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 Data File : VW020492.D
 Acq On : 10 Mar 2021 11:50
 Operator : SY/MD
 Sample : M1617-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

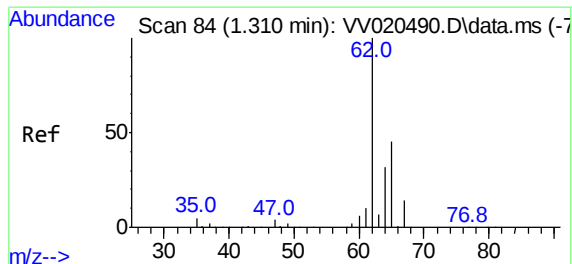
Instrument :
 MSVOA_V
 ClientSampleId :
 BG0N5

Quant Time: Mar 11 00:50:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 11 00:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	321622	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	313400	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	152591	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85644	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.568	69	68307	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.108	63	110829	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	3.896	46	129107	32.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.82%
24) Chloroform-d	4.349	84	147878	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.034	65	70232	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
32) Benzene-d6	5.050	84	303430	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.072	67	88567	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.20%
41) Toluene-d8	7.317	98	275459	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
45) trans-1,3-Dichloroprop...	7.625	79	29973	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
48) 2-Hexanone-d5	8.091	63	90009	28.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.82%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	51711	3.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.60%#
65) 1,2-Dichlorobenzene-d4	11.632	152	115563	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%
Target Compounds						
5) Vinyl chloride	1.310	62	207529	5.50	ug/L	99
8) Chloroethane	1.310	64	69069	3.04	ug/L #	46
13) Acetone	2.188	43	13226	3.72	ug/L #	24
15) Methyl Acetate	2.188	43	13169	1.53	ug/L #	41
16) Methylene chloride	2.510	84	4774	0.16	ug/L	90
18) trans-1,2-Dichloroethene	2.764	96	5358	0.19	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	162164	5.44	ug/L	89
25) Chloroform	4.381	83	5966	0.11	ug/L	95
35) Methylcyclohexane	6.072	83	22560	0.49	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	9515	0.35	ug/L #	84
50) 2-Hexanone	8.149	43	9977	1.06	ug/L #	95

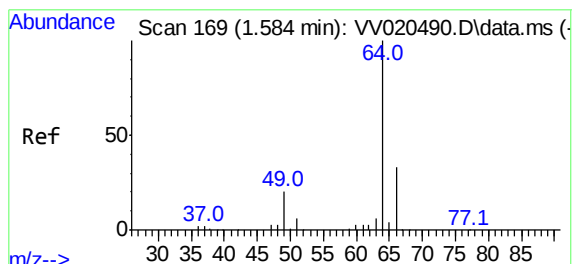
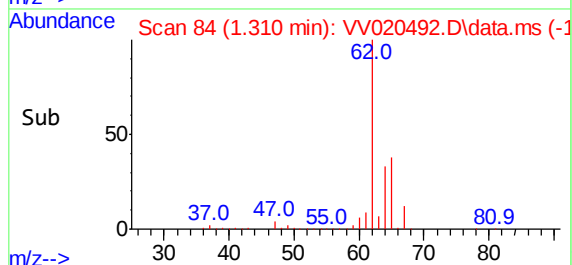
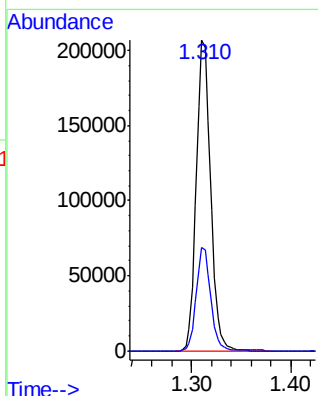
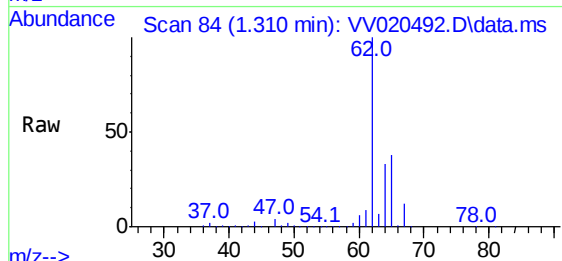
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Vinyl chloride
Concen: 5.50 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

