

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022891.D
 Acq On : 19 Oct 2021 01:29
 Operator : SY/MD
 Sample : M4137-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA6

Quant Time: Oct 19 04:08:56 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)

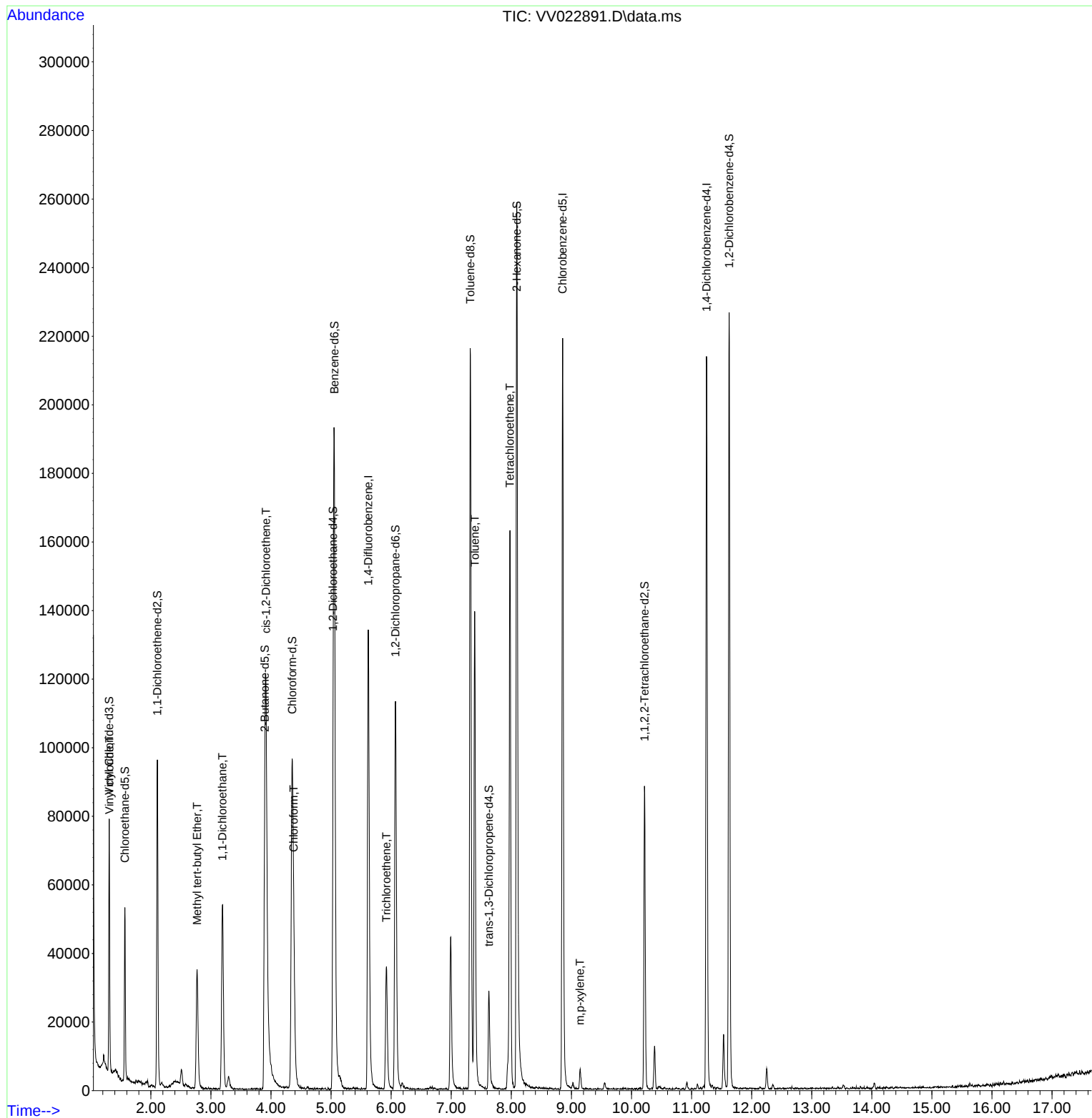
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121622	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125611	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58453	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33531	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.568	69	31066	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.108	63	48331	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.896	46	110993	50.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.18%
24) Chloroform-d	4.352	84	94152	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.034	65	43812	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.053	84	177034	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.072	67	57231	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.317	98	145787	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	7.625	79	17101	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.092	63	89318	60.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.66%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42221	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	60713	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	11709	1.27	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	32294	1.82	ug/L	96
19) 1,1-Dichloroethane	3.191	63	55169	3.83	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	46669	5.56	ug/L	97
25) Chloroform	4.378	83	32660	1.96	ug/L	90
34) Trichloroethene	5.921	95	12933	1.41	ug/L	97
42) Toluene	7.391	91	103794	3.02	ug/L	99
47) Tetrachloroethene	7.976	164	37497	5.04	ug/L	97
53) m,p-xylene	9.143	106	1740	0.13	ug/L	81

