

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022875.D
 Acq On : 18 Oct 2021 18:39
 Operator : SY/MD
 Sample : M4200-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD7

Quant Time: Oct 19 01:45:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

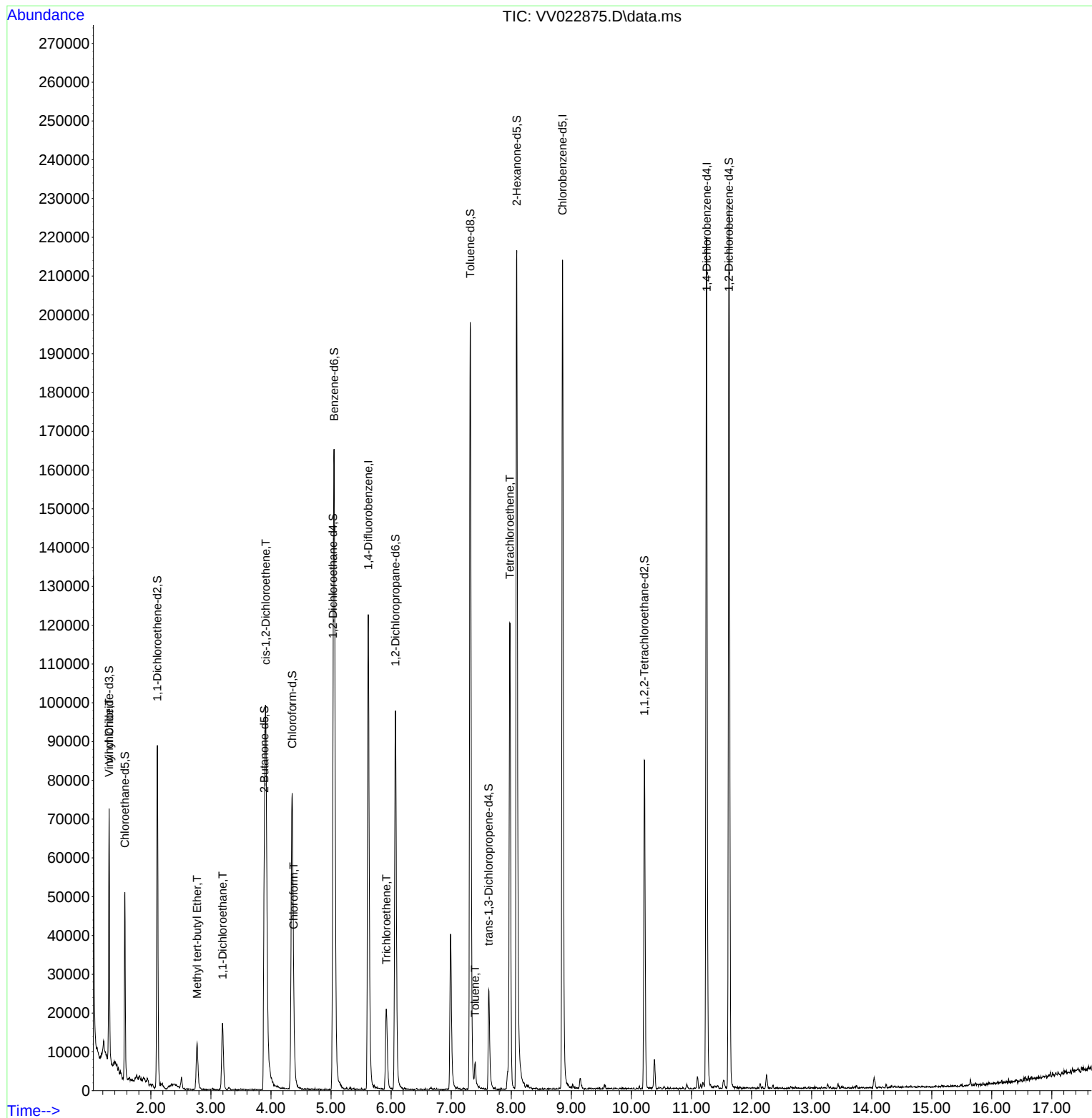
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108998	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124270	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60333	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35420	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.568	69	28695	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.108	63	45471	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.889	46	90275	45.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.82%
24) Chloroform-d	4.352	84	79328	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.034	65	39348	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.053	84	152252	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.072	67	47601	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.317	98	133596	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloroprop...	7.625	79	15517	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.092	63	75297	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41039	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	60633	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	4699	0.57	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	11627	0.73	ug/L	98
19) 1,1-Dichloroethane	3.195	63	16963	1.32	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	39815	5.30	ug/L	95
25) Chloroform	4.378	83	7711	0.52	ug/L	97
34) Trichloroethene	5.921	95	7107	0.78	ug/L	89
42) Toluene	7.400	91	4691	0.14	ug/L	100
47) Tetrachloroethene	7.979	164	27643	3.76	ug/L	99