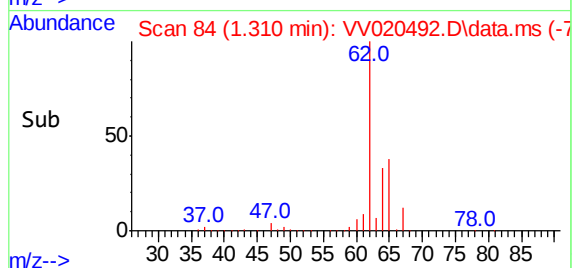
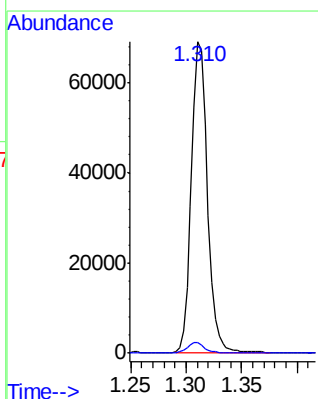
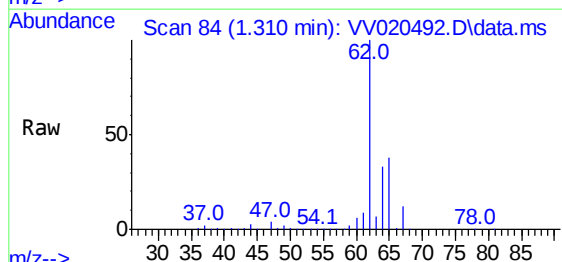
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MSVOA_V
ClientSampled :
BG0N5

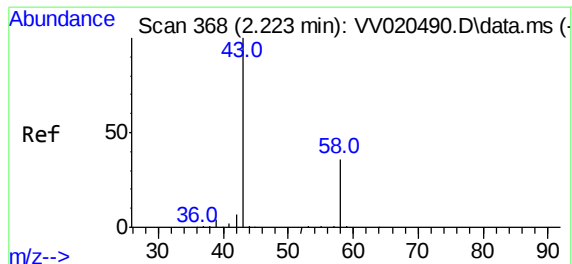
Tgt Ion: 62 Resp: 207529
Ion Ratio Lower Upper
62 100
64 33.4 23.0 42.8



#8
Chloroethane
Concen: 3.04 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Tgt Ion: 64 Resp: 69069
Ion Ratio Lower Upper
64 100
66 3.0 24.0 44.6#

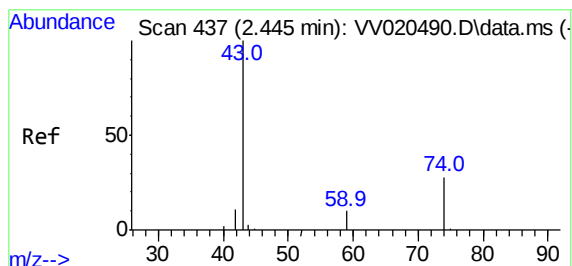
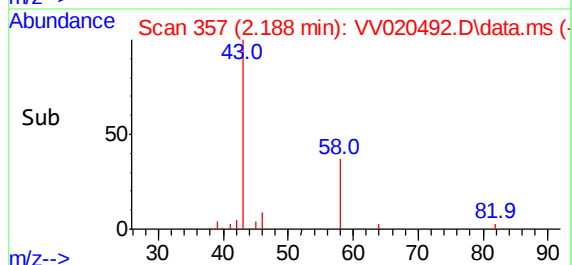
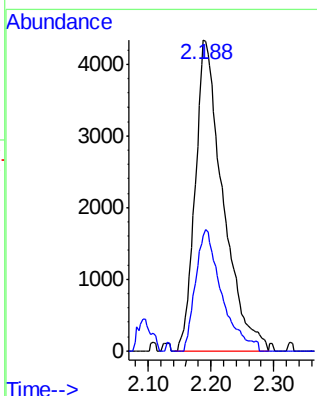
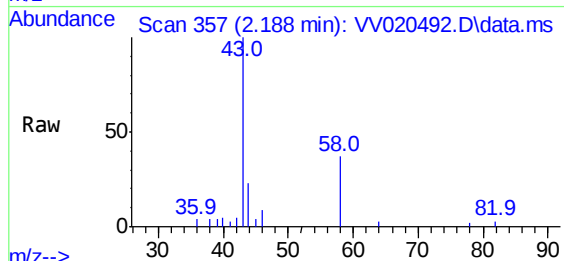