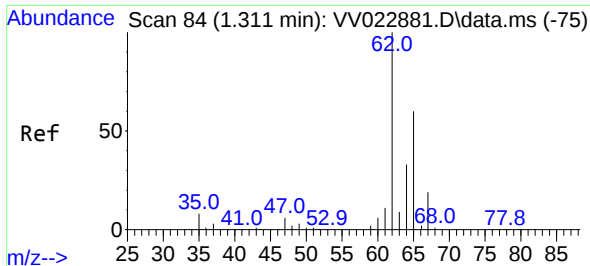
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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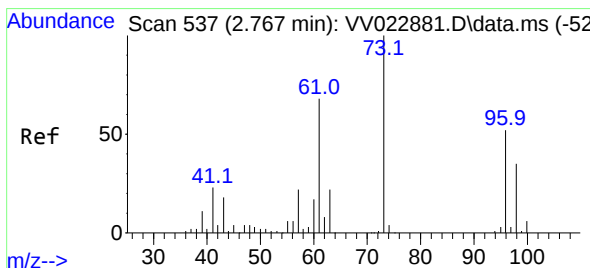
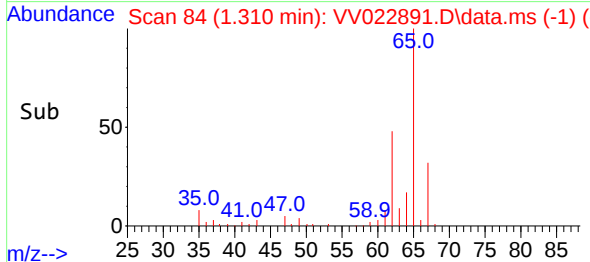
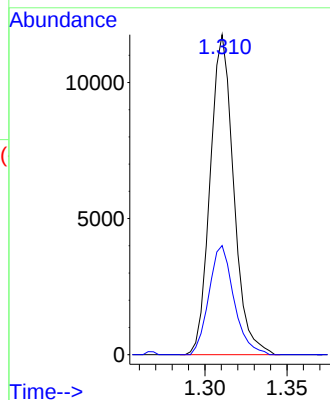
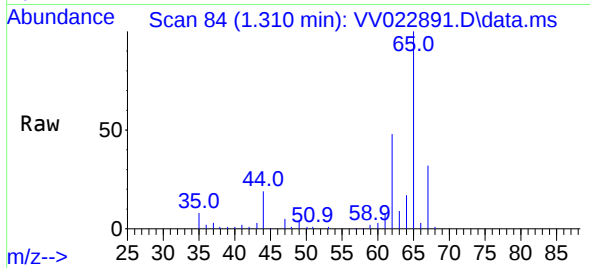




#5
 Vinyl chloride
 Concen: 1.27 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022891.D
 Acq: 19 Oct 2021 01:29

