

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022901.D
 Acq On : 19 Oct 2021 05:29
 Operator : SY/MD
 Sample : M4137-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD4

Quant Time: Oct 19 09:00:31 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)

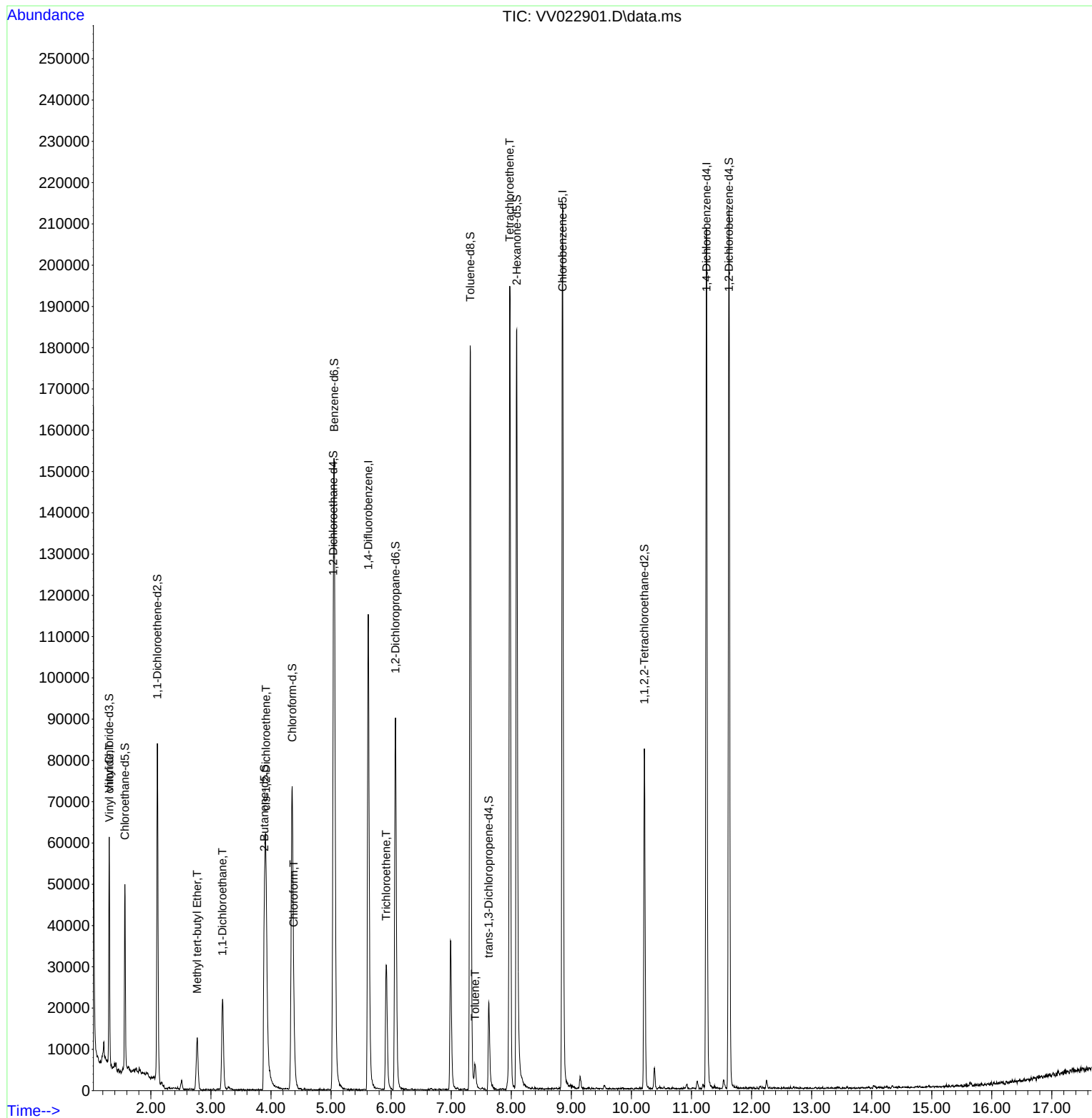
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102224	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123667	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56908	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31676	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.568	69	25593	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.108	63	40886	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.889	46	74963	40.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.30%
24) Chloroform-d	4.352	84	74755	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.037	65	35079	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.053	84	140601	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.072	67	43589	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.317	98	119190	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloroprop...	7.625	79	13164	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.092	63	63312	43.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.88%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38530	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	56354	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	3187	0.41	ug/L	# 68
17) Methyl tert-butyl Ether	2.770	73	12039	0.81	ug/L	97
19) 1,1-Dichloroethane	3.191	63	21940	1.81	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	20855	2.96	ug/L	97
25) Chloroform	4.378	83	8542	0.61	ug/L	99
34) Trichloroethene	5.918	95	11135	1.23	ug/L	95
42) Toluene	7.397	91	4518	0.13	ug/L	90
47) Tetrachloroethene	7.976	164	45703	6.24	ug/L	96