#13
Acetone
Concen: 3.72 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.035 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

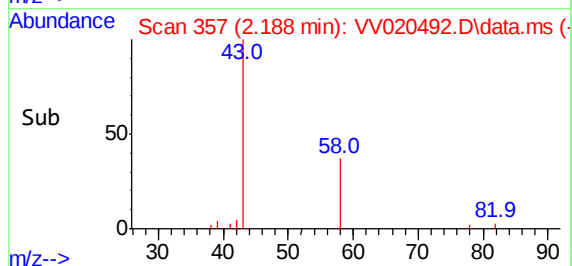
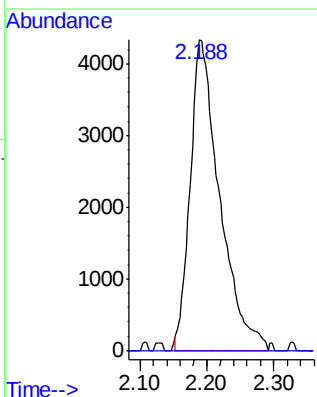
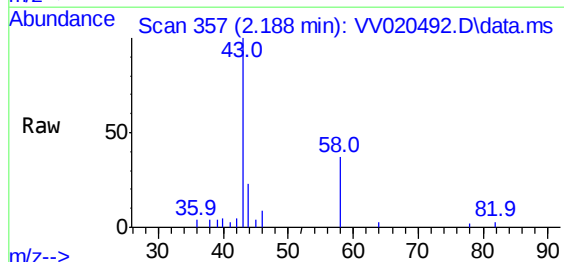
Instrument :
MSVOA_V
ClientSampled :
BG0N5

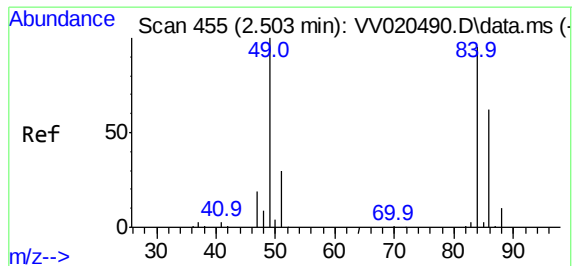
Tgt Ion: 43 Resp: 13226
Ion Ratio Lower Upper
43 100
58 36.8 0.0 18.6#



#15
Methyl Acetate
Concen: 1.53 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.257 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Tgt Ion: 43 Resp: 13169
Ion Ratio Lower Upper
43 100
74 0.0 26.6 40.0#



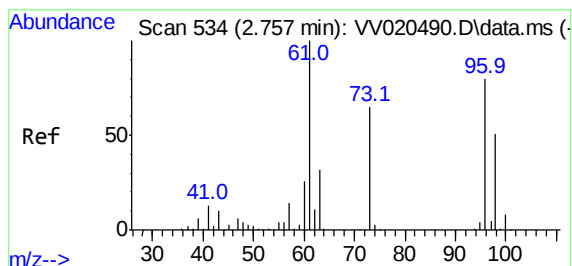
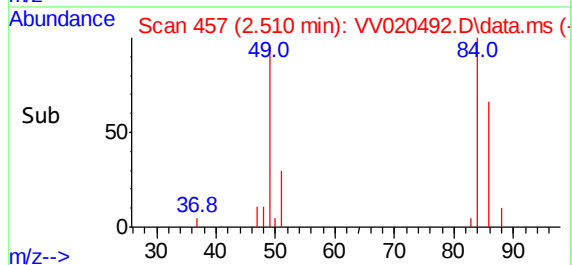
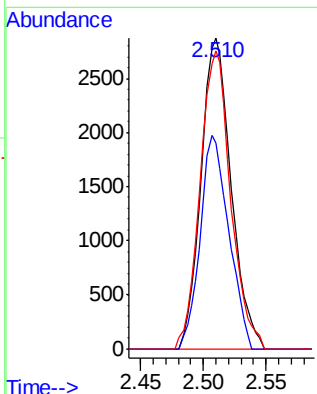
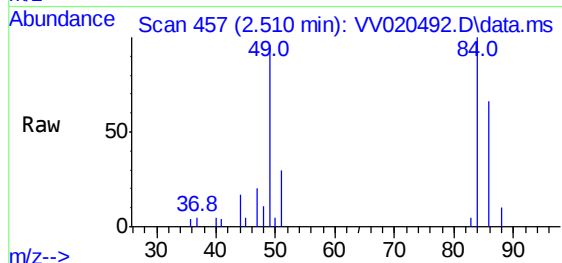


