

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022890.D
 Acq On : 19 Oct 2021 01:05
 Operator : SY/MD
 Sample : M4137-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA4

Quant Time: Oct 19 04:08:48 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)

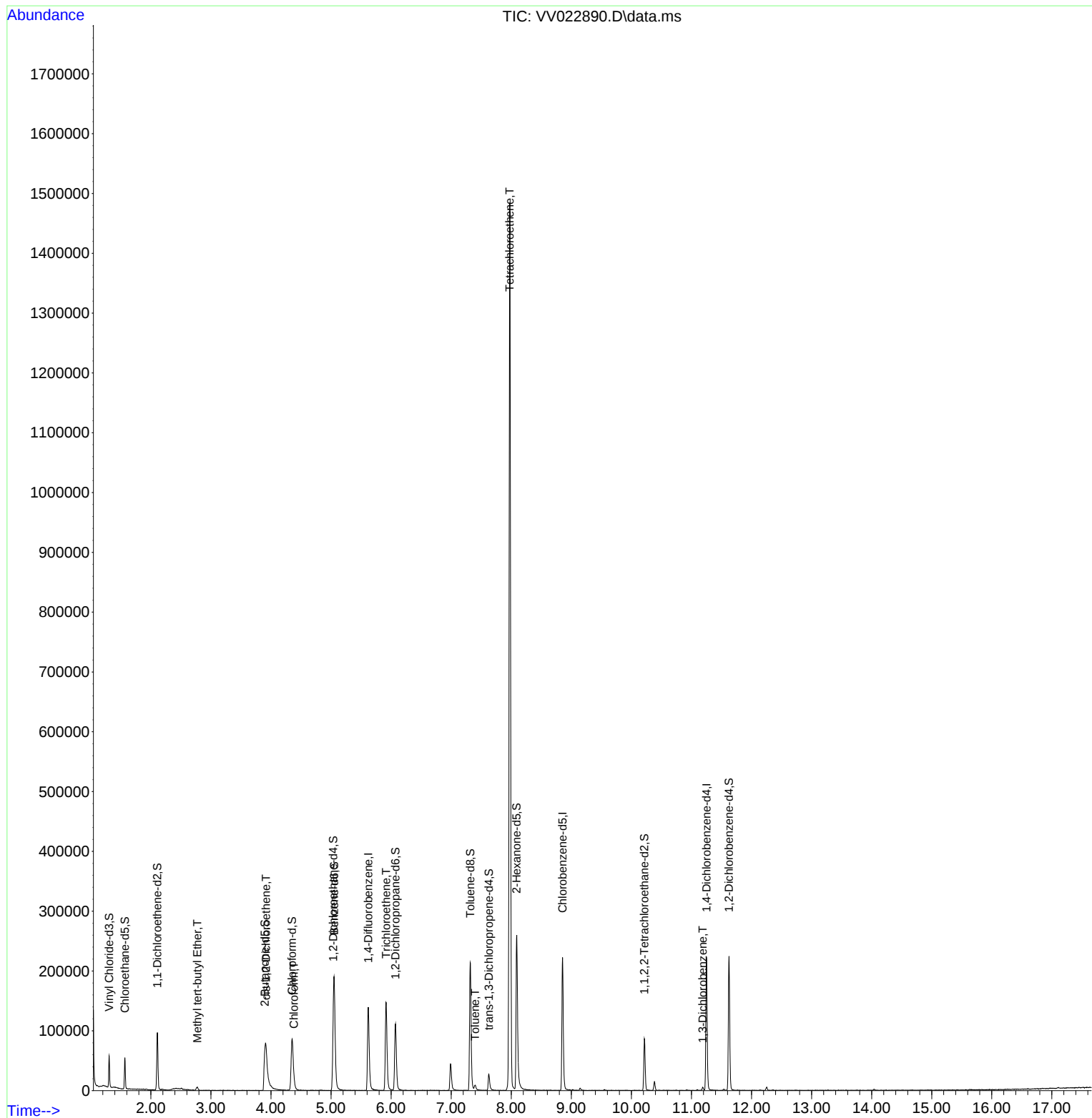
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124196	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127049	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59235	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33136	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.568	69	30811	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.108	63	49663	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.896	46	110646	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	4.349	84	90531	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.037	65	43414	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.053	84	173311	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.072	67	55750	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.317	98	146026	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	7.628	79	16519	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.088	63	93734	62.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.20%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41764	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	58878	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.773	73	3772	0.21	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	17627	2.06	ug/L	98
25) Chloroform	4.381	83	9660	0.57	ug/L	96
34) Trichloroethene	5.918	95	51439	5.53	ug/L	97
42) Toluene	7.397	91	6822	0.20	ug/L	96
47) Tetrachloroethene	7.976	164	335723	44.61	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	2205	0.14	ug/L	96

