

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022895.D
 Acq On : 19 Oct 2021 03:05
 Operator : SY/MD
 Sample : M4137-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC8

Quant Time: Oct 19 04:09:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

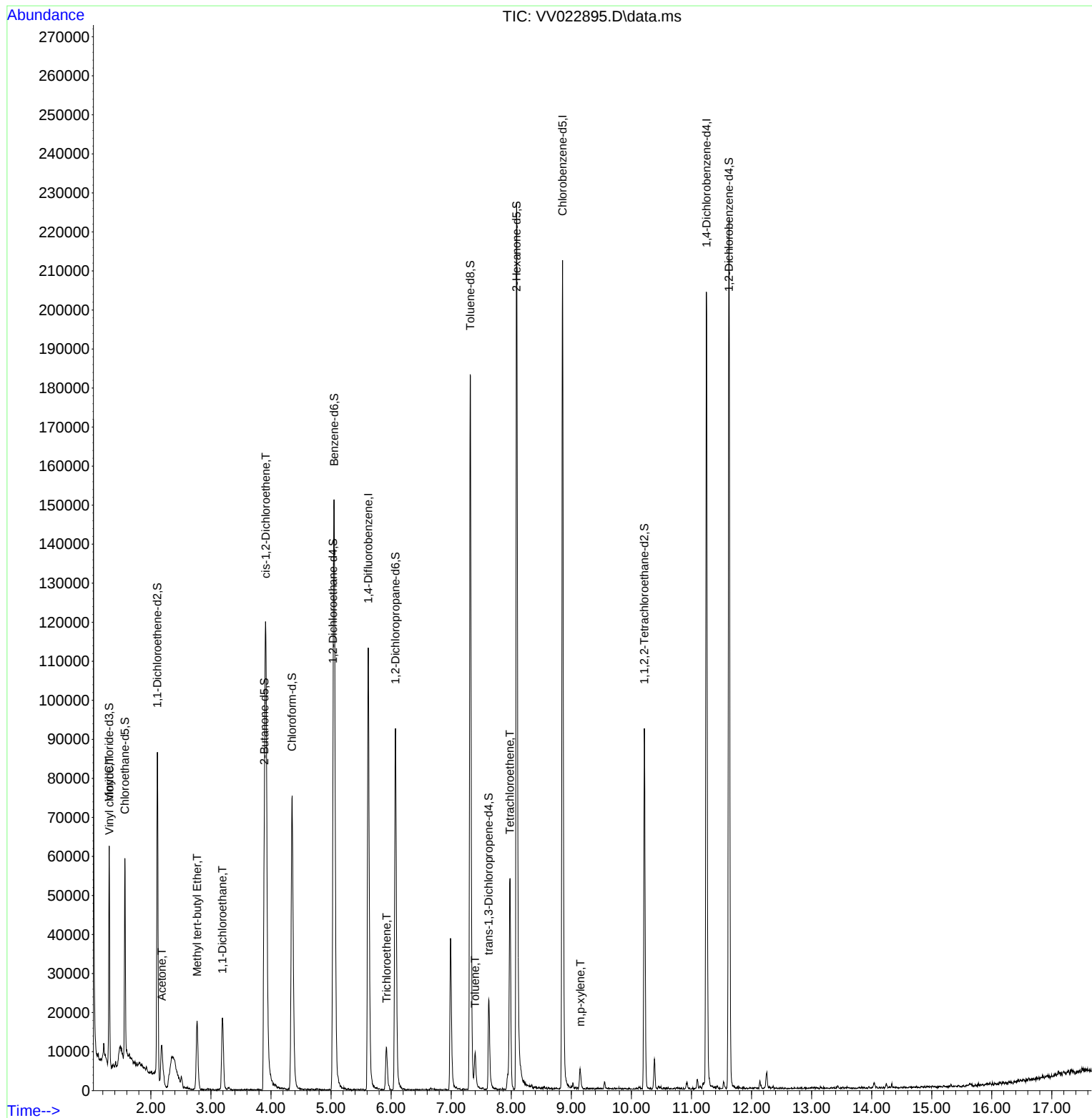
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100874	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120109	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56216	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32852	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.568	69	30280	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.108	63	41710	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.889	46	85571	47.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	4.352	84	76718	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.034	65	36436	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.053	84	140974	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.072	67	44344	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.317	98	124158	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloroprop...	7.625	79	14590	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.088	63	77230	54.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.12%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42653	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	59536	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	2003	0.26	ug/L #	52
13) Acetone	2.182	43	17175	16.93	ug/L #	43
17) Methyl tert-butyl Ether	2.770	73	16743	1.14	ug/L	97
19) 1,1-Dichloroethane	3.191	63	18952	1.59	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	56200	8.08	ug/L	98
34) Trichloroethene	5.924	95	3656	0.42	ug/L	94
42) Toluene	7.400	91	7607	0.23	ug/L	94
47) Tetrachloroethene	7.979	164	12961	1.82	ug/L	95
53) m,p-xylene	9.149	106	1656	0.13	ug/L	92