#16
Methylene chloride
Concen: 0.16 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Instrument :
MSVOA_V
ClientSampled :
BG0N5

Tgt Ion: 84 Resp: 4774

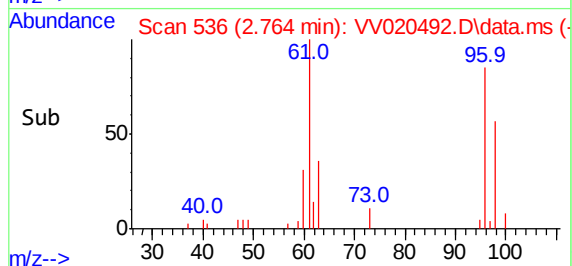
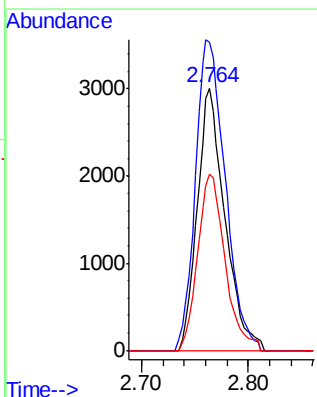
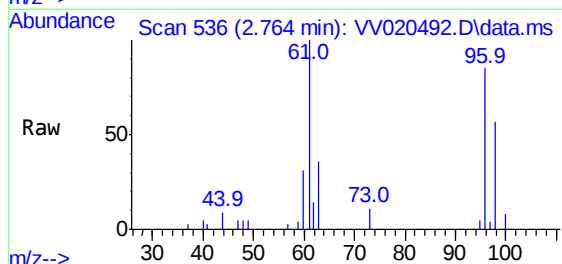
Ion	Ratio	Lower	Upper
84	100		
86	66.0	46.5	86.3
49	96.0	79.2	147.2

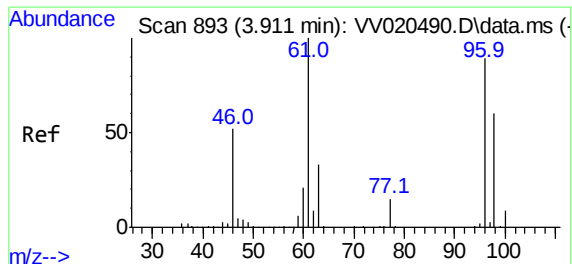


#18
trans-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Tgt Ion: 96 Resp: 5358

Ion	Ratio	Lower	Upper
96	100		
61	117.8	96.0	178.4
98	67.1	43.5	80.9

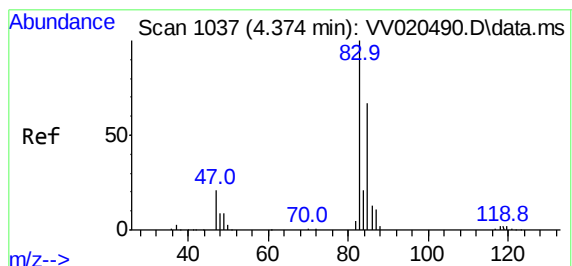
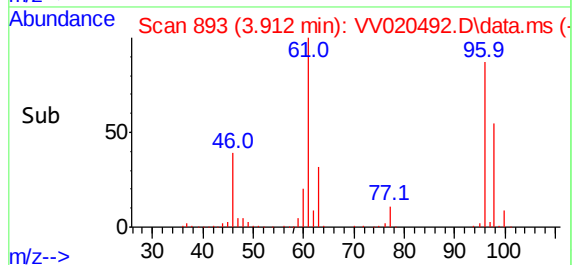
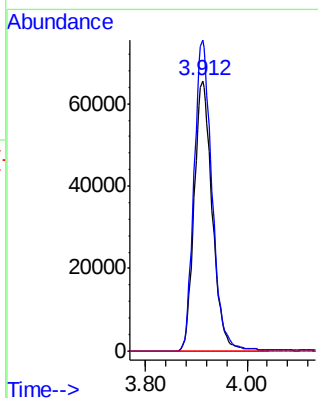
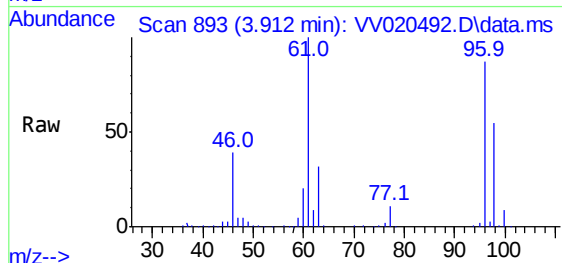