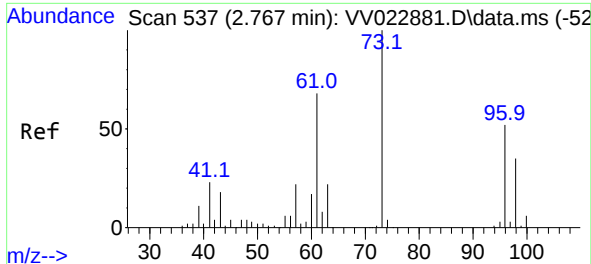
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

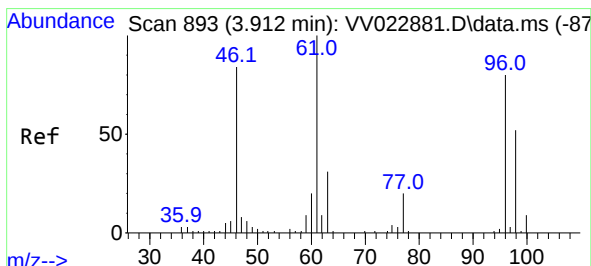
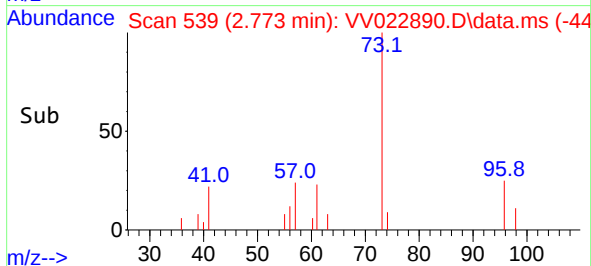
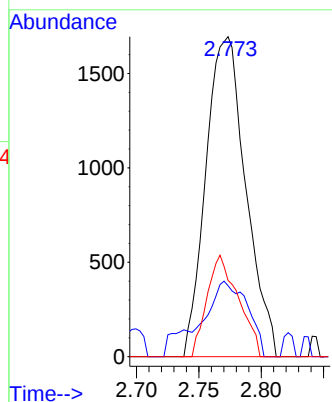
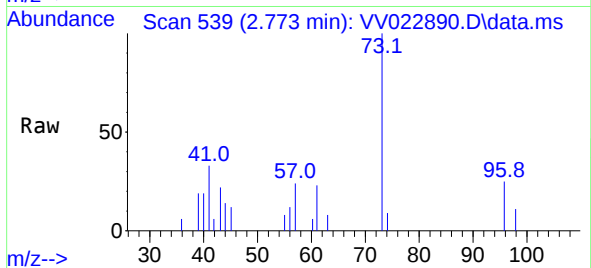




#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV022890.D
Acq: 19 Oct 2021 01:05

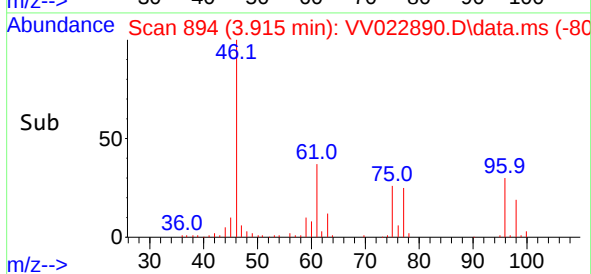
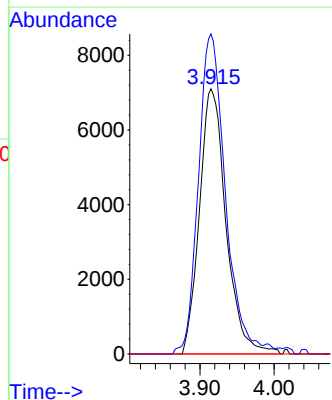
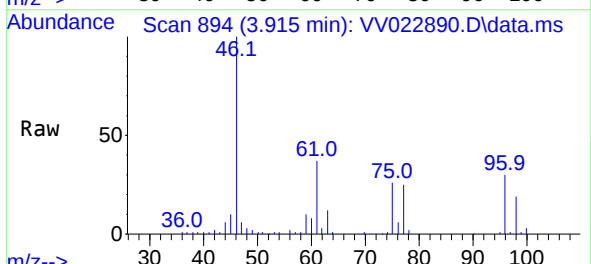
Instrument :
MSVOA_V
ClientSampled :
BFGA4