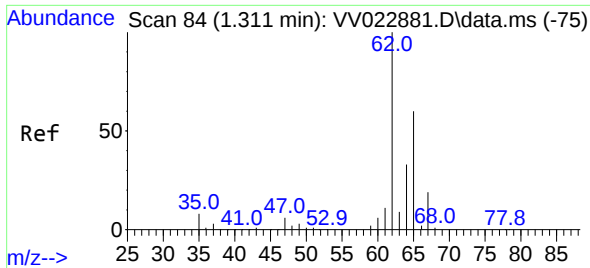
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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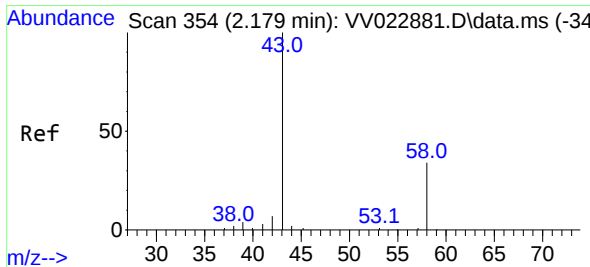
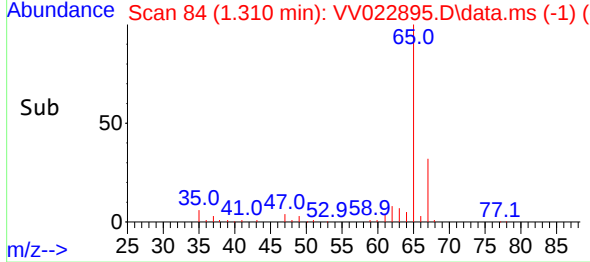
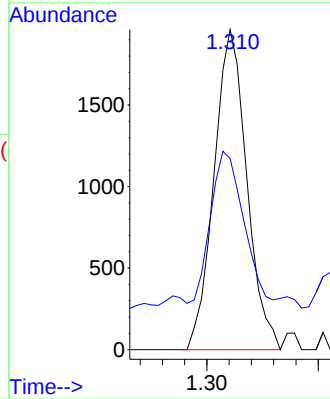
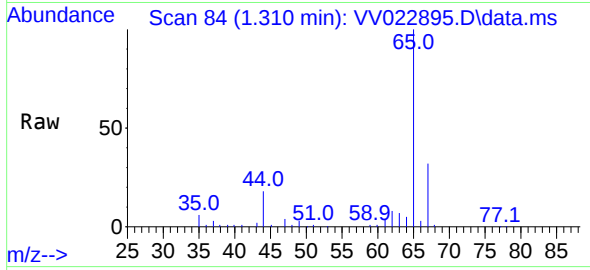




#5
 Vinyl chloride
 Concen: 0.26 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022895.D
 Acq: 19 Oct 2021 03:05