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

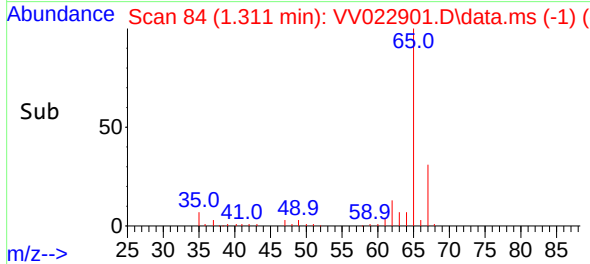
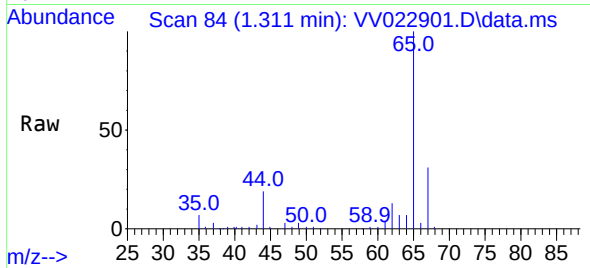
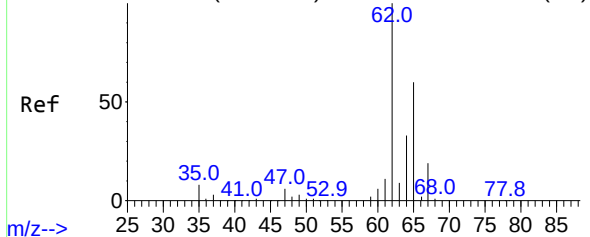
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
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Response via : Initial Calibration

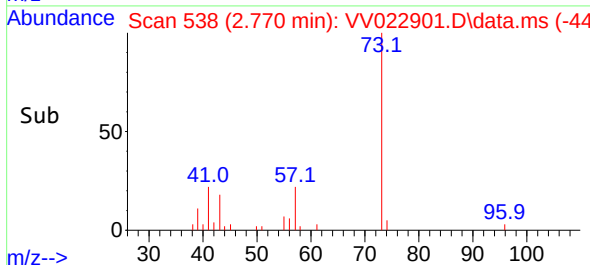
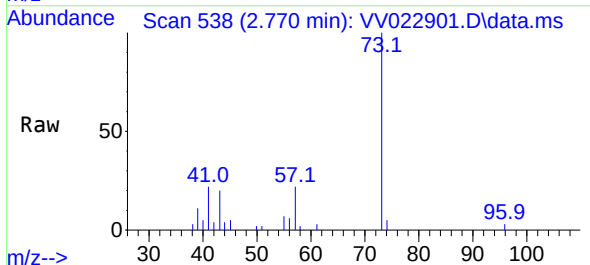
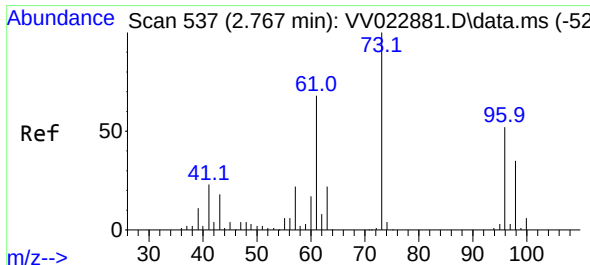
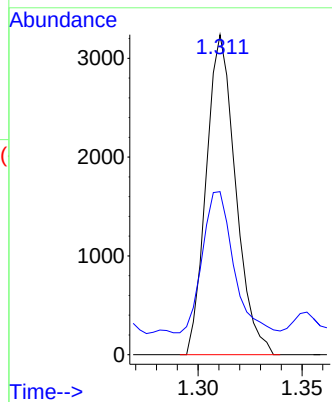


Abundance Scan 84 (1.311 min): VV022881.D\data.ms (-75)



