

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020481.D
 Acq On : 09 Mar 2021 19:14
 Operator : SY/MD
 Sample : M1617-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0N3

Quant Time: Mar 10 00:22:29 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)

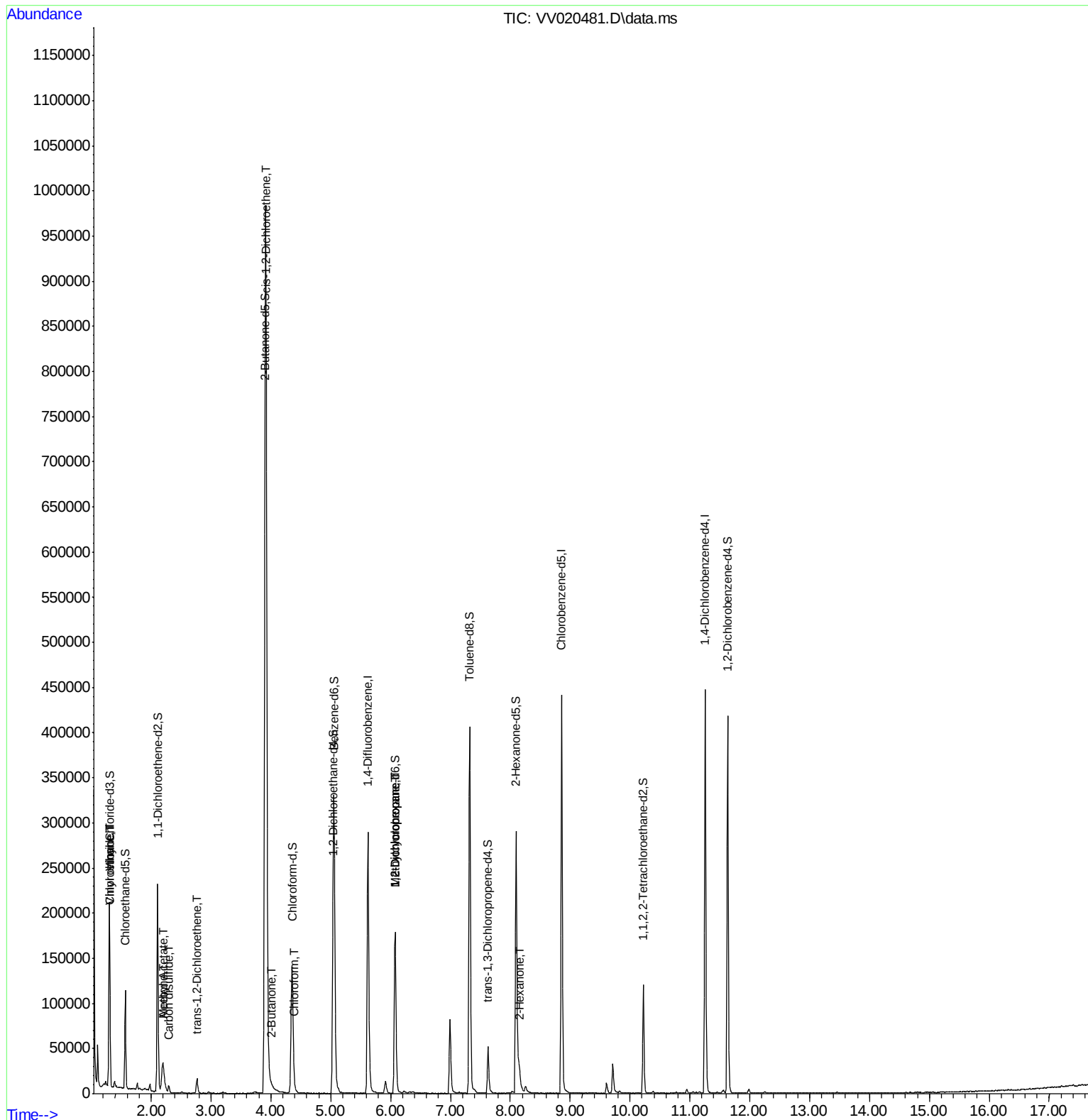
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	265463	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	259137	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	126149	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	87091	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.568	69	70817	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.108	63	113516	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.902	46	144308	44.57	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.14%
24) Chloroform-d	4.355	84	151029	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.037	65	74293	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.053	84	311566	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.076	67	88704	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.320	98	282258	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
45) trans-1,3-Dichloroprop...	7.629	79	30523	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
48) 2-Hexanone-d5	8.095	63	100137	38.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.78%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	55291	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
65) 1,2-Dichlorobenzene-d4	11.632	152	115440	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
5) Vinyl chloride	1.310	62	13707	0.44	ug/L	89
8) Chloroethane	1.310	64	5394	0.29	ug/L	92
13) Acetone	2.198	43	65341	22.26	ug/L #	27
14) Carbon disulfide	2.294	76	9194	0.13	ug/L #	93
15) Methyl Acetate	2.198	43	64692	9.09	ug/L #	41
18) trans-1,2-Dichloroethene	2.764	96	6514	0.28	ug/L	98
21) 2-Butanone	4.008	43	7355	1.64	ug/L #	58
22) cis-1,2-Dichloroethene	3.915	96	561487	22.80	ug/L	91
25) Chloroform	4.384	83	5023	0.11	ug/L	82
35) Methylcyclohexane	6.076	83	22583	0.59	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	9762	0.44	ug/L #	83
50) 2-Hexanone	8.149	43	17058	2.19	ug/L	95

