

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020476.D
 Acq On : 09 Mar 2021 17:17
 Operator : SY/MD
 Sample : M1617-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0M8

Quant Time: Mar 10 00:21:04 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)

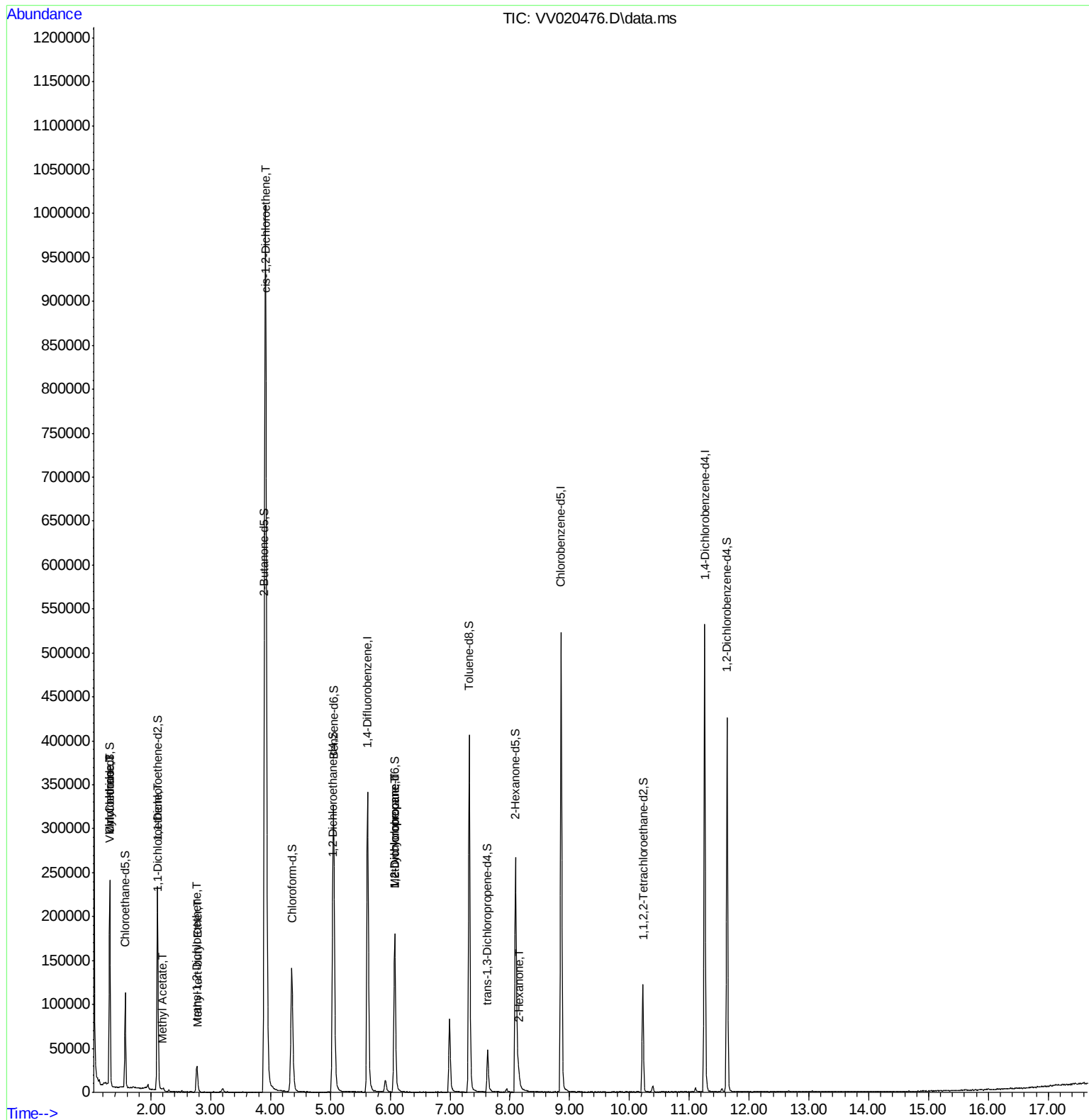
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	315669	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	307739	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	149748	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88836	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.568	69	71205	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.111	63	117442	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	3.896	46	134858	35.02	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.04%
24) Chloroform-d	4.352	84	153364	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.037	65	73209	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
32) Benzene-d6	5.053	84	312645	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.076	67	90250	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.320	98	281035	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
45) trans-1,3-Dichloroprop...	7.629	79	30523	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
48) 2-Hexanone-d5	8.092	63	91061	29.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.56%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	57597	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.00%
65) 1,2-Dichlorobenzene-d4	11.632	152	118046	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%
Target Compounds						
5) Vinyl chloride	1.311	62	64579	1.74	ug/L	99
8) Chloroethane	1.311	64	22011	0.99	ug/L #	57
12) 1,1-Dichloroethene	2.118	96	5130	0.19	ug/L #	1
15) Methyl Acetate	2.192	43	3500	0.41	ug/L #	41
17) Methyl tert-butyl Ether	2.777	73	5226	0.09	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	10959	0.39	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	583444	19.93	ug/L	88
35) Methylcyclohexane	6.076	83	23466	0.52	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	10046	0.38	ug/L #	83
50) 2-Hexanone	8.149	43	12141	1.31	ug/L #	89