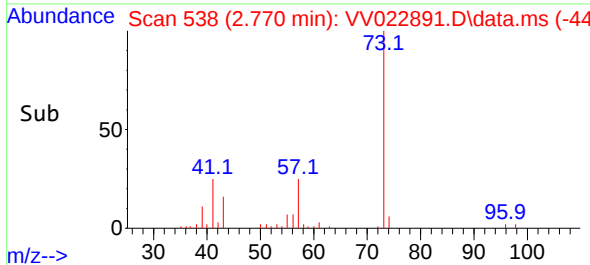
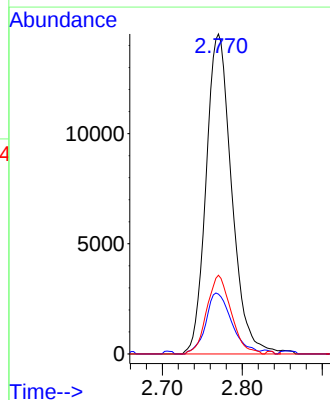
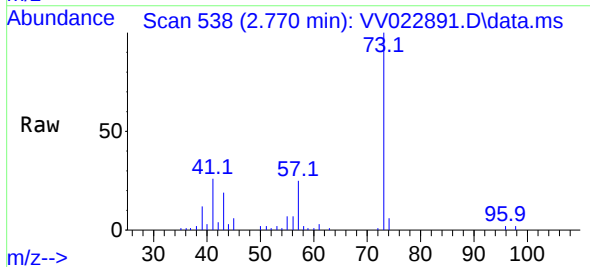
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA6

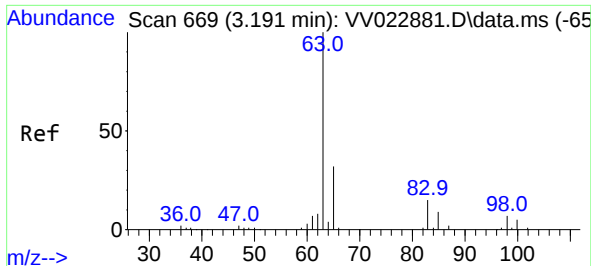
Tgt Ion: 62 Resp: 11709
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.0 42.8



#17
 Methyl tert-butyl Ether
 Concen: 1.82 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV022891.D
 Acq: 19 Oct 2021 01:29

Tgt Ion: 73 Resp: 32294
 Ion Ratio Lower Upper
 73 100
 43 19.4 17.1 25.7
 57 23.3 17.2 25.8



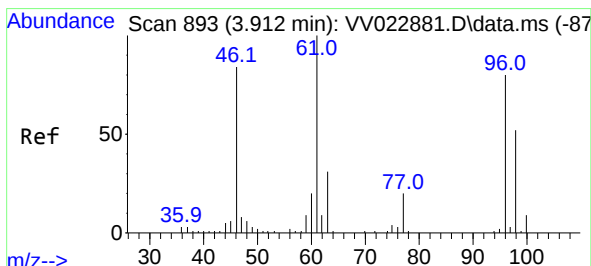
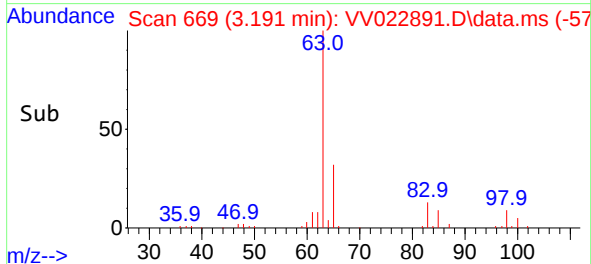
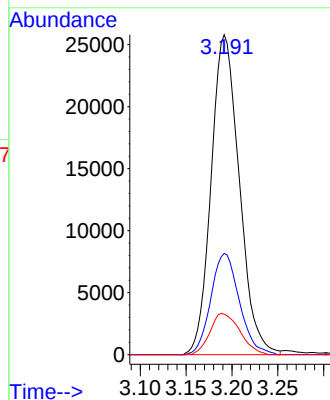
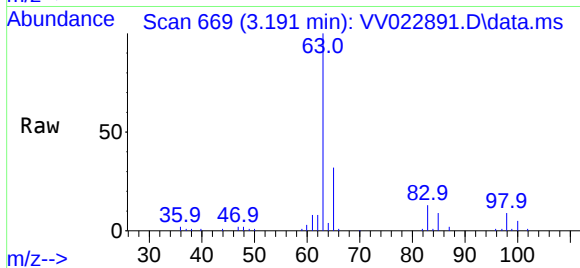


#19
1,1-Dichloroethane
Concen: 3.83 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV022891.D
Acq: 19 Oct 2021 01:29