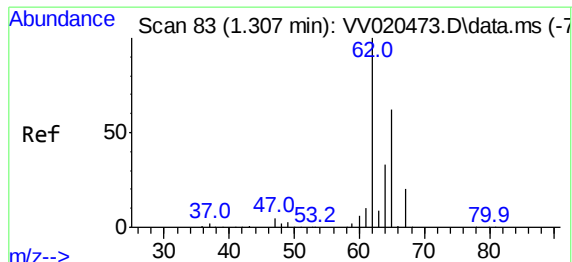
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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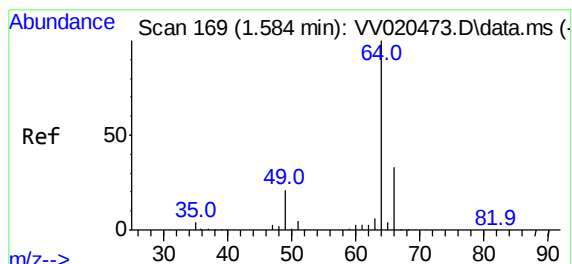
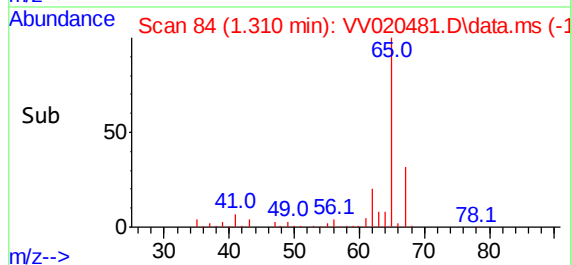
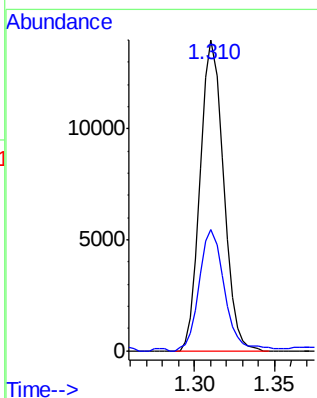
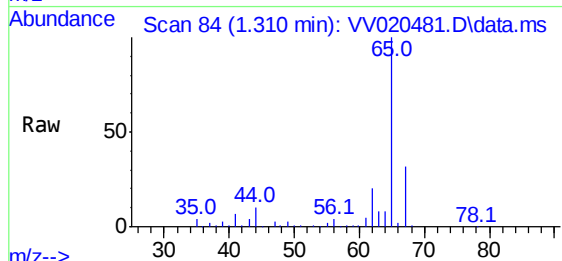




