

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022938.D
 Acq On : 20 Oct 2021 17:42
 Operator : SY/MD
 Sample : M4137-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG91

Quant Time: Oct 21 02:47:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

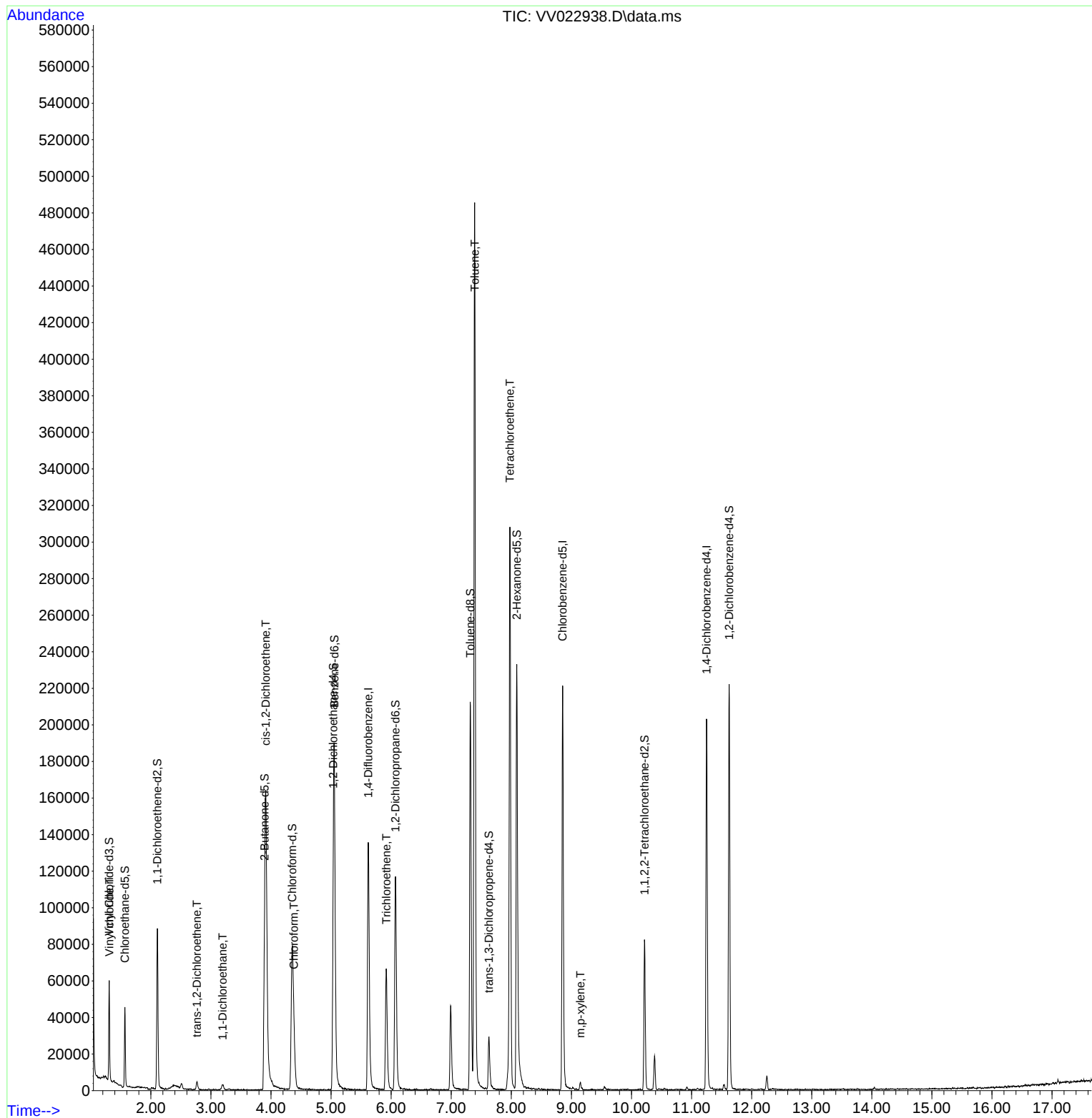
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120252	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124479	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56675	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31582	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.568	69	25318	3.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.20%
11) 1,1-Dichloroethene-d2	2.108	63	44861	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	3.892	46	105158	48.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	4.352	84	75844	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.037	65	43326	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.053	84	173729	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.072	67	56971	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.317	98	144111	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloroprop...	7.625	79	17756	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.092	63	81225	55.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.74%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39658	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	57828	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	1807	0.20	ug/L	# 64
18) trans-1,2-Dichloroethene	2.767	96	1080	0.14	ug/L	87
19) 1,1-Dichloroethane	3.195	63	3533	0.25	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	73538	8.87	ug/L	100
25) Chloroform	4.381	83	27198	1.65	ug/L	98
34) Trichloroethene	5.918	95	23310	2.56	ug/L	96
42) Toluene	7.391	91	358153	10.52	ug/L	100
47) Tetrachloroethene	7.976	164	71520	9.70	ug/L	99
53) m,p-xylene	9.149	106	1329	0.10	ug/L	87

