Instrument :
MSVOA_V
ClientSampled :
BG0N5

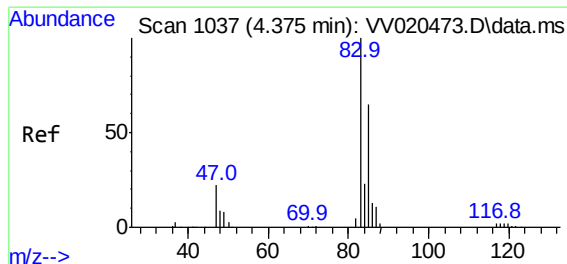
Tgt Ion: 96 Resp: 4758
Ion Ratio Lower Upper
96 100
61 128.0 96.0 178.4
98 69.8 43.5 80.9



#22
cis-1,2-Dichloroethene
Concen: 6.32 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

Tgt Ion: 96 Resp: 156906
Ion Ratio Lower Upper
96 100
61 116.2 89.6 166.4
68 0.0 0.0 0.0

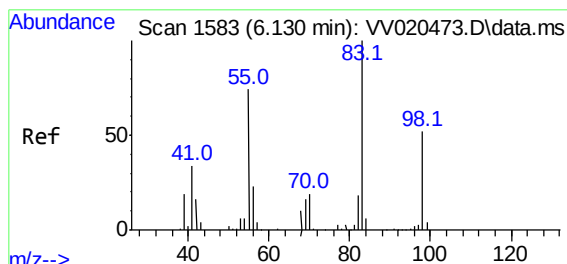
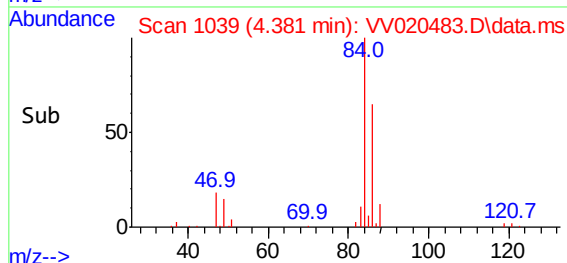
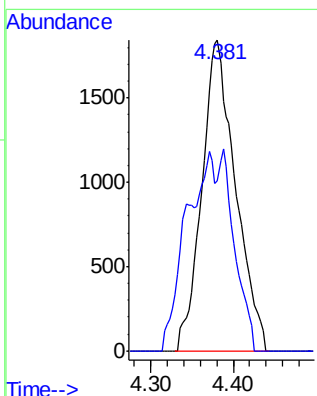
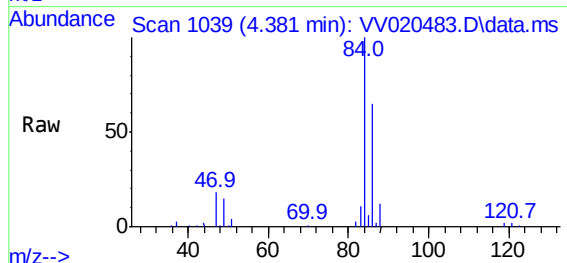




#25
Chloroform
Concen: 0.12 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

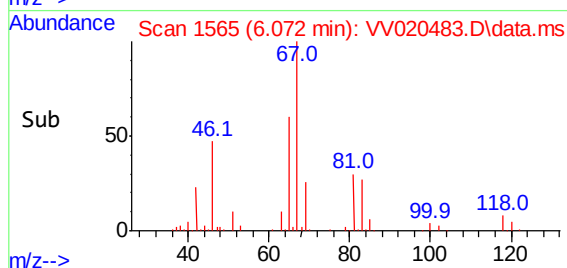
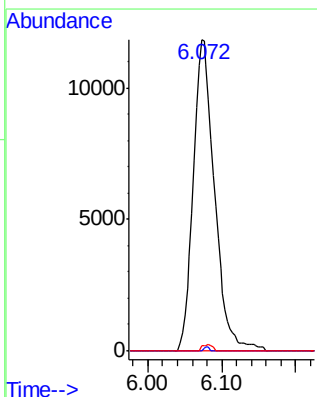
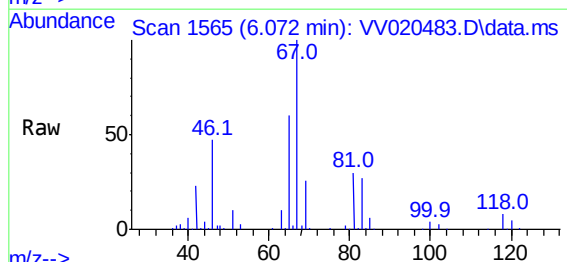
Instrument :
MSVOA_V
ClientSampled :
BG0N5