#5
Vinyl chloride
Concen: 0.44 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

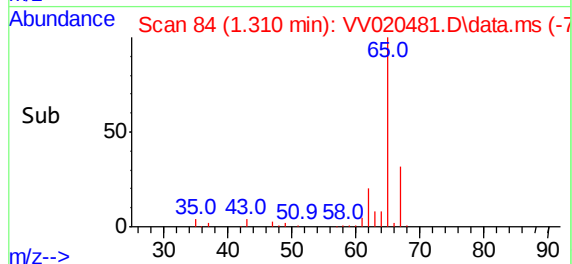
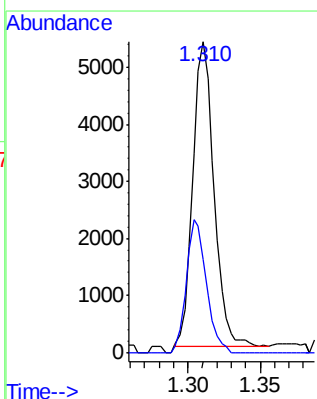
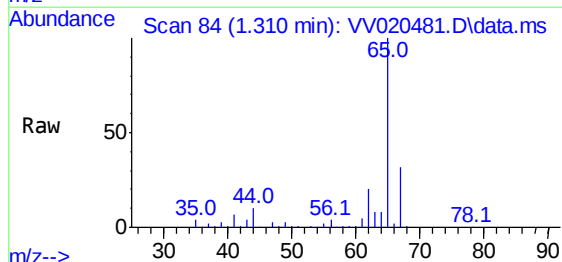
Instrument :
MSVOA_V
ClientSampled :
BG0N3

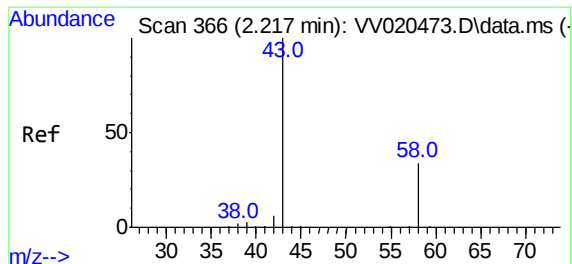
Tgt Ion: 62 Resp: 13707
Ion Ratio Lower Upper
62 100
64 38.9 23.0 42.8



#8
Chloroethane
Concen: 0.29 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

Tgt Ion: 64 Resp: 5394
Ion Ratio Lower Upper
64 100
66 30.0 24.0 44.6

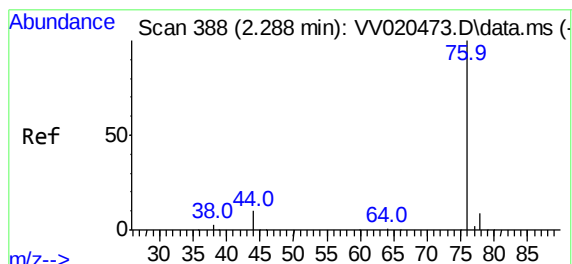
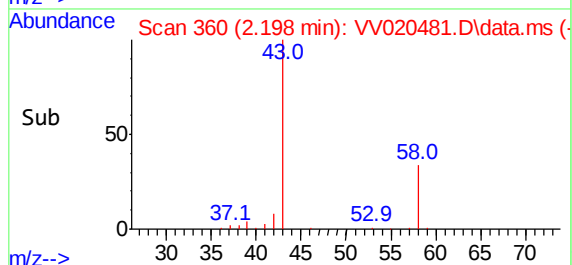
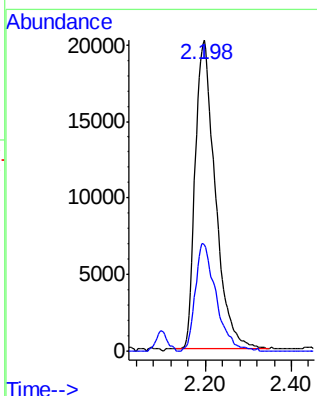
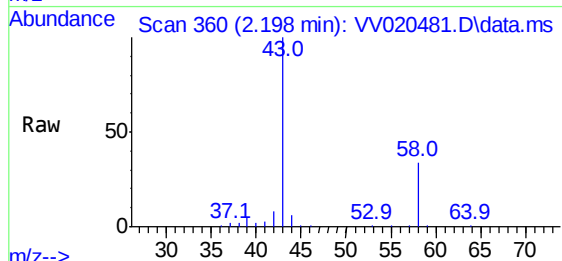