Instrument :
MSVOA_V
ClientSampleId :
BFGA6

Tgt Ion: 63 Resp: 55169

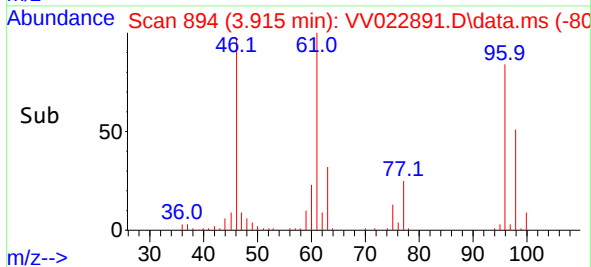
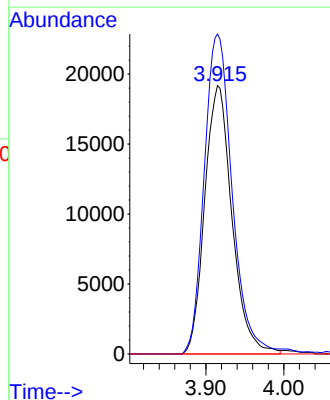
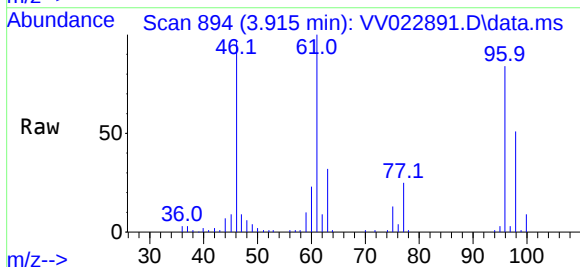
Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.5	43.7
83	12.6	10.1	18.7

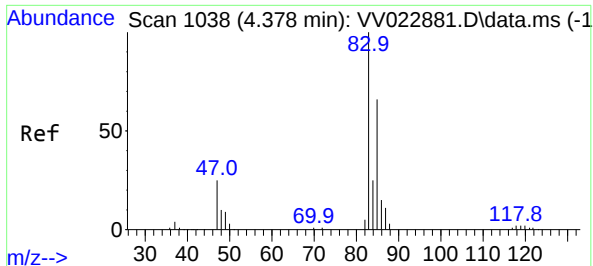


#22
cis-1,2-Dichloroethene
Concen: 5.56 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022891.D
Acq: 19 Oct 2021 01:29

Tgt Ion: 96 Resp: 46669

Ion	Ratio	Lower	Upper
96	100		
61	119.3	86.0	159.6
68	0.0	0.0	0.0



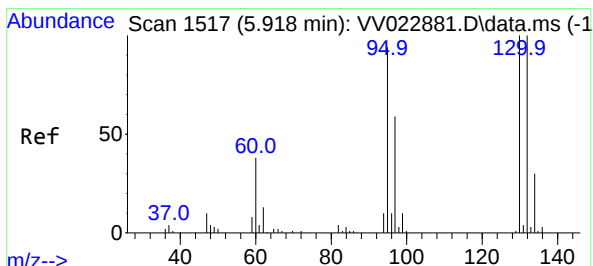
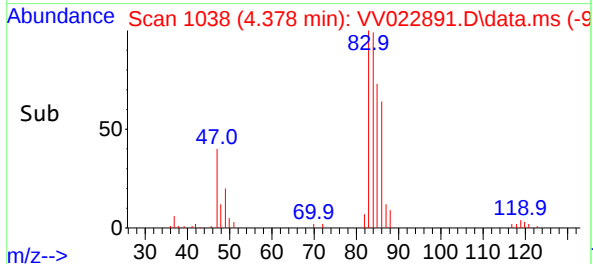
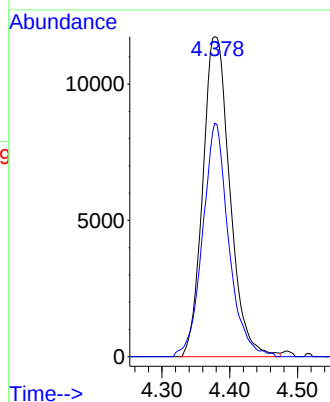
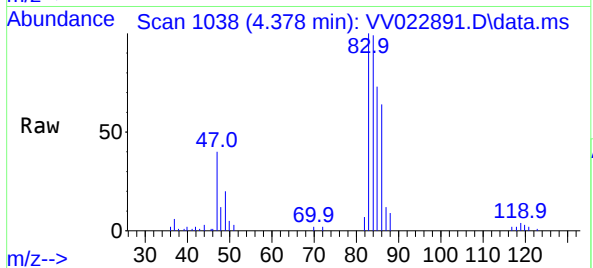