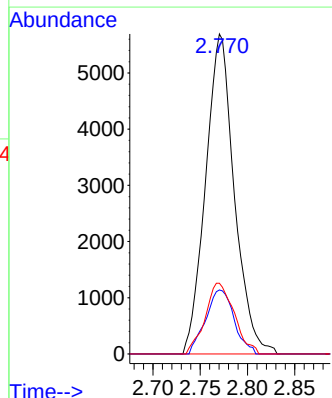
#5
Vinyl chloride
Concen: 0.41 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

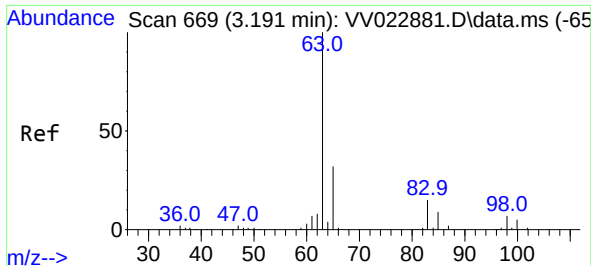
Tgt Ion: 62 Resp: 3187
Ion Ratio Lower Upper
62 100
64 50.9 23.0 42.8#



#17
Methyl tert-butyl Ether
Concen: 0.81 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 73 Resp: 12039
Ion Ratio Lower Upper
73 100
43 19.7 17.1 25.7
57 22.3 17.2 25.8



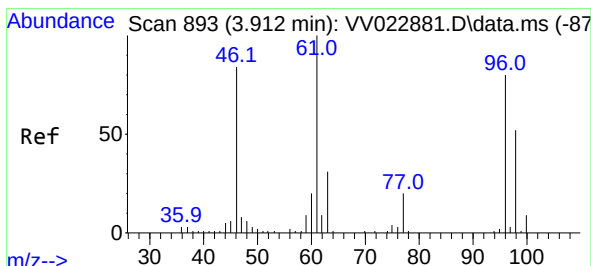
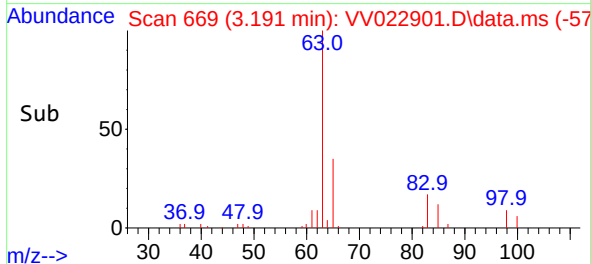
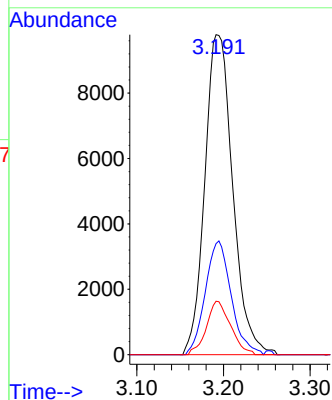
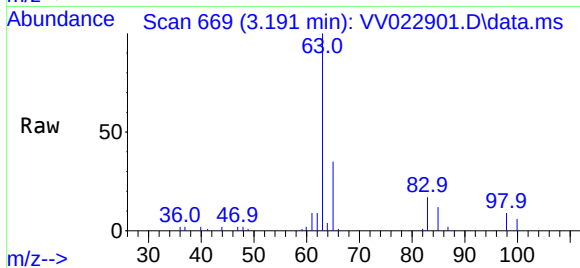


#19
1,1-Dichloroethane
Concen: 1.81 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Instrument :
MSVOA_V
ClientSampled :
BFGD4

Tgt Ion: 63 Resp: 21940

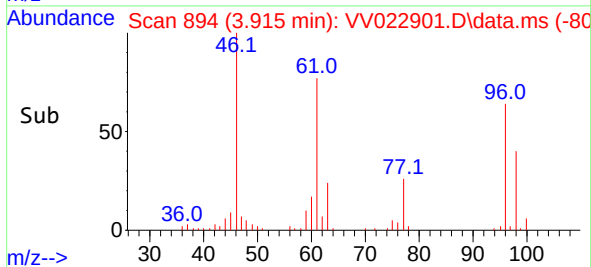
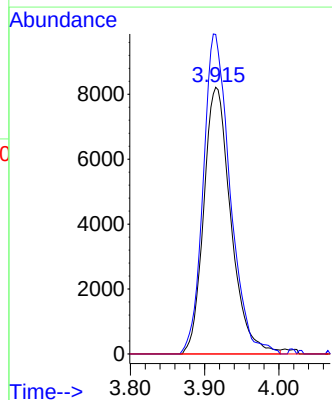
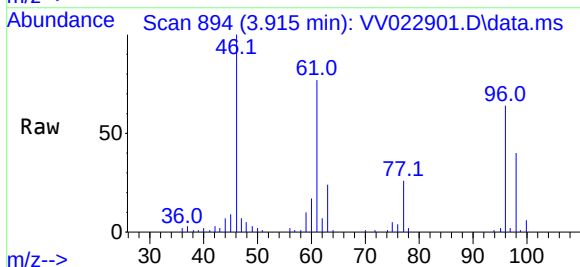
Ion	Ratio	Lower	Upper
63	100		
65	34.7	23.5	43.7
83	16.7	10.1	18.7