#13
Acetone
Concen: 22.26 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.019 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

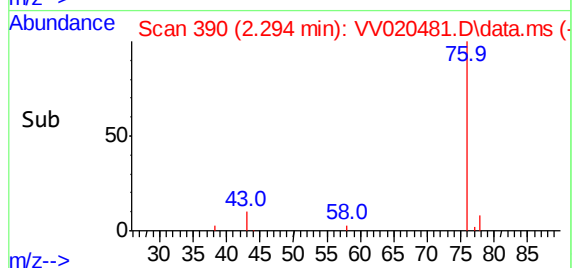
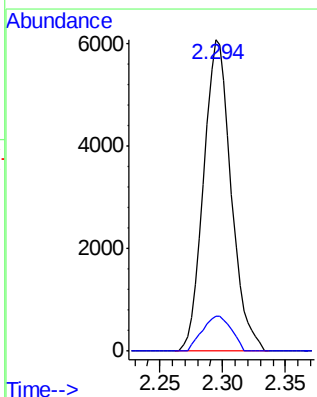
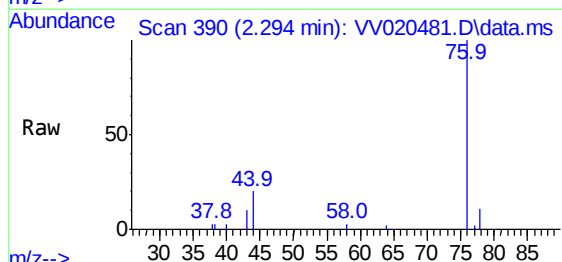
Instrument :
MSVOA_V
ClientSampled :
BG0N3

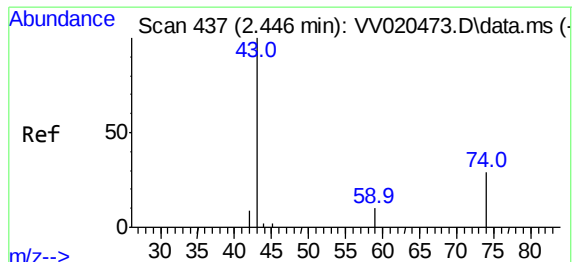
Tgt Ion: 43 Resp: 65341
Ion Ratio Lower Upper
43 100
58 35.7 0.0 18.6#