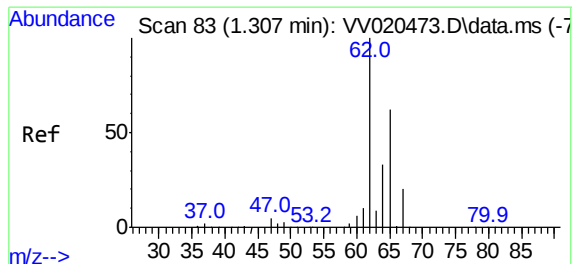
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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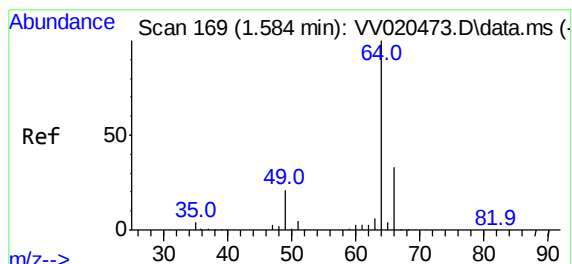
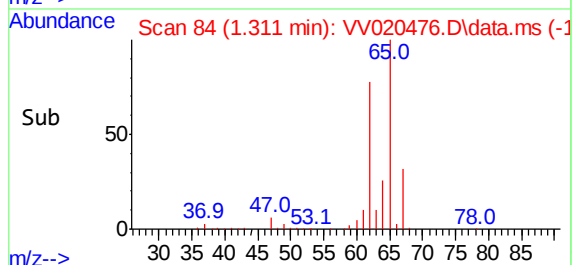
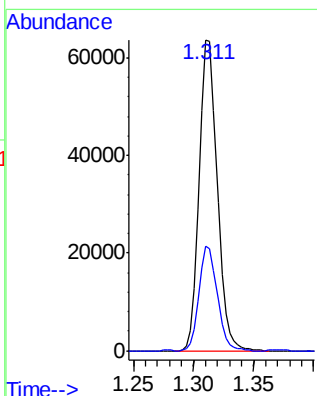
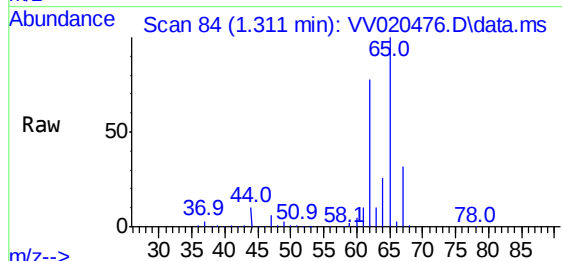