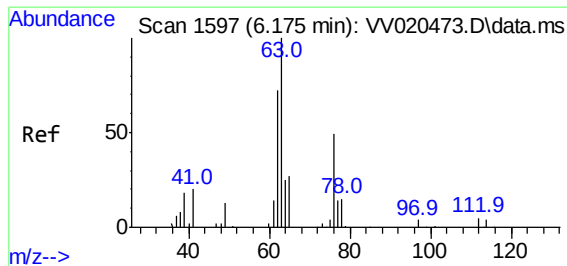
Tgt Ion: 83 Resp: 5189
Ion Ratio Lower Upper
83 100
85 54.6 47.3 87.9



#35
Methylcyclohexane
Concen: 0.61 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

Tgt Ion: 83 Resp: 23578
Ion Ratio Lower Upper
83 100
55 0.3 61.8 92.8#
98 0.9 39.0 58.6#

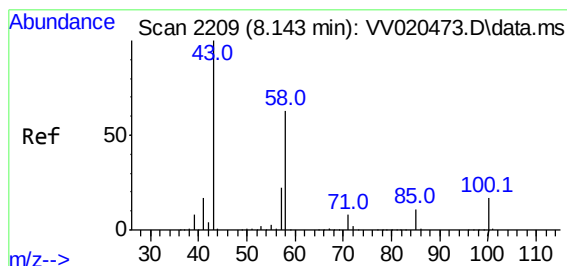
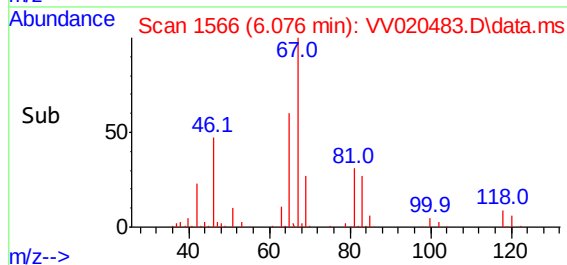
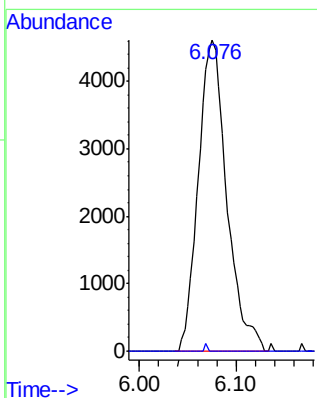
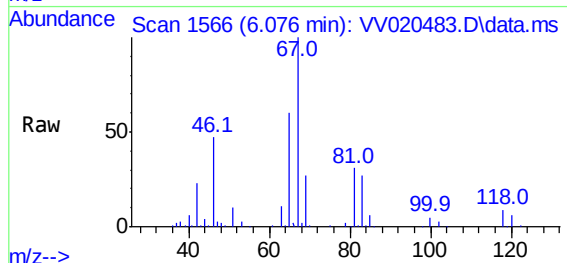




#37
1,2-Dichloropropane
Concen: 0.42 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

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Tgt Ion: 63 Resp: 9471
Ion Ratio Lower Upper
63 100
112 0.2 4.5 6.7#



#50
2-Hexanone
Concen: 1.45 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020483.D
Acq: 09 Mar 2021 20:01

Tgt Ion: 43 Resp: 11420
Ion Ratio Lower Upper
43 100
58 50.5 41.6 62.4
57 21.1 15.4 23.0
100 10.8 11.2 16.8#