#14
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

Tgt Ion: 76 Resp: 9194
Ion Ratio Lower Upper
76 100
78 10.9 6.6 10.0#

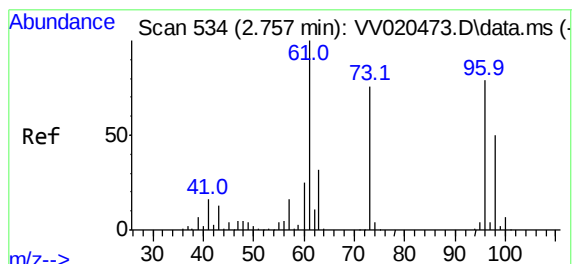
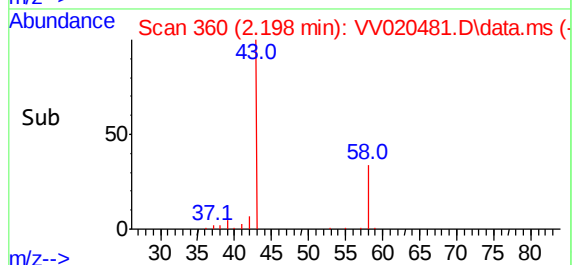
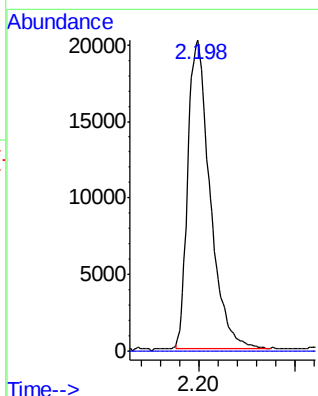
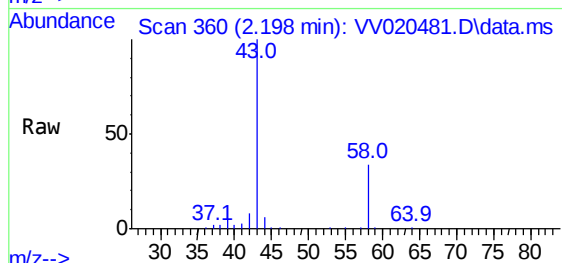




#15
Methyl Acetate
Concen: 9.09 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.248 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

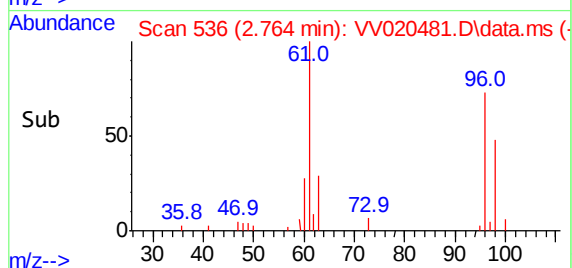
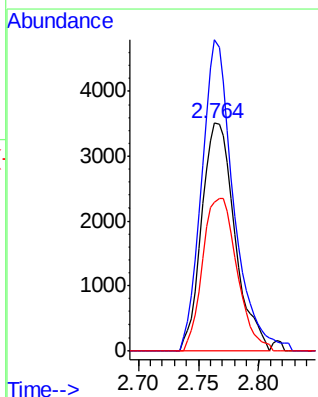
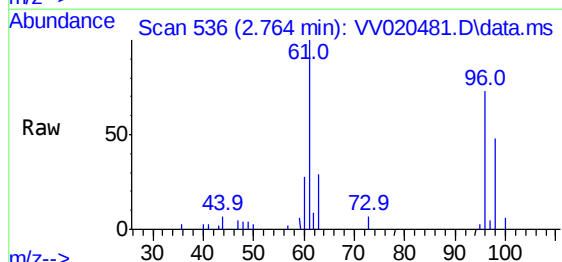
Instrument :
MSVOA_V
ClientSampled :
BG0N3

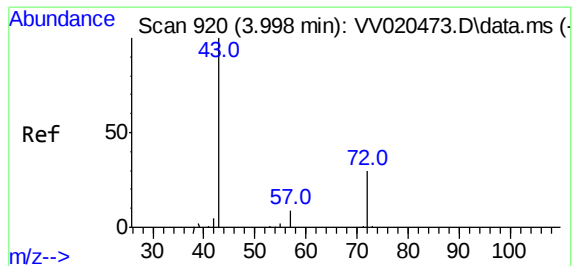
Tgt Ion: 43 Resp: 64692
Ion Ratio Lower Upper
43 100
74 0.0 26.6 40.0#



#18
trans-1,2-Dichloroethene
Concen: 0.28 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

Tgt Ion: 96 Resp: 6514
Ion Ratio Lower Upper
96 100
61 136.7 96.0 178.4
98 65.2 43.5 80.9