#5
Vinyl chloride
Concen: 1.74 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV020476.D
Acq: 09 Mar 2021 17:17

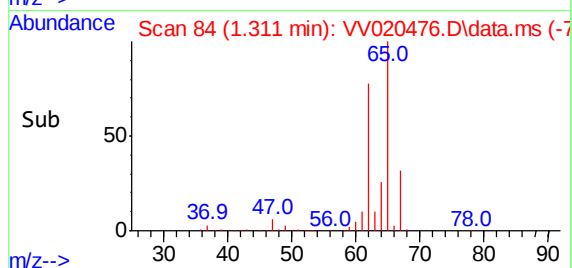
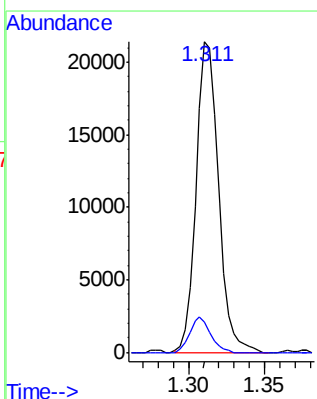
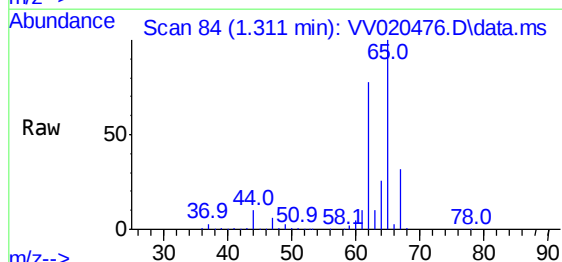
Instrument :
MSVOA_V
ClientSampled :
BG0M8

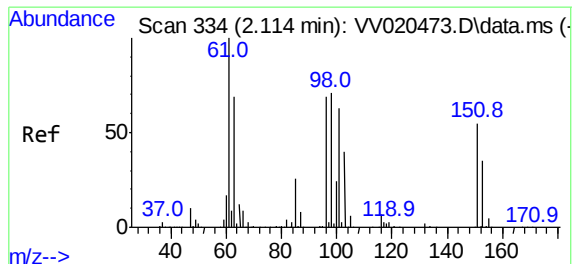
Tgt Ion: 62 Resp: 64579
Ion Ratio Lower Upper
62 100
64 33.7 23.0 42.8



#8
Chloroethane
Concen: 0.99 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV020476.D
Acq: 09 Mar 2021 17:17

Tgt Ion: 64 Resp: 22011
Ion Ratio Lower Upper
64 100
66 9.7 24.0 44.6#

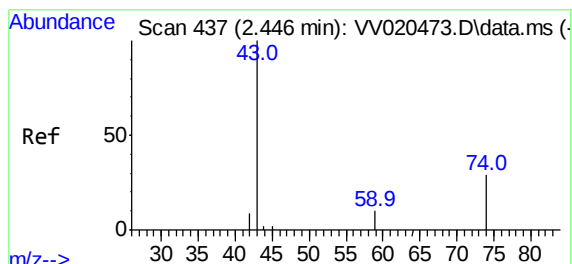
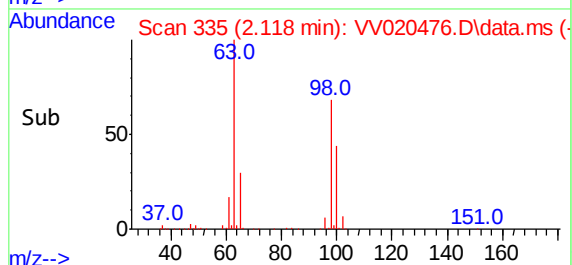
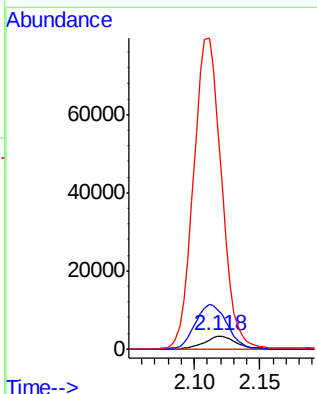
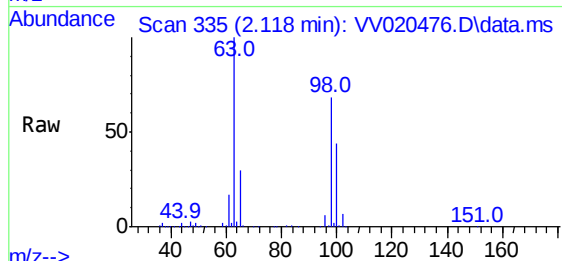