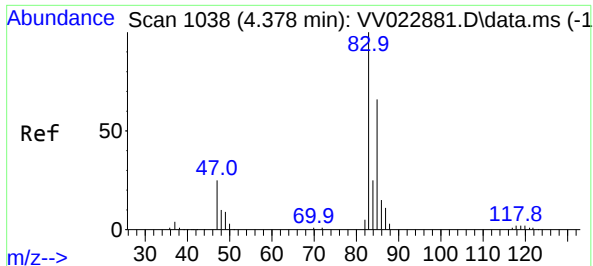
Tgt Ion: 73	Resp: 3772
Ion Ratio	Lower Upper
73 100	
43 23.5	17.1 25.7
57 25.0	17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 2.06 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022890.D
Acq: 19 Oct 2021 01:05

Tgt Ion: 96	Resp: 17627
Ion Ratio	Lower Upper
96 100	
61 120.7	86.0 159.6
68 0.0	0.0 0.0



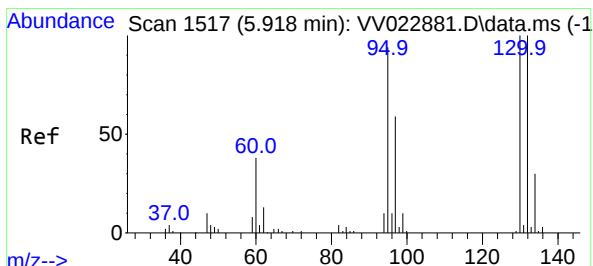
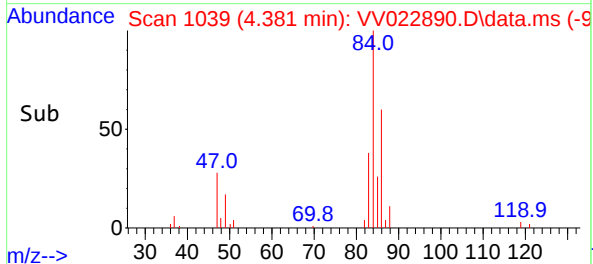
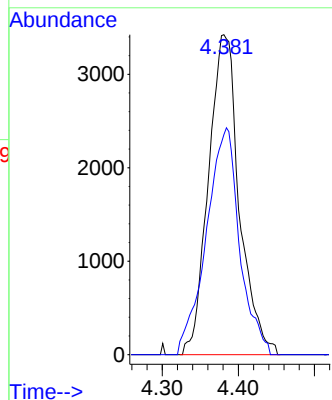
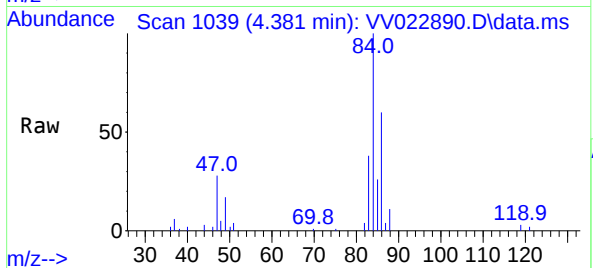


#25

Chloroform
Concen: 0.57 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV022890.D
Acq: 19 Oct 2021 01:05