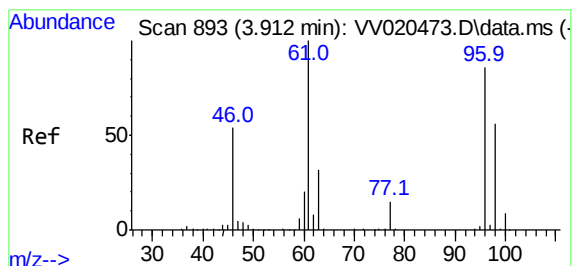
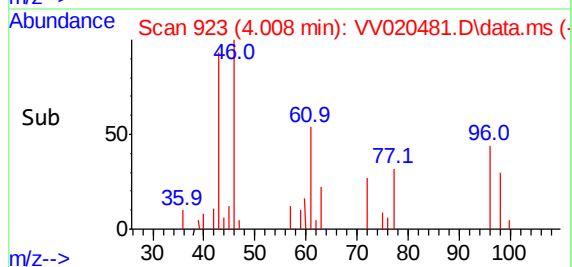
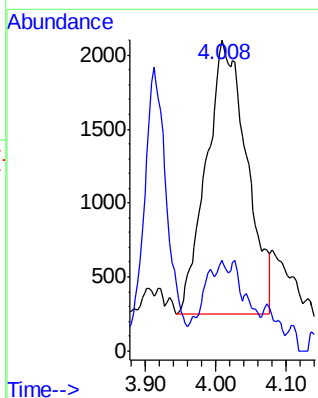
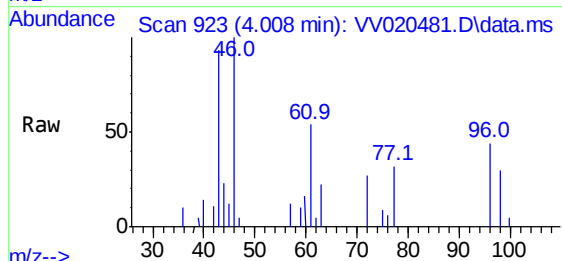




#21
2-Butanone
Concen: 1.64 ug/L
RT: 4.008 min Scan# 923
Delta R.T. 0.010 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

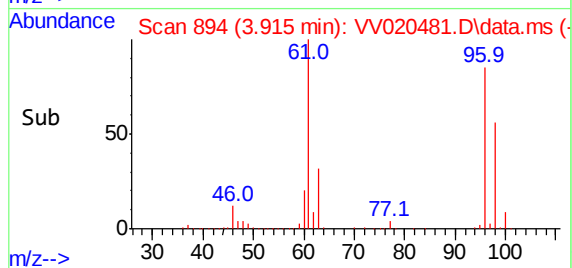
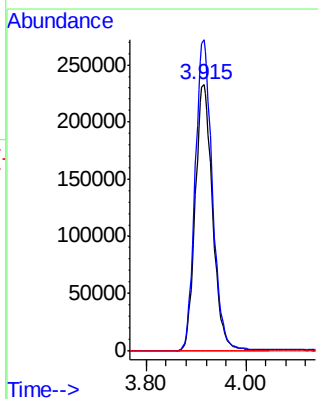
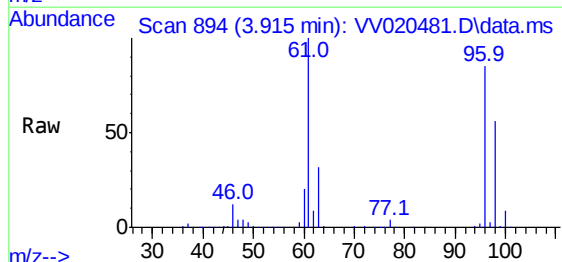
Instrument :
MSVOA_V
ClientSampled :
BG0N3