#12
1,1-Dichloroethene
Concen: 0.19 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV020476.D
Acq: 09 Mar 2021 17:17

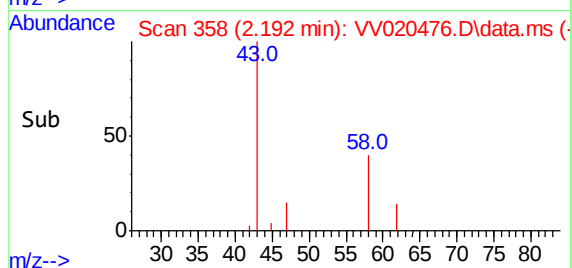
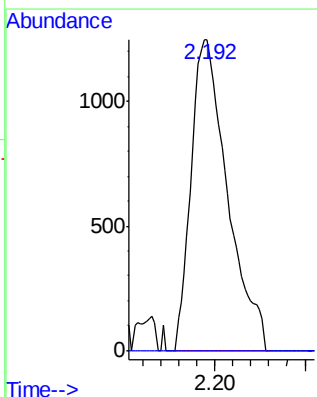
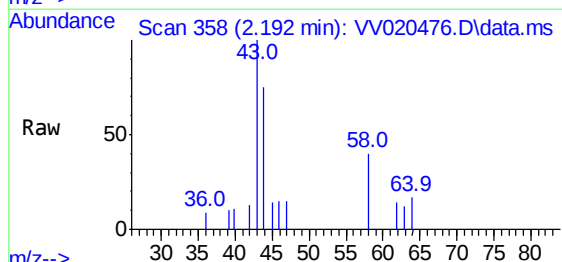
Instrument :
MSVOA_V
ClientSampled :
BG0M8

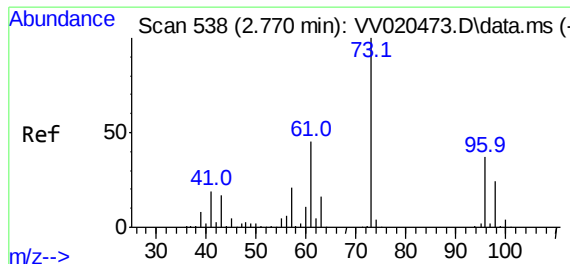
Tgt Ion: 96 Resp: 5130
Ion Ratio Lower Upper
96 100
61 310.1 123.1 228.7#
63 1785.3 91.2 169.4#



#15
Methyl Acetate
Concen: 0.41 ug/L
RT: 2.192 min Scan# 358
Delta R.T. -0.254 min
Lab File: VV020476.D
Acq: 09 Mar 2021 17:17

Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
74 0.0 26.6 40.0#



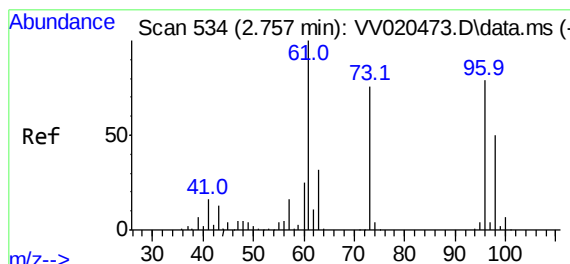
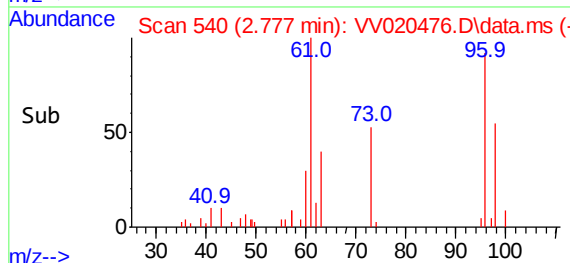
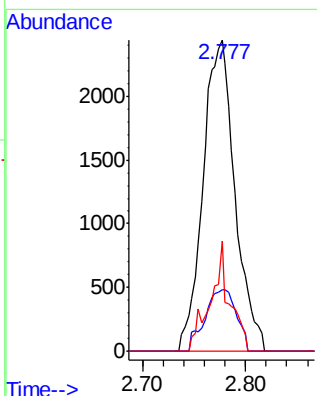
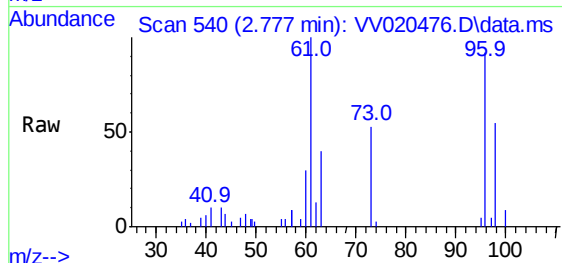


#17
Methyl tert-butyl Ether
Concen: 0.09 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV020476.D
Acq: 09 Mar 2021 17:17

Instrument :
MSVOA_V
ClientSampled :
BG0M8

Tgt Ion: 73 Resp: 5226

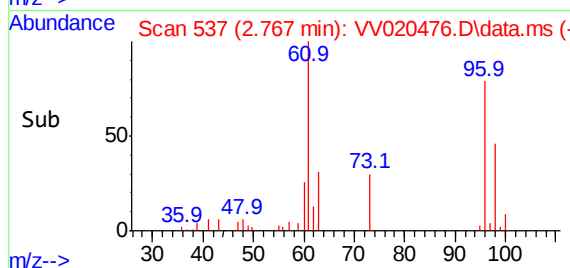
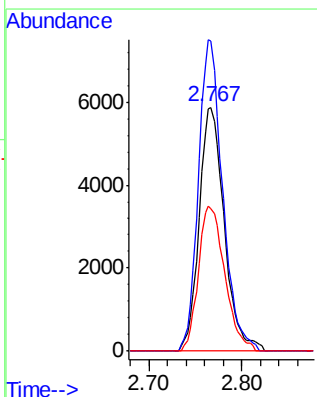
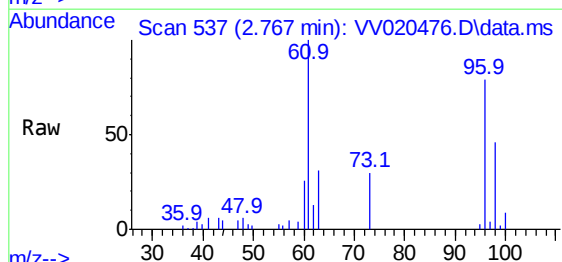
Ion	Ratio	Lower	Upper
73	100		
43	19.6	18.3	27.5
57	21.3	16.7	25.1

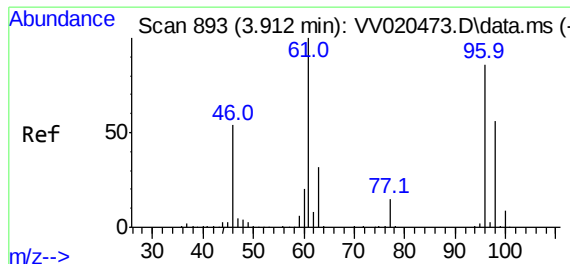


#18
trans-1,2-Dichloroethene
Concen: 0.39 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV020476.D
Acq: 09 Mar 2021 17:17