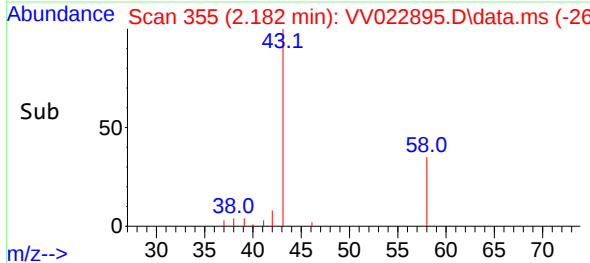
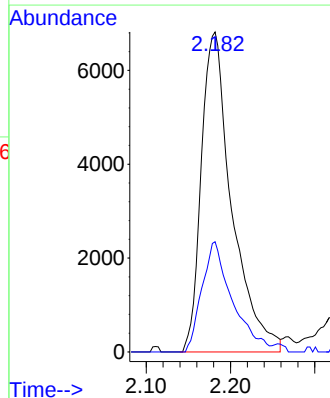
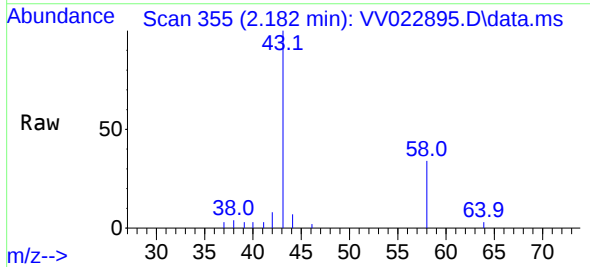
Instrument :
 MSVOA_V
 ClientSampled :
 BFGC8

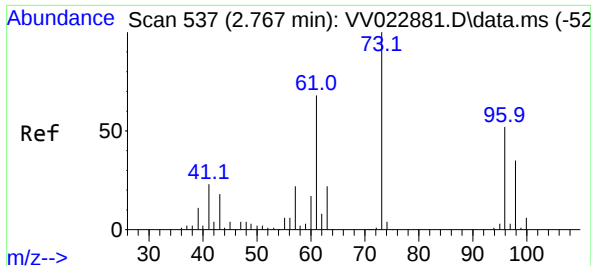
Tgt Ion: 62 Resp: 2003
 Ion Ratio Lower Upper
 62 100
 64 59.7 23.0 42.8#



#13
 Acetone
 Concen: 16.93 ug/L
 RT: 2.182 min Scan# 355
 Delta R.T. 0.003 min
 Lab File: VV022895.D
 Acq: 19 Oct 2021 03:05

Tgt Ion: 43 Resp: 17175
 Ion Ratio Lower Upper
 43 100
 58 34.3 0.0 24.2#

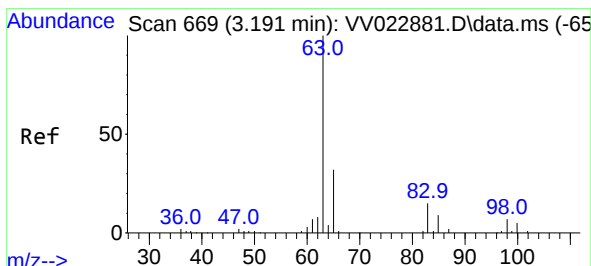
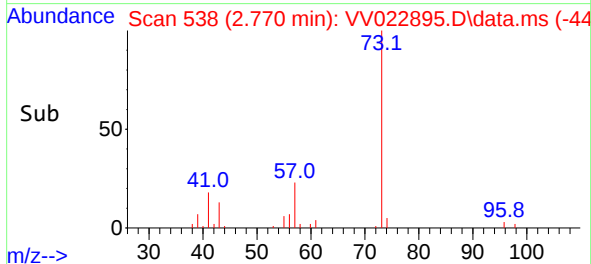
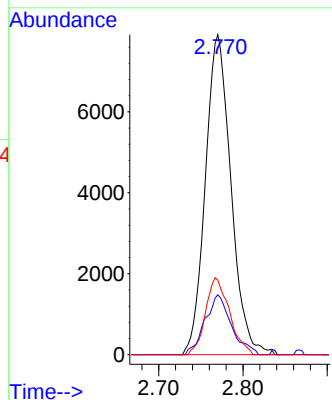
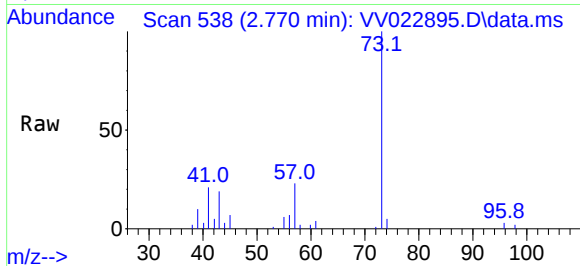