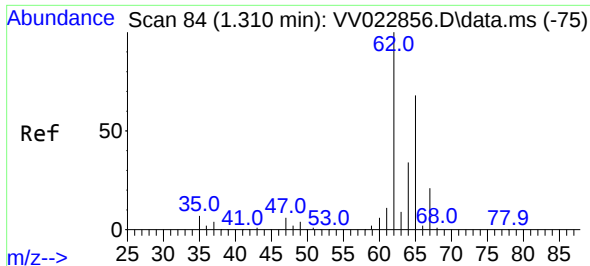
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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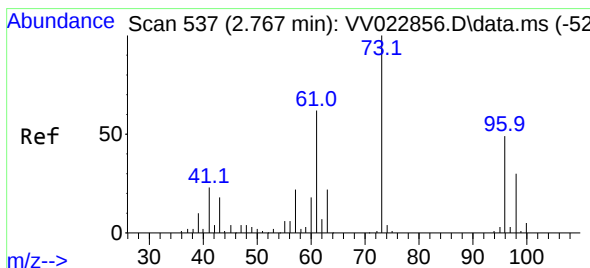
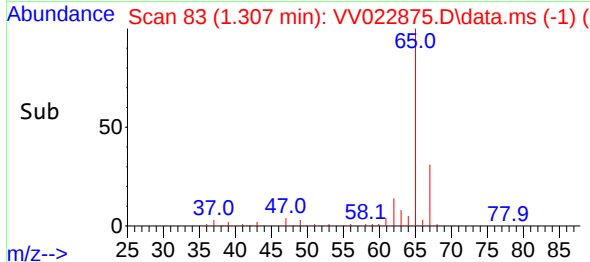
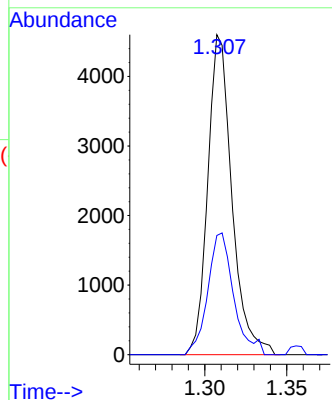
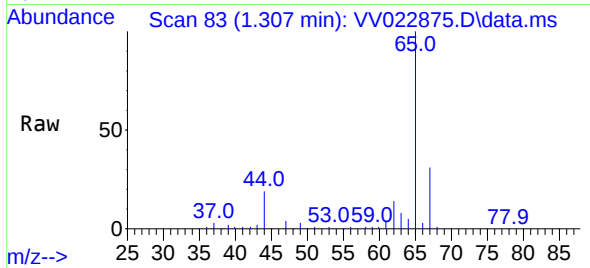




#5
 Vinyl chloride
 Concen: 0.57 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022875.D
 Acq: 18 Oct 2021 18:39

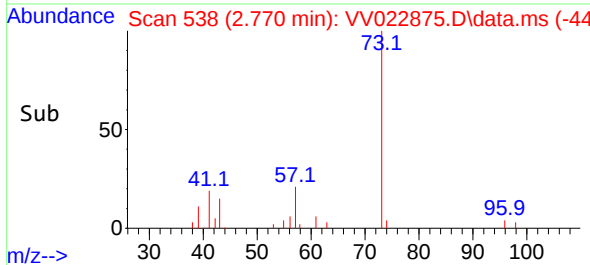
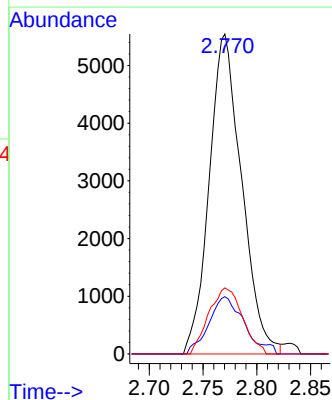
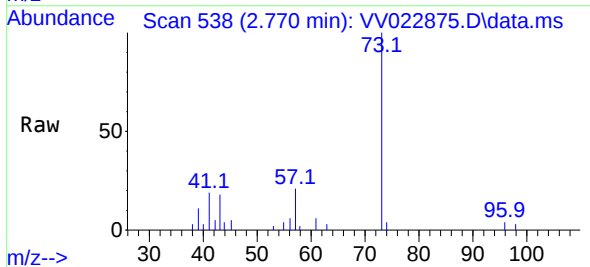
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD7