#22
cis-1,2-Dichloroethene
Concen: 5.44 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

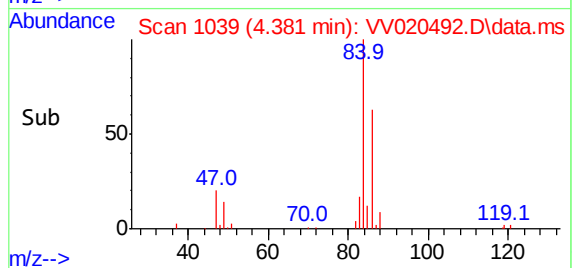
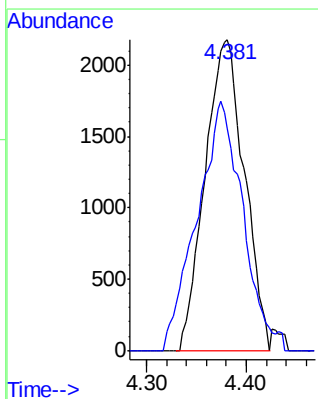
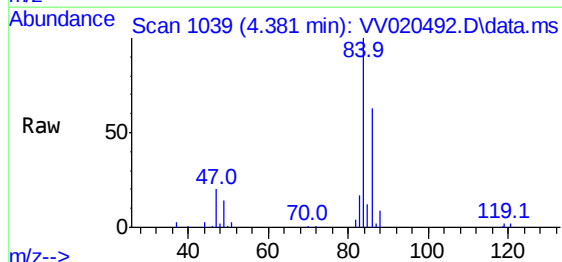
Instrument :
MSVOA_V
ClientSampleId :
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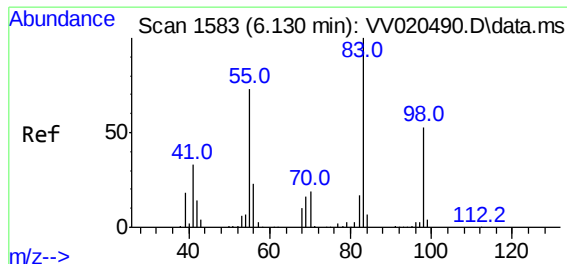
Tgt Ion: 96 Resp: 162164
Ion Ratio Lower Upper
96 100
61 115.1 89.6 166.4
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.11 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Tgt Ion: 83 Resp: 5966
Ion Ratio Lower Upper
83 100
85 71.6 47.3 87.9

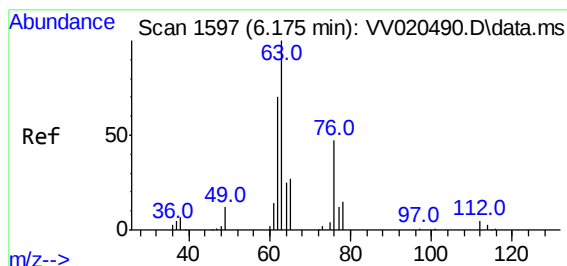
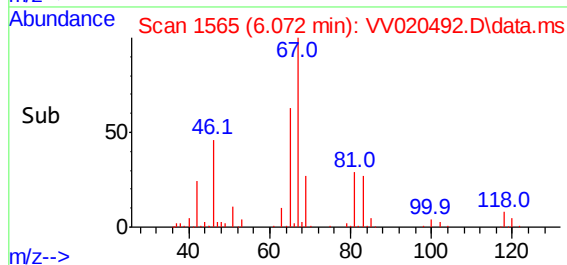
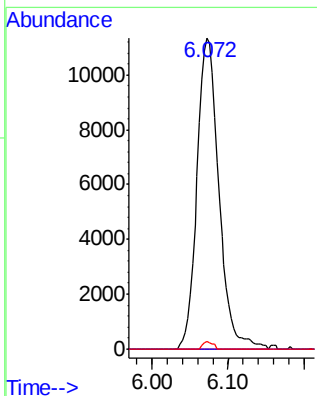
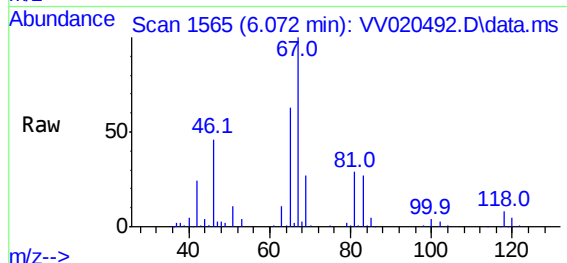