#17
Methyl tert-butyl Ether
Concen: 1.14 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022895.D
Acq: 19 Oct 2021 03:05

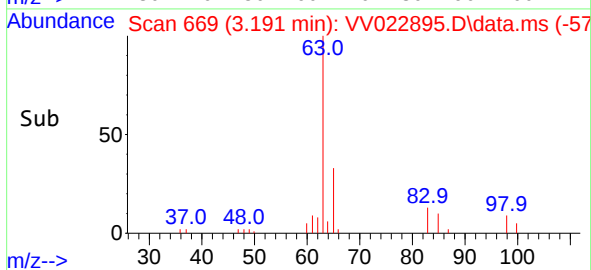
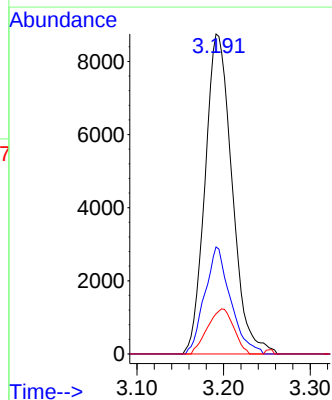
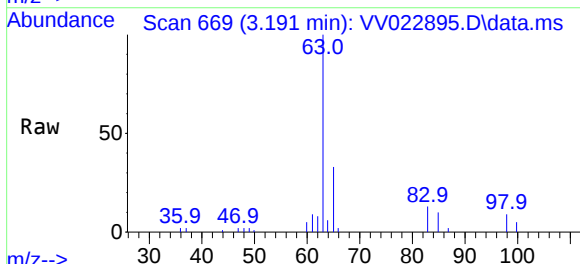
Instrument :
MSVOA_V
ClientSampled :
BFGC8

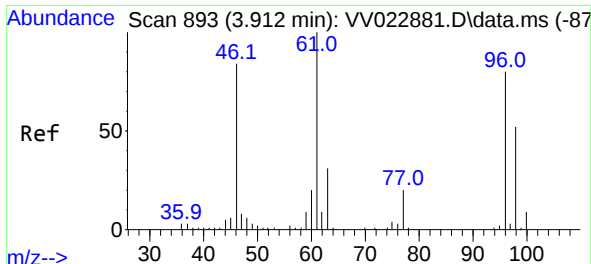
Tgt Ion: 73	Resp: 16743
Ion Ratio	Lower Upper
73 100	
43 19.2	17.1 25.7
57 22.4	17.2 25.8



#19
1,1-Dichloroethane
Concen: 1.59 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV022895.D
Acq: 19 Oct 2021 03:05

Tgt Ion: 63	Resp: 18952
Ion Ratio	Lower Upper
63 100	
65 33.4	23.5 43.7
83 12.5	10.1 18.7

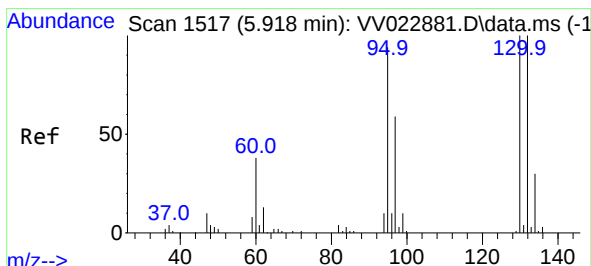
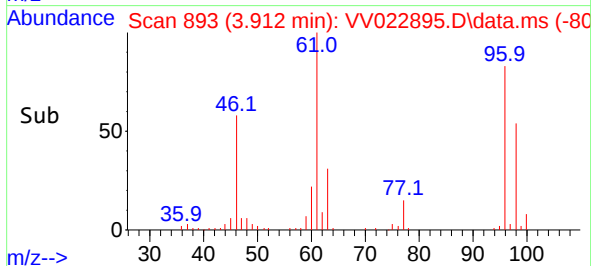
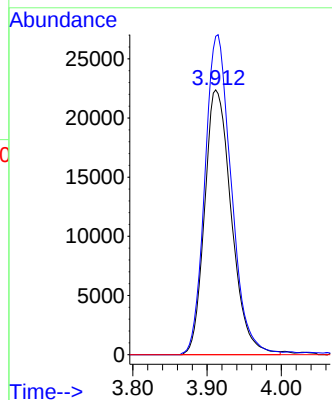
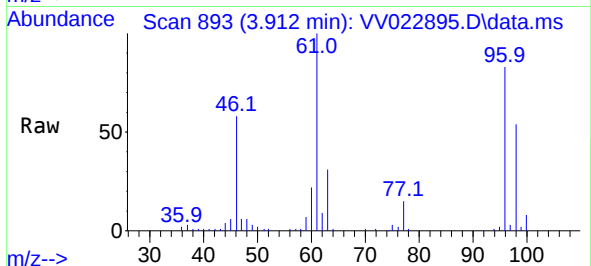