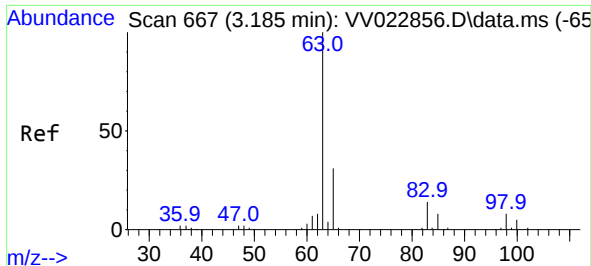
Tgt Ion: 62 Resp: 4699
 Ion Ratio Lower Upper
 62 100
 64 37.3 23.0 42.8



#17
 Methyl tert-butyl Ether
 Concen: 0.73 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV022875.D
 Acq: 18 Oct 2021 18:39

Tgt Ion: 73 Resp: 11627
 Ion Ratio Lower Upper
 73 100
 43 19.5 17.1 25.7
 57 21.5 17.2 25.8



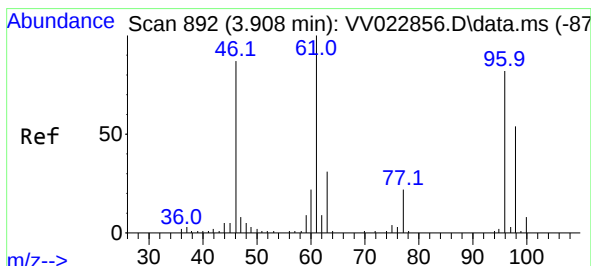
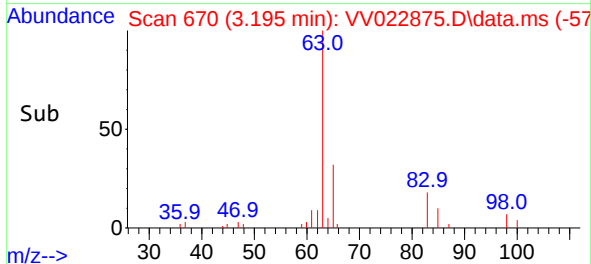
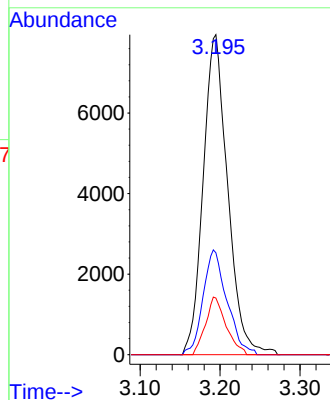
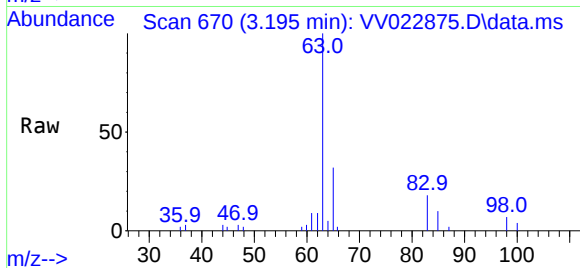


#19

1,1-Dichloroethane
Concen: 1.32 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Instrument :
MSVOA_V
ClientSampleId :
BFGD7