Instrument :
MSVOA_V
ClientSampled :
BFGA4

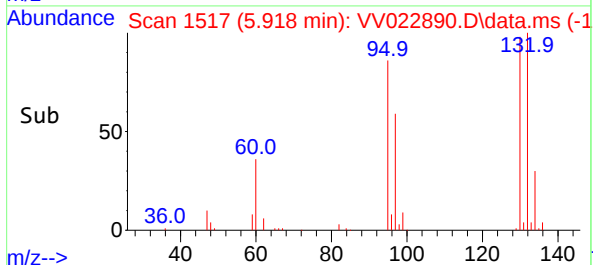
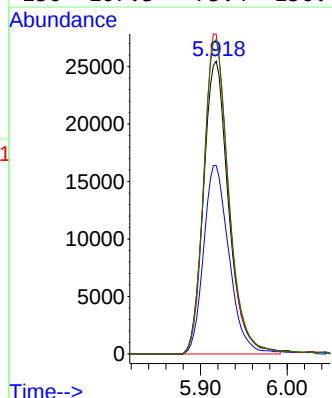
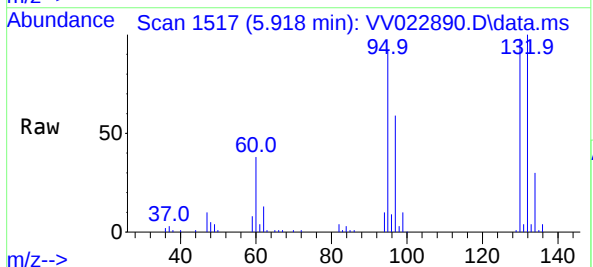
Tgt Ion: 83 Resp: 9660
Ion Ratio Lower Upper
83 100
85 68.8 45.7 84.9

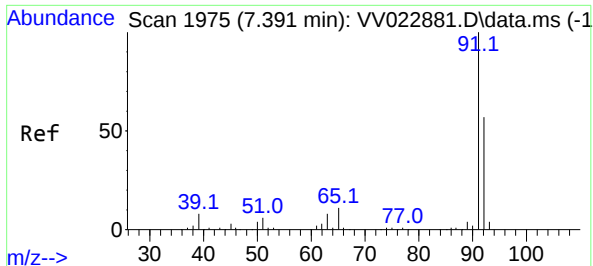


#34

Trichloroethene
Concen: 5.53 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV022890.D
Acq: 19 Oct 2021 01:05

Tgt Ion: 95 Resp: 51439
Ion Ratio Lower Upper
95 100
97 64.4 45.8 85.2
132 109.1 72.2 134.0
130 107.3 73.4 136.4

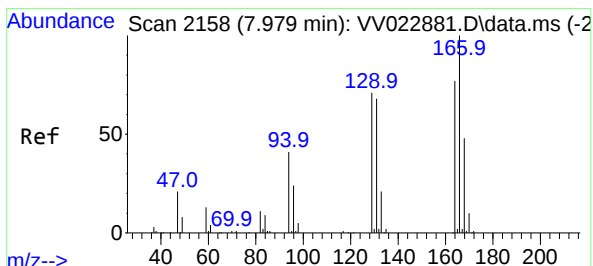
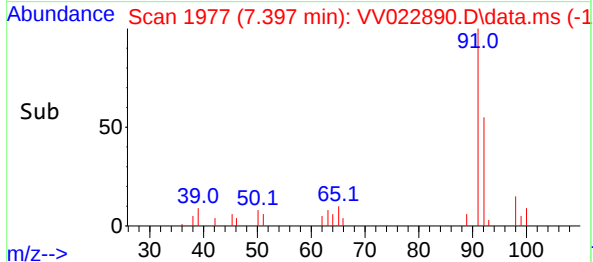
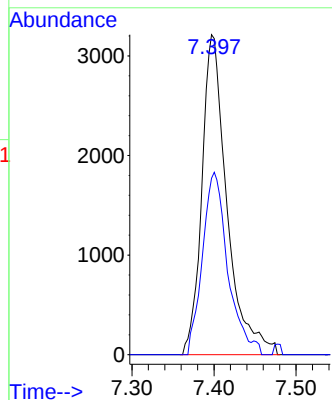
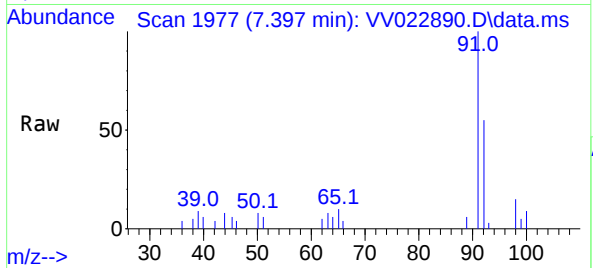




#42
Toluene
Concen: 0.20 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022890.D
Acq: 19 Oct 2021 01:05