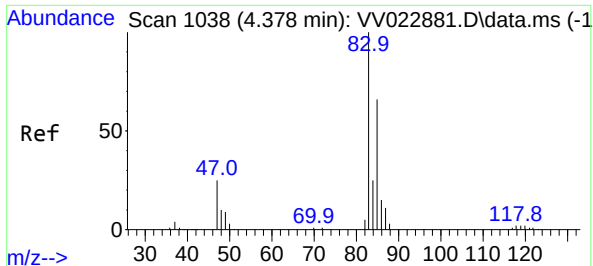


#22
cis-1,2-Dichloroethene
Concen: 2.96 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 96 Resp: 20855

Ion	Ratio	Lower	Upper
96	100		
61	119.8	86.0	159.6
68	0.0	0.0	0.0

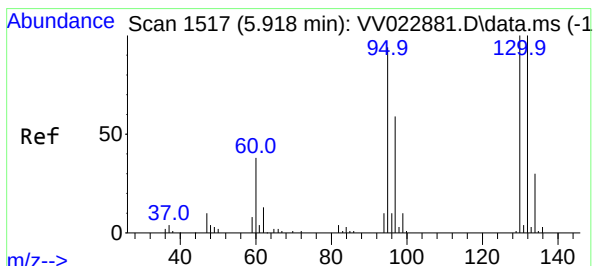
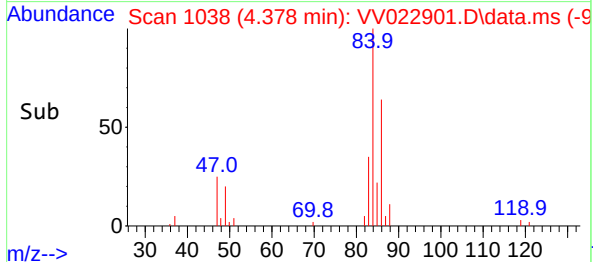
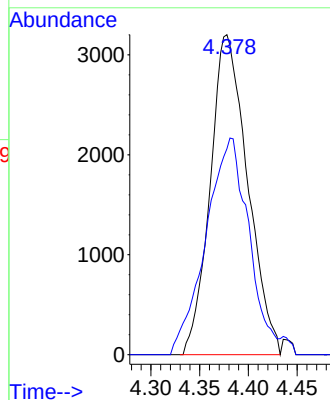
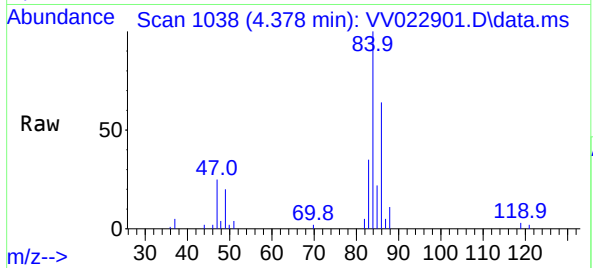




#25
Chloroform
Concen: 0.61 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