Tgt Ion: 96 Resp: 10959

Ion	Ratio	Lower	Upper
96	100		
61	127.4	96.0	178.4
98	58.5	43.5	80.9

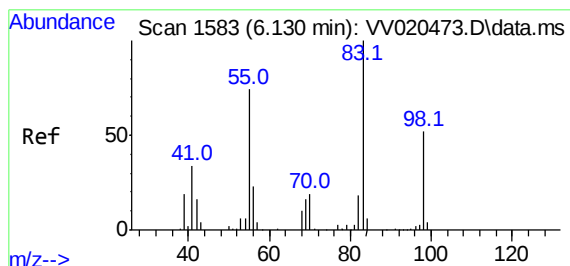
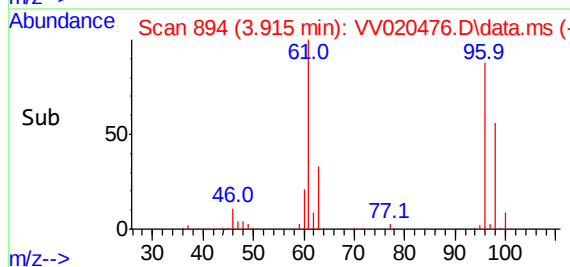
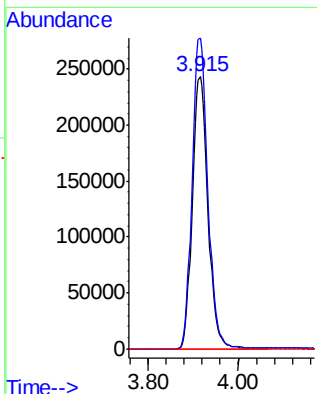
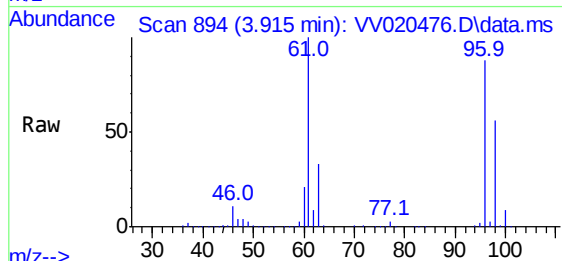




#22
 cis-1,2-Dichloroethene
 Concen: 19.93 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV020476.D
 Acq: 09 Mar 2021 17:17

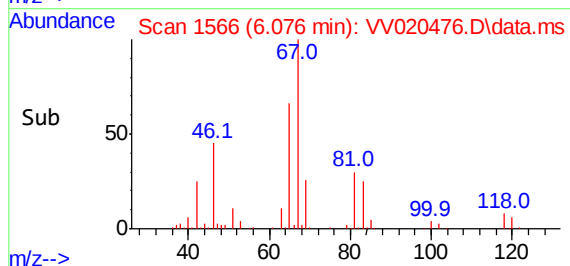
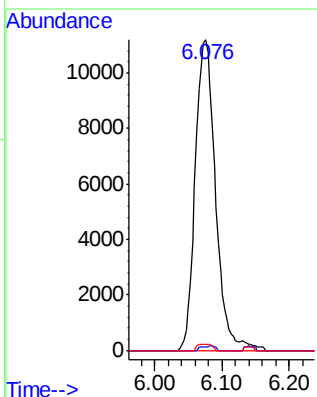
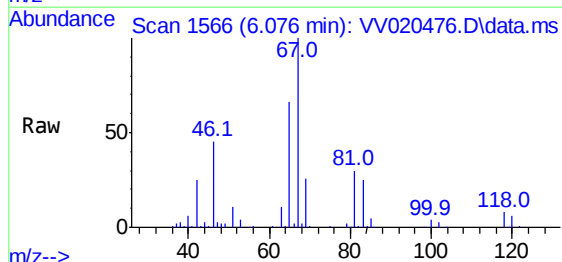
Instrument :
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 ClientSampleId :
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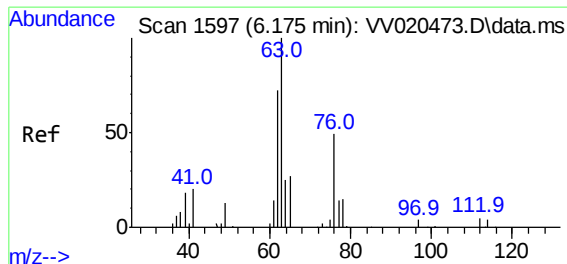
Tgt Ion: 96 Resp: 583444
 Ion Ratio Lower Upper
 96 100
 61 114.2 89.6 166.4
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.52 ug/L
 RT: 6.076 min Scan# 1566
 Delta R.T. -0.055 min
 Lab File: VV020476.D
 Acq: 09 Mar 2021 17:17