#22
cis-1,2-Dichloroethene
Concen: 8.08 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022895.D
Acq: 19 Oct 2021 03:05

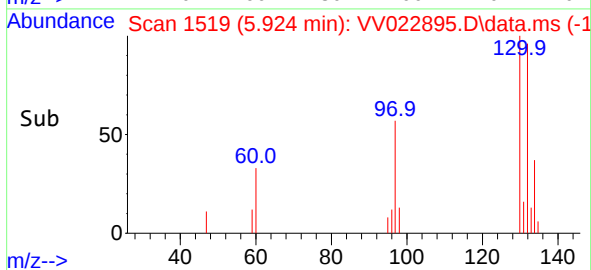
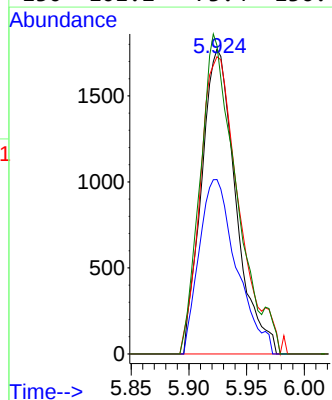
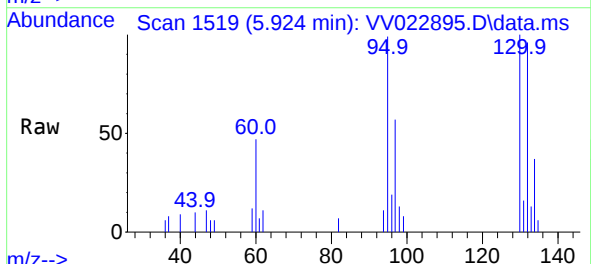
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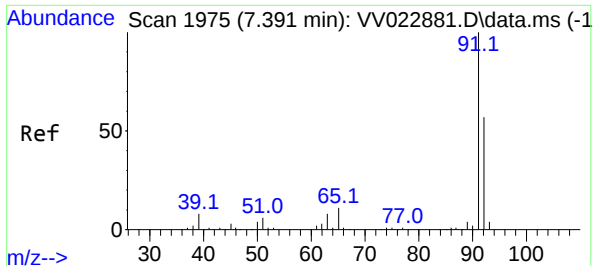
Tgt Ion: 96 Resp: 56200
Ion Ratio Lower Upper
96 100
61 120.2 86.0 159.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.42 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV022895.D
Acq: 19 Oct 2021 03:05

Tgt Ion: 95 Resp: 3656
Ion Ratio Lower Upper
95 100
97 57.3 45.8 85.2
132 97.6 72.2 134.0
130 101.2 73.4 136.4