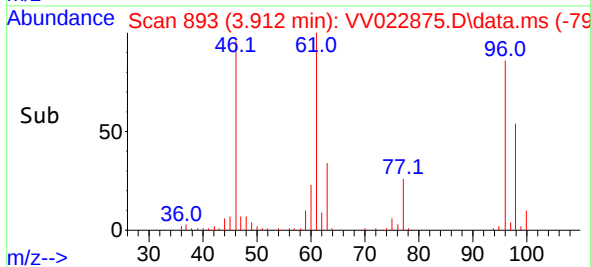
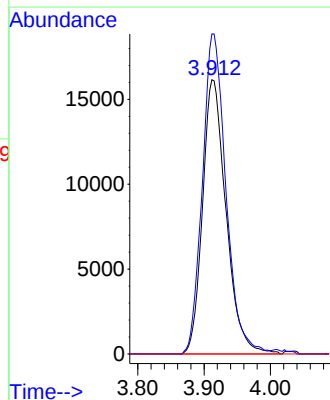
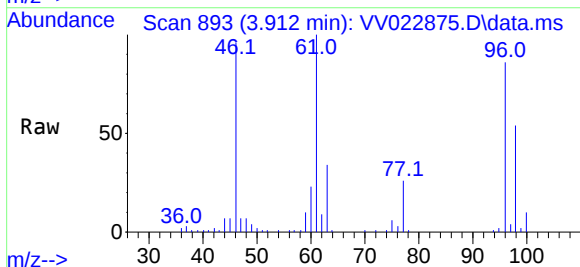
Tgt Ion:	63	Resp:	16963
Ion	Ratio	Lower	Upper
63	100		
65	33.4	23.5	43.7
83	17.7	10.1	18.7

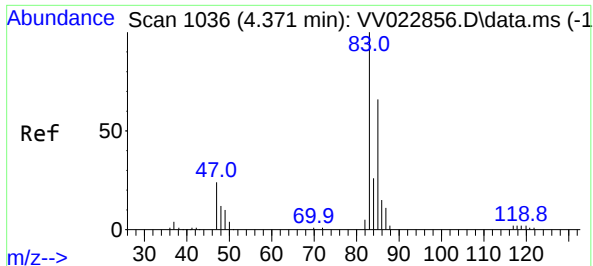


#22

cis-1,2-Dichloroethene
Concen: 5.30 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion:	96	Resp:	39815
Ion	Ratio	Lower	Upper
96	100		
61	116.7	86.0	159.6
68	0.0	0.0	0.0



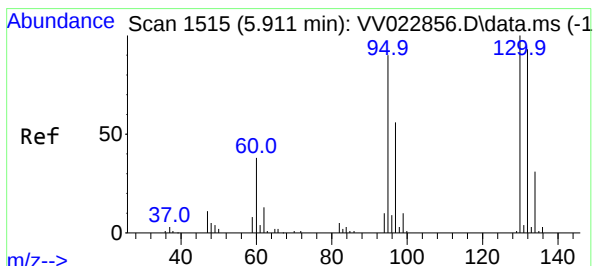
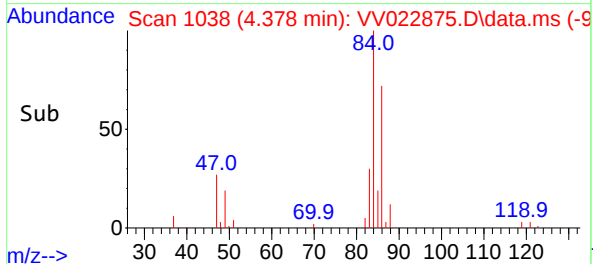
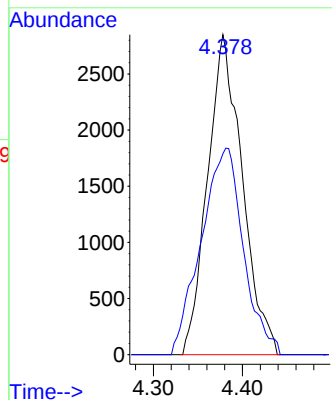
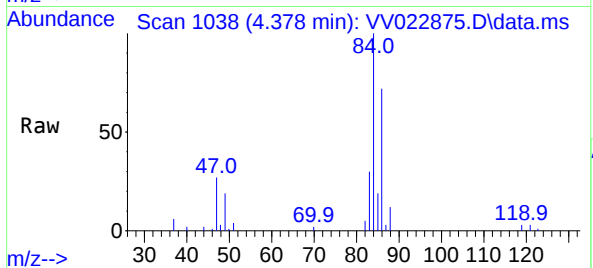