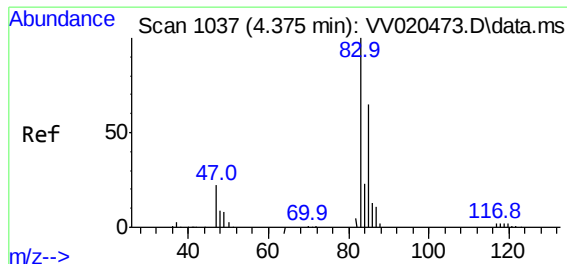
Tgt Ion: 43 Resp: 7355
Ion Ratio Lower Upper
43 100
72 4.5 13.0 38.9#



#22
cis-1,2-Dichloroethene
Concen: 22.80 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

Tgt Ion: 96 Resp: 561487
Ion Ratio Lower Upper
96 100
61 117.0 89.6 166.4
68 0.0 0.0 0.0

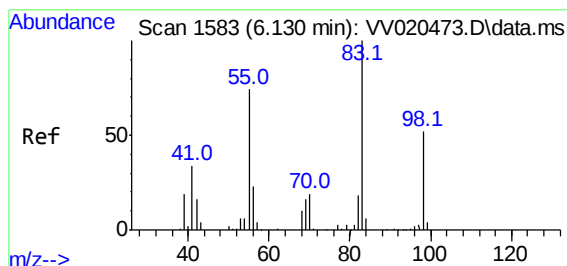
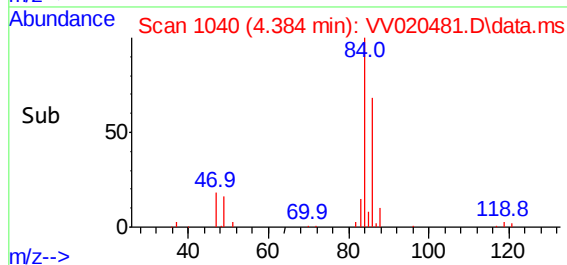
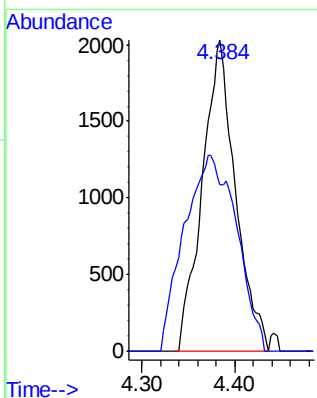
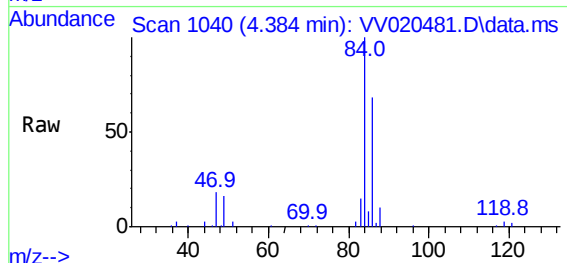




#25
Chloroform
Concen: 0.11 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.010 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

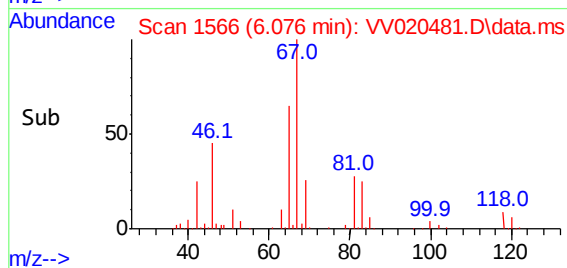
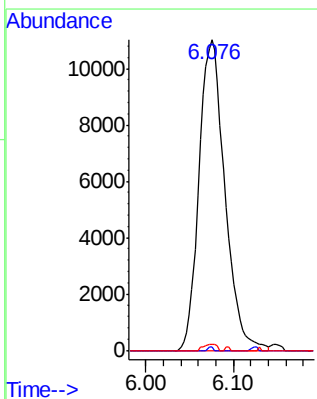
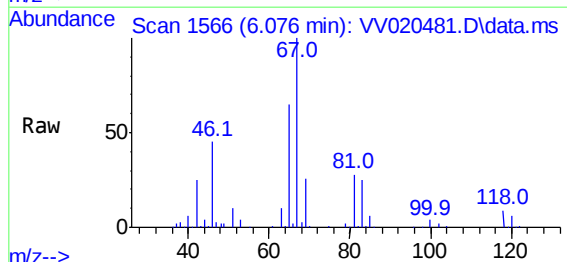
Instrument :
MSVOA_V
ClientSampled :
BG0N3