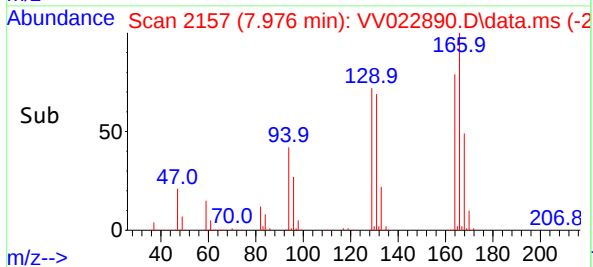
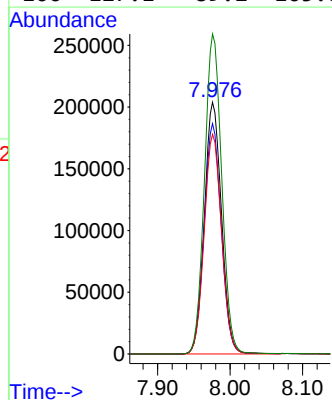
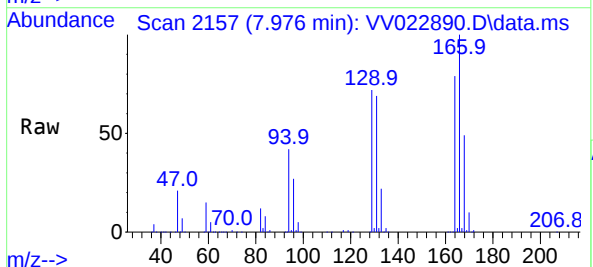
Instrument :
MSVOA_V
ClientSampled :
BFGA4

Tgt Ion: 91 Resp: 6822
Ion Ratio Lower Upper
91 100
92 55.2 40.7 75.7

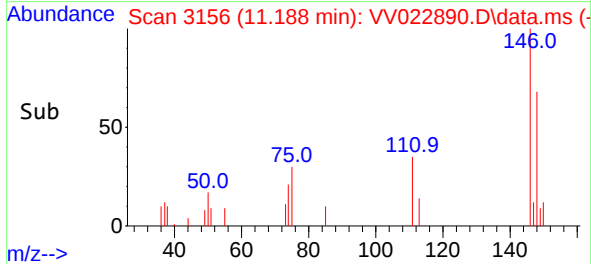
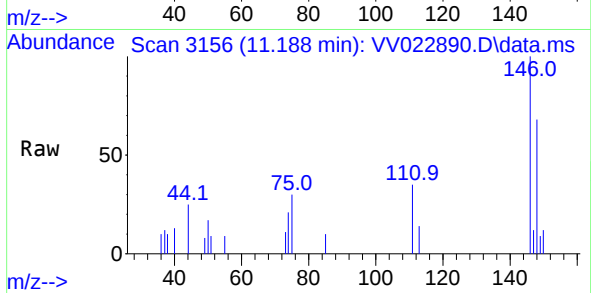
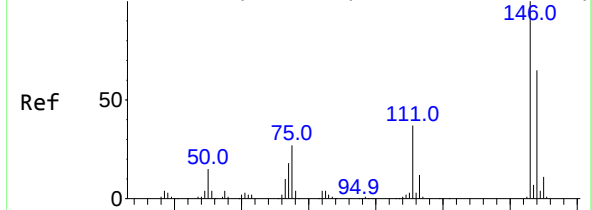


#47
Tetrachloroethene
Concen: 44.61 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022890.D
Acq: 19 Oct 2021 01:05

Tgt Ion: 164 Resp: 335723
Ion Ratio Lower Upper
164 100
129 91.5 65.0 120.6
131 87.3 62.2 115.4
166 127.1 89.2 165.8

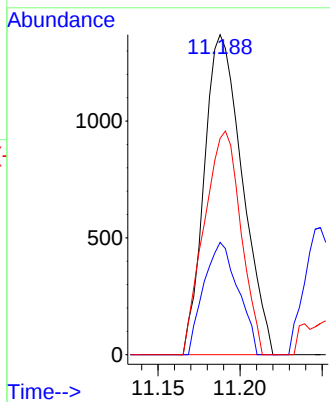


Abundance Scan 3154 (11.181 min): VV022881.D\data.ms (-



#64
1,3-Dichlorobenzene
Concen: 0.14 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV022890.D
Acq: 19 Oct 2021 01:05

Tgt Ion:146	Resp:	2205
Ion	Ratio	Lower Upper
146	100	
111	35.1	26.7 49.5
148	67.6	45.1 83.9



Instrument :
MSVOA_V
ClientSampleId :
BFGA4