#25

Chloroform
Concen: 0.52 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

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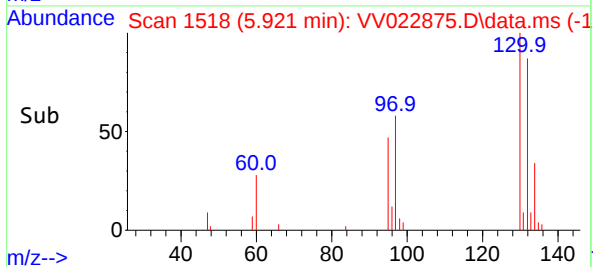
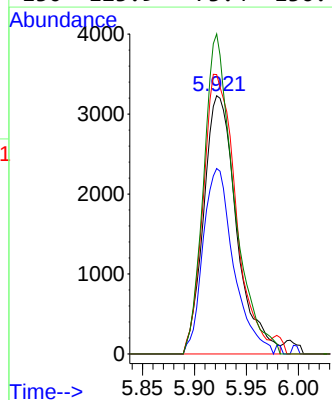
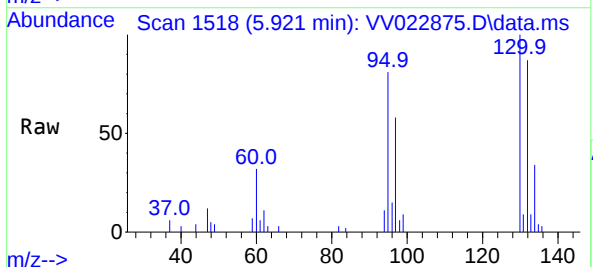
Tgt Ion: 83 Resp: 7711
Ion Ratio Lower Upper
83 100
85 62.8 45.7 84.9

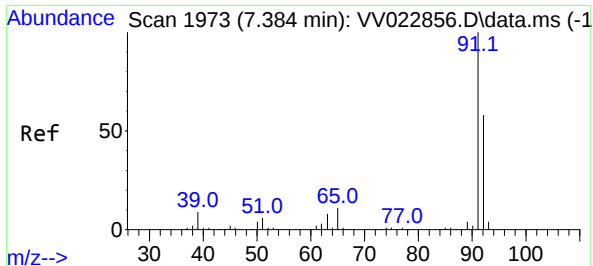


#34

Trichloroethene
Concen: 0.78 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 95 Resp: 7107
Ion Ratio Lower Upper
95 100
97 71.8 45.8 85.2
132 108.2 72.2 134.0
130 123.9 73.4 136.4





#42

Toluene

Concen: 0.14 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV022875.D

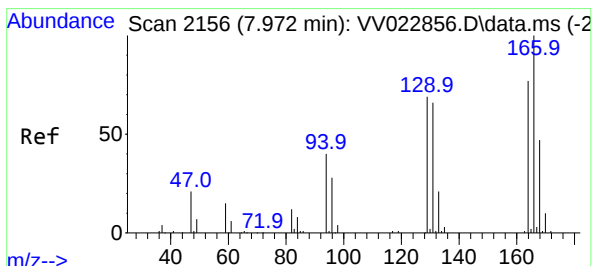
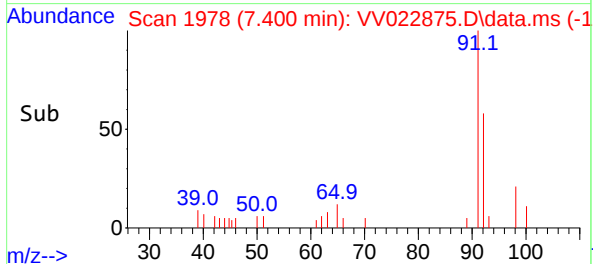
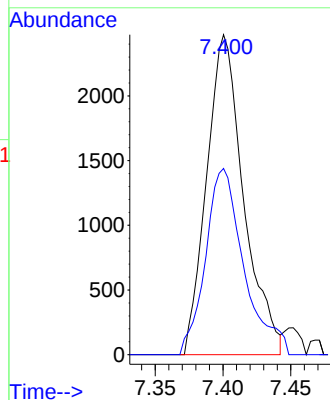
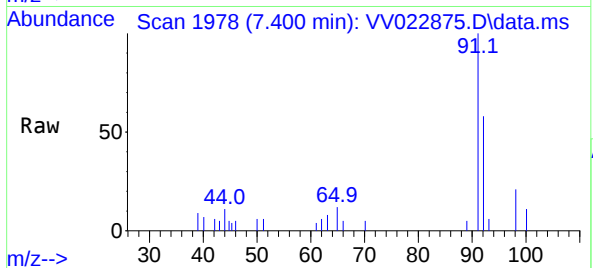
Acq: 18 Oct 2021 18:39

Tgt Ion: 91 Resp: 4691

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#47

Tetrachloroethene

Concen: 3.76 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV022875.D

Acq: 18 Oct 2021 18:39

Tgt Ion: 164 Resp: 27643

Ion Ratio Lower Upper

164 100

129 92.1 65.0 120.6

131 88.3 62.2 115.4

166 124.7 89.2 165.8