#35
Methylcyclohexane
Concen: 0.49 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

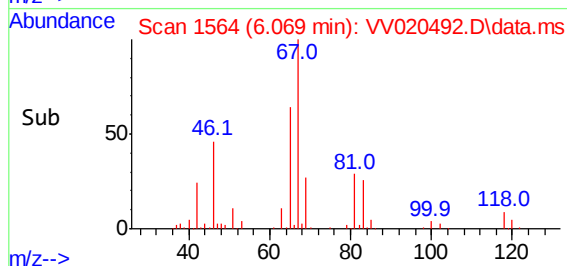
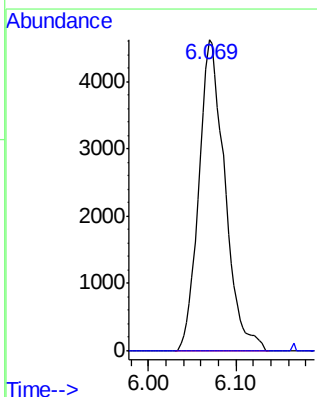
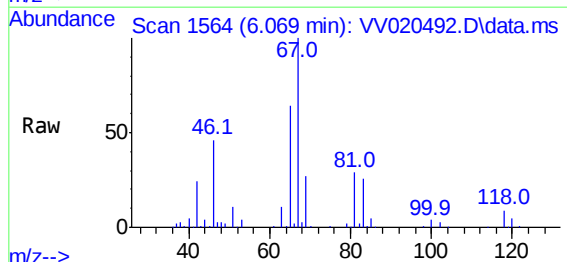
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MSVOA_V
ClientSampled :
BG0N5

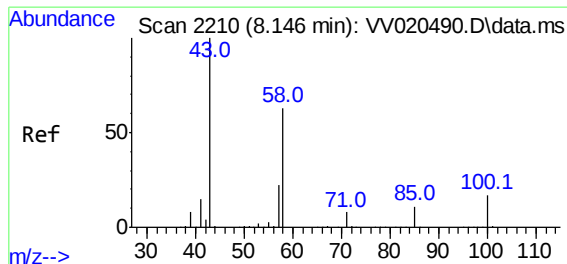
Tgt Ion: 83 Resp: 22560
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.8#
98 1.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.35 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

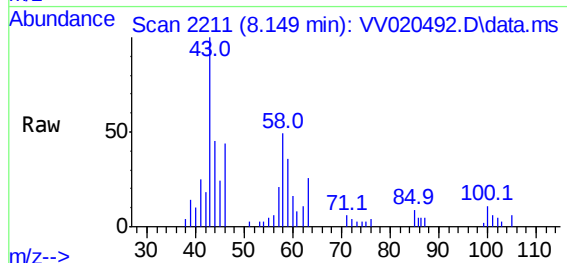
Tgt Ion: 63 Resp: 9515
Ion Ratio Lower Upper
63 100
112 0.2 4.5 6.7#





#50
2-Hexanone
Concen: 1.06 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV020492.D
Acq: 10 Mar 2021 11:50

Instrument :
MSVOA_V
ClientSampleId :
BG0N5



Tgt Ion: 43 Resp: 9977

Ion	Ratio	Lower	Upper
43	100		
58	55.5	41.6	62.4
57	23.2	15.4	23.0#
100	13.5	11.2	16.8