#25

Chloroform
Concen: 1.96 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022891.D
Acq: 19 Oct 2021 01:29

Instrument :
MSVOA_V
ClientSampleId :
BFGA6

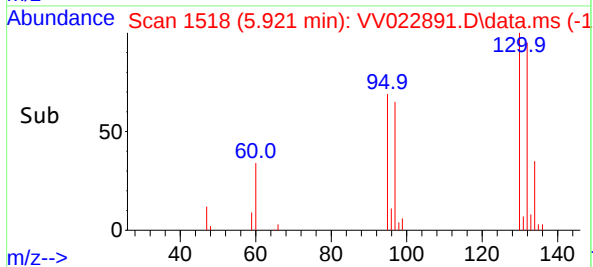
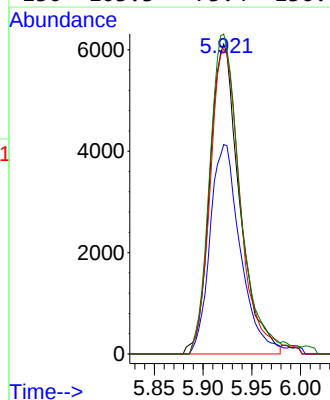
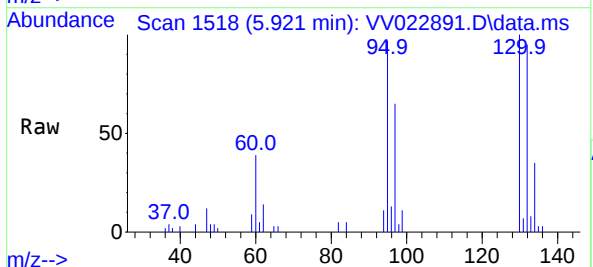
Tgt Ion: 83 Resp: 32660
Ion Ratio Lower Upper
83 100
85 72.9 45.7 84.9

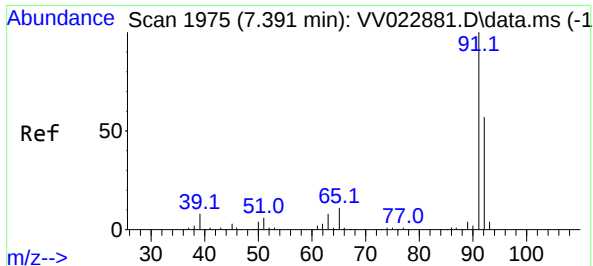


#34

Trichloroethene
Concen: 1.41 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV022891.D
Acq: 19 Oct 2021 01:29

Tgt Ion: 95 Resp: 12933
Ion Ratio Lower Upper
95 100
97 67.6 45.8 85.2
132 98.5 72.2 134.0
130 103.3 73.4 136.4