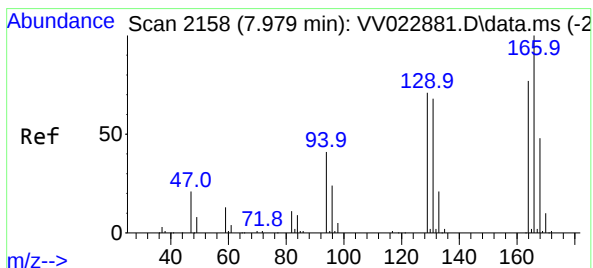
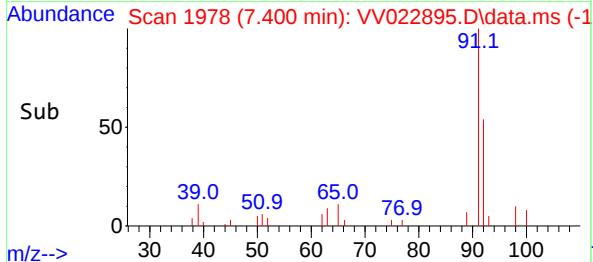
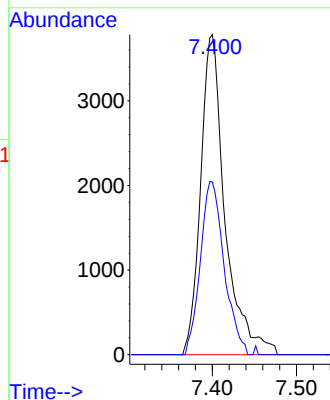
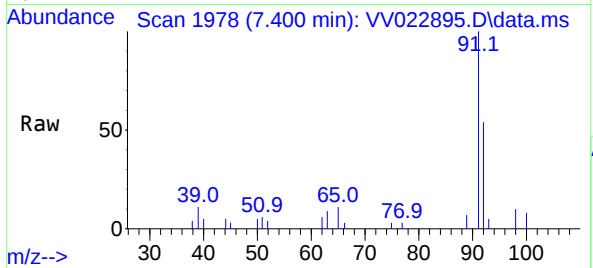




#42
Toluene
Concen: 0.23 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV022895.D
Acq: 19 Oct 2021 03:05

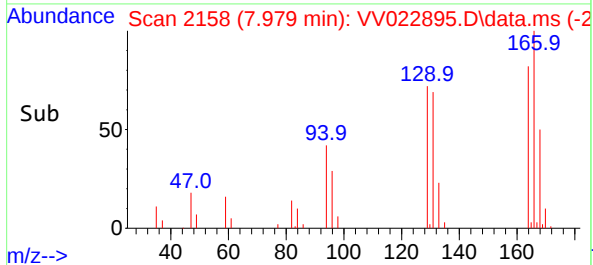
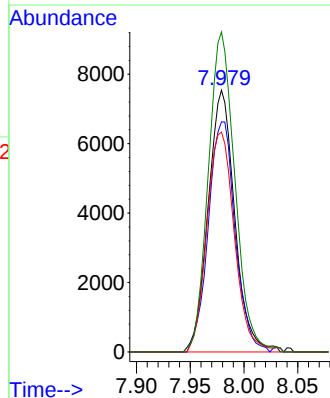
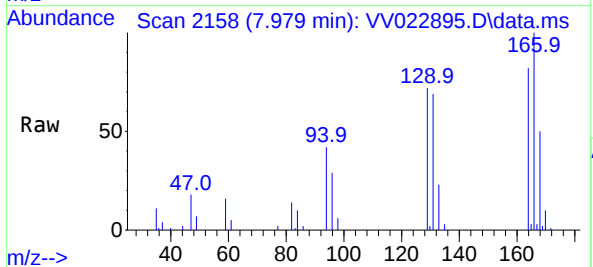
Instrument :
MSVOA_V
ClientSampled :
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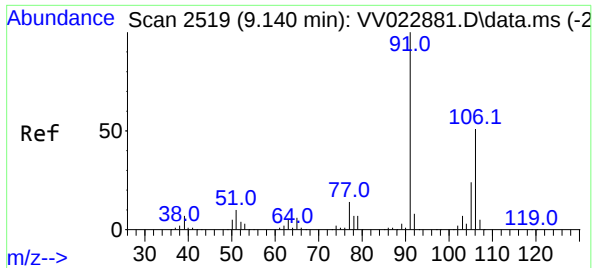
Tgt Ion: 91 Resp: 7607
Ion Ratio Lower Upper
91 100
92 54.0 40.7 75.7



#47
Tetrachloroethene
Concen: 1.82 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV022895.D
Acq: 19 Oct 2021 03:05

Tgt Ion: 164 Resp: 12961
Ion Ratio Lower Upper
164 100
129 87.9 65.0 120.6
131 84.0 62.2 115.4
166 122.2 89.2 165.8





#53
 m,p-xylene
 Concen: 0.13 ug/L
 RT: 9.149 min Scan# 2522
 Delta R.T. 0.010 min
 Lab File: VV022895.D
 Acq: 19 Oct 2021 03:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC8

Tgt Ion:106 Resp: 1656
 Ion Ratio Lower Upper
 106 100
 91 186.2 138.7 257.5