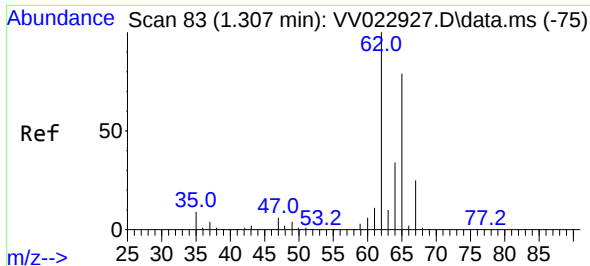
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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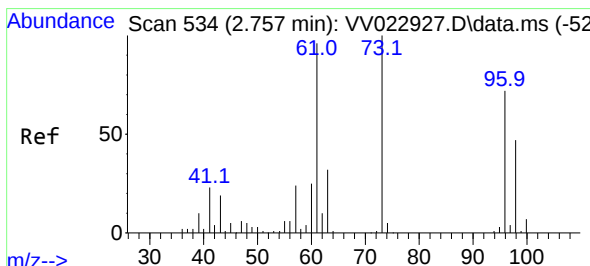
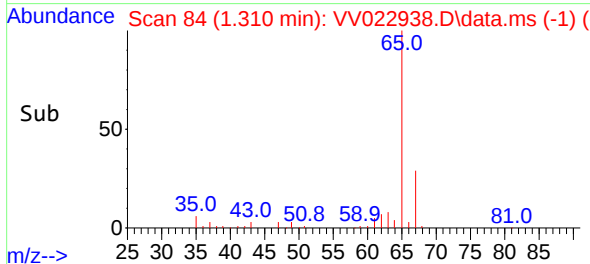
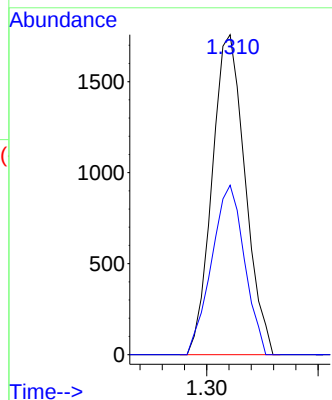
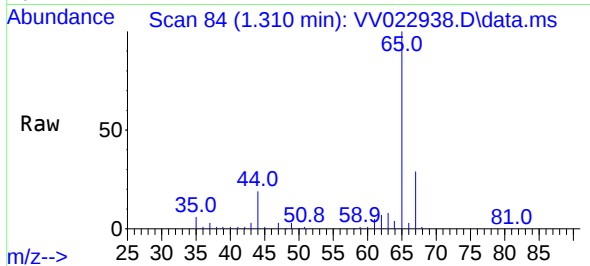




#5
 Vinyl chloride
 Concen: 0.20 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022938.D
 Acq: 20 Oct 2021 17:42

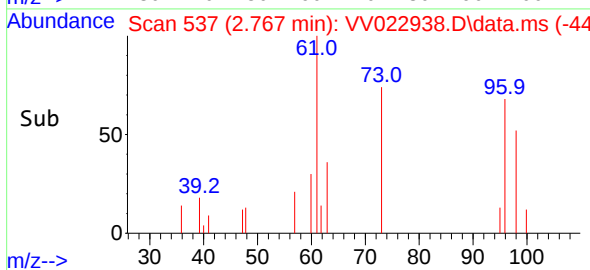
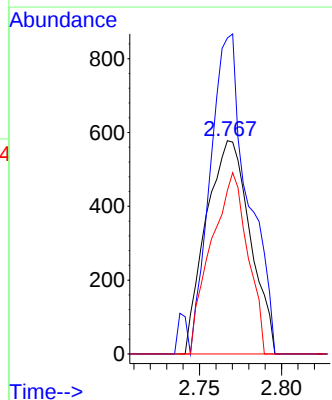
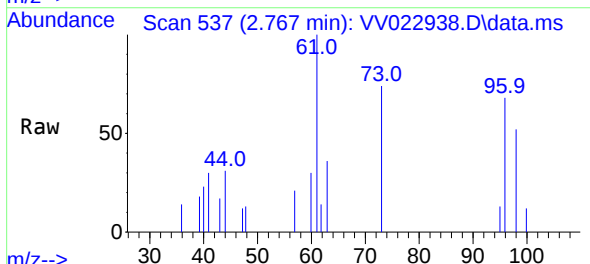
Instrument :
 MSVOA_V
 ClientSampled :
 BFG91