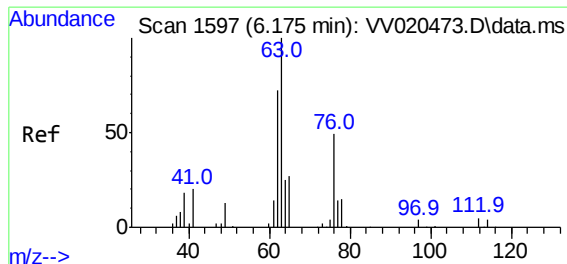
Tgt Ion: 83 Resp: 5023
Ion Ratio Lower Upper
83 100
85 53.4 47.3 87.9



#35
Methylcyclohexane
Concen: 0.59 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

Tgt Ion: 83 Resp: 22583
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 1.0 39.0 58.6#

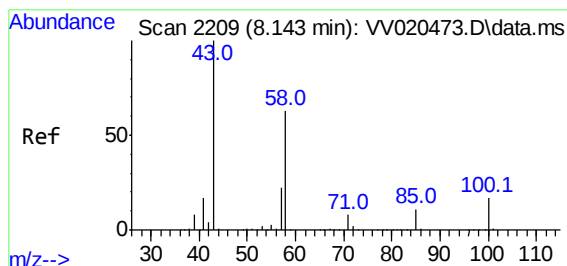
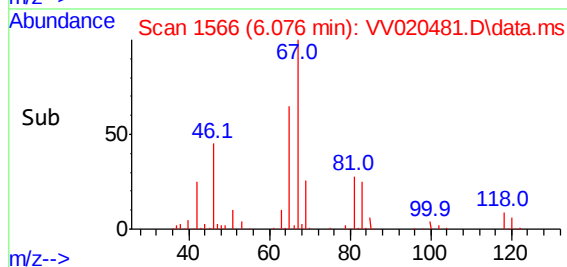
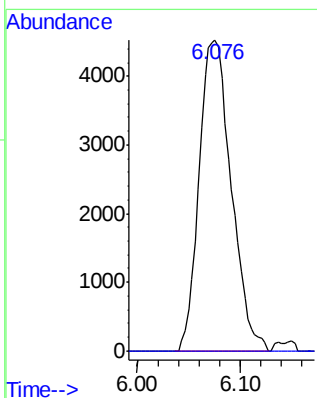
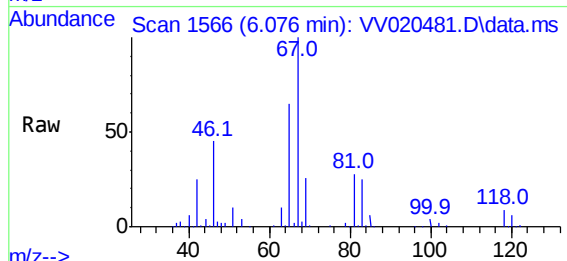




#37
1,2-Dichloropropane
Concen: 0.44 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

Instrument :
MSVOA_V
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Tgt Ion: 63 Resp: 9762
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#



#50
2-Hexanone
Concen: 2.19 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020481.D
Acq: 09 Mar 2021 19:14

Tgt Ion: 43 Resp: 17058
Ion Ratio Lower Upper
43 100
58 57.6 41.6 62.4
57 18.9 15.4 23.0
100 14.6 11.2 16.8