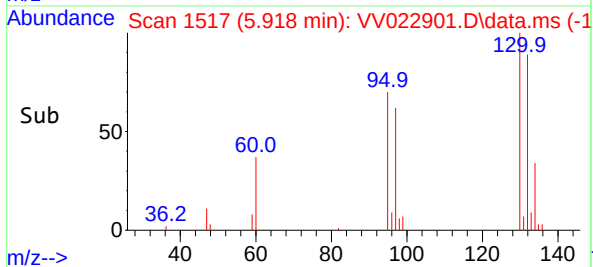
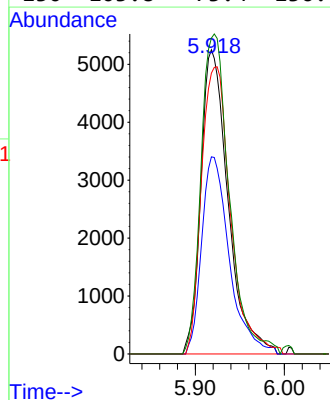
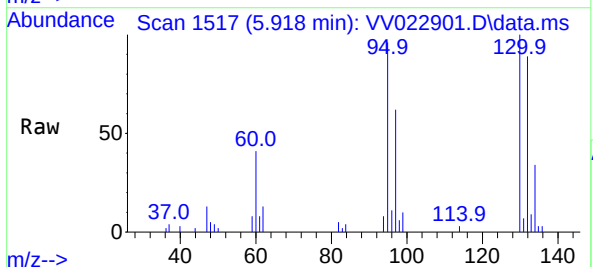
Instrument :
MSVOA_V
ClientSampleId :
BFGD4

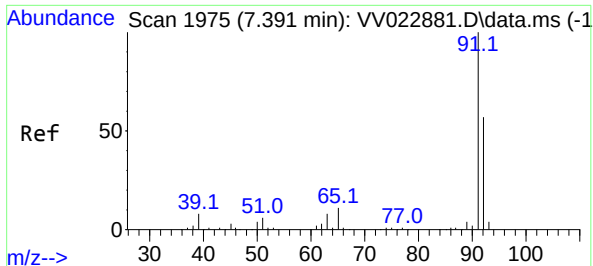
Tgt Ion: 83 Resp: 8542
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9



#34
Trichloroethene
Concen: 1.23 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV022901.D
Acq: 19 Oct 2021 05:29

Tgt Ion: 95 Resp: 11135
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 92.3 72.2 134.0
130 103.8 73.4 136.4





#42

Toluene

Concen: 0.13 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV022901.D

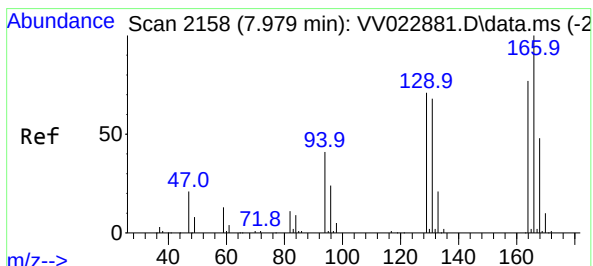
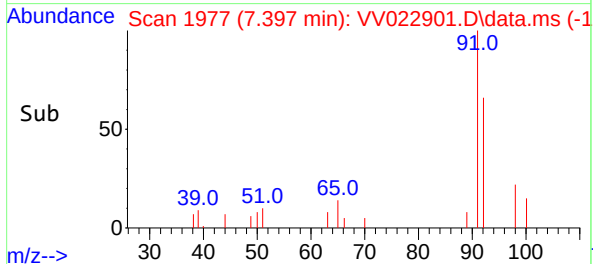
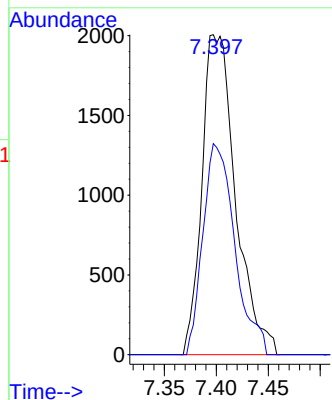
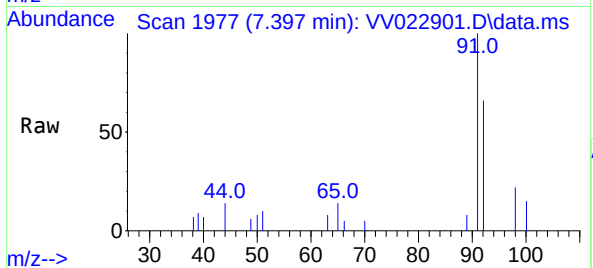
Acq: 19 Oct 2021 05:29

Tgt Ion: 91 Resp: 4518

Ion Ratio Lower Upper

91 100

92 66.0 40.7 75.7



#47

Tetrachloroethene

Concen: 6.24 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV022901.D

Acq: 19 Oct 2021 05:29

Tgt Ion: 164 Resp: 45703

Ion Ratio Lower Upper

164 100

129 87.8 65.0 120.6

131 85.3 62.2 115.4

166 122.4 89.2 165.8