#42

Toluene

Concen: 3.02 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV022891.D

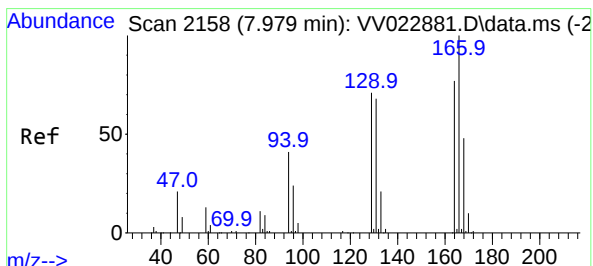
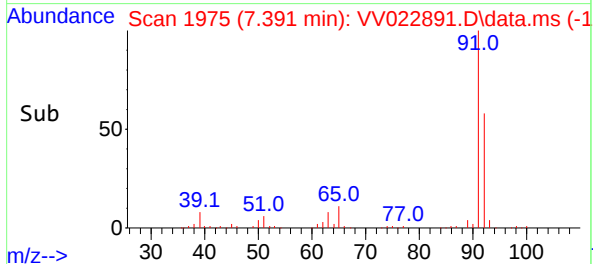
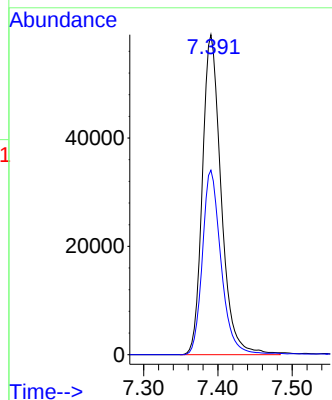
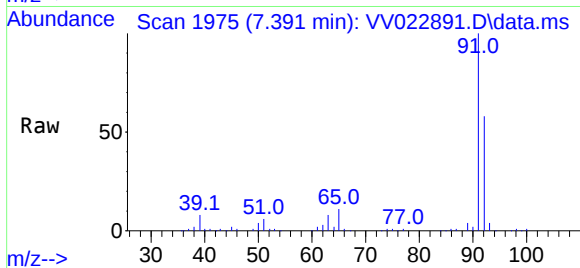
Acq: 19 Oct 2021 01:29

Tgt Ion: 91 Resp: 103794

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.7



#47

Tetrachloroethene

Concen: 5.04 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV022891.D

Acq: 19 Oct 2021 01:29

Tgt Ion: 164 Resp: 37497

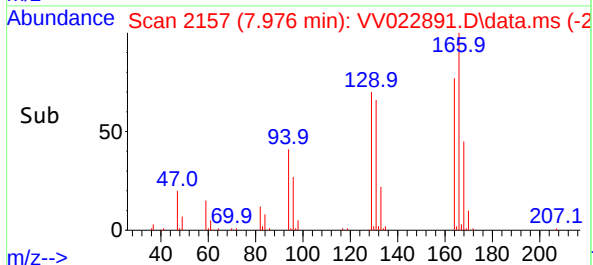
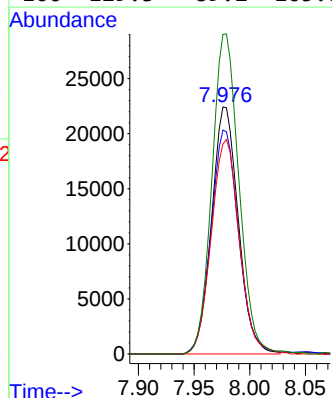
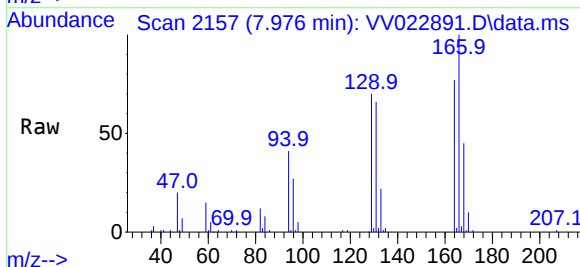
Ion Ratio Lower Upper

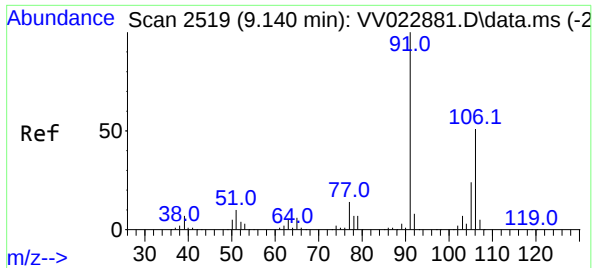
164 100

129 90.6 65.0 120.6

131 85.0 62.2 115.4

166 129.3 89.2 165.8





#53
 m,p-xylene
 Concen: 0.13 ug/L
 RT: 9.143 min Scan# 2520
 Delta R.T. 0.003 min
 Lab File: VV022891.D
 Acq: 19 Oct 2021 01:29

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Tgt Ion:106 Resp: 1740
 Ion Ratio Lower Upper
 106 100
 91 169.9 138.7 257.5