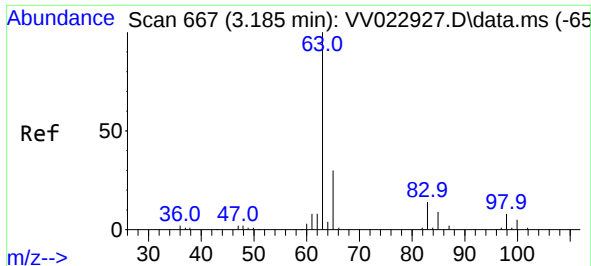
Tgt Ion: 62 Resp: 1807
 Ion Ratio Lower Upper
 62 100
 64 53.0 23.0 42.8#



#18
 trans-1,2-Dichloroethene
 Concen: 0.14 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.010 min
 Lab File: VV022938.D
 Acq: 20 Oct 2021 17:42

Tgt Ion: 96 Resp: 1080
 Ion Ratio Lower Upper
 96 100
 61 148.1 94.5 175.5
 98 76.6 44.2 82.0



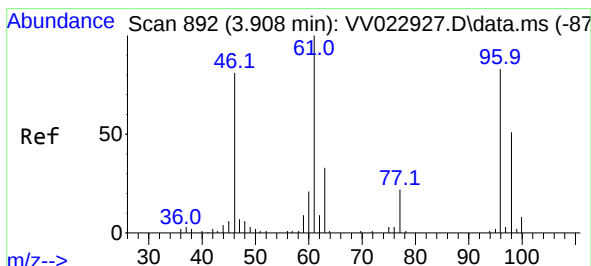
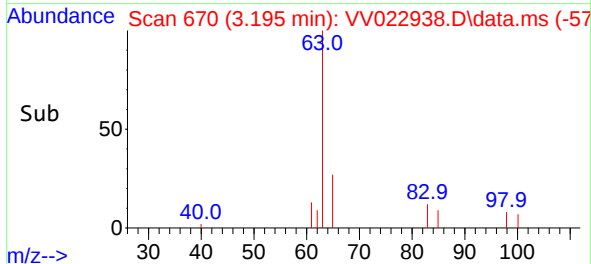
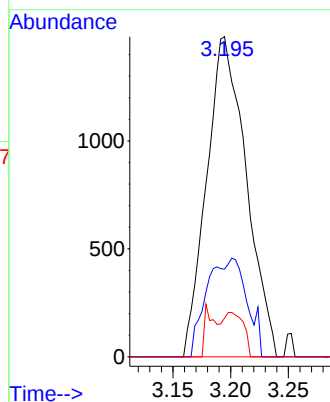
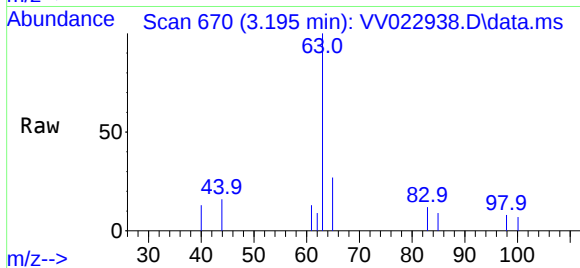


#19
1,1-Dichloroethane
Concen: 0.25 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV022938.D
Acq: 20 Oct 2021 17:42

Instrument :
MSVOA_V
ClientSampled :
BFG91

Tgt Ion: 63 Resp: 3533

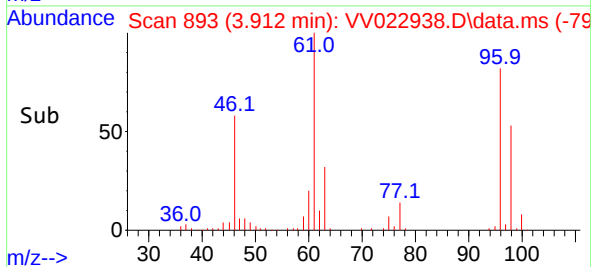
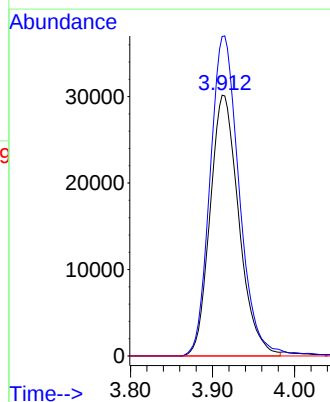