Tgt Ion: 83 Resp: 23466
 Ion Ratio Lower Upper
 83 100
 55 0.6 61.8 92.8#
 98 1.4 39.0 58.6#

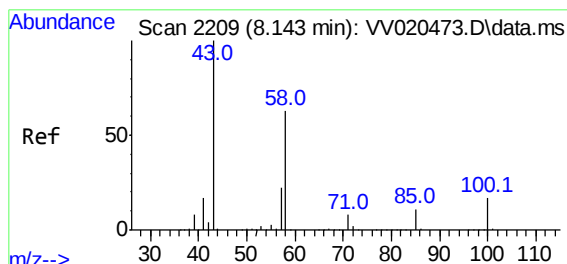
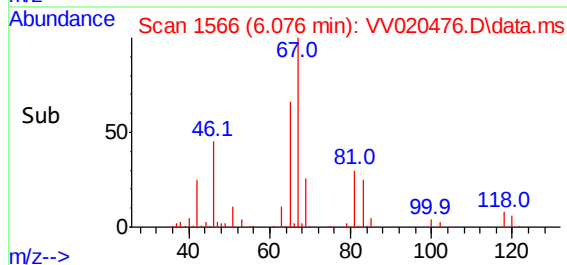
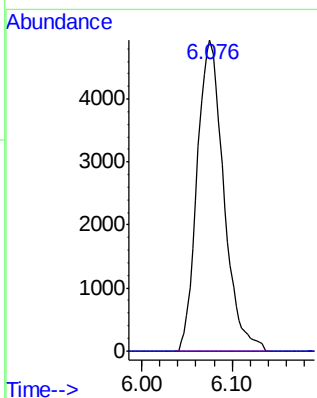
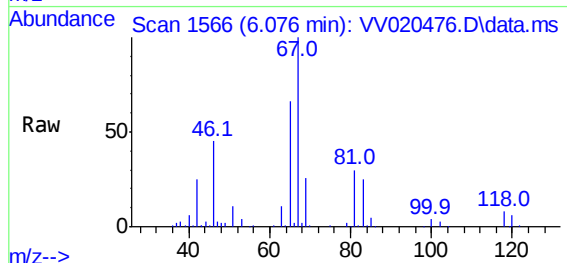




#37
1,2-Dichloropropane
Concen: 0.38 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV020476.D
Acq: 09 Mar 2021 17:17

Instrument :
MSVOA_V
ClientSampled :
BG0M8

Tgt Ion: 63 Resp: 10046
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: VV020476.D
Acq: 09 Mar 2021 17:17

Tgt Ion: 43 Resp: 12141
Ion Ratio Lower Upper
43 100
58 62.8 41.6 62.4#
57 16.7 15.4 23.0
100 13.2 11.2 16.8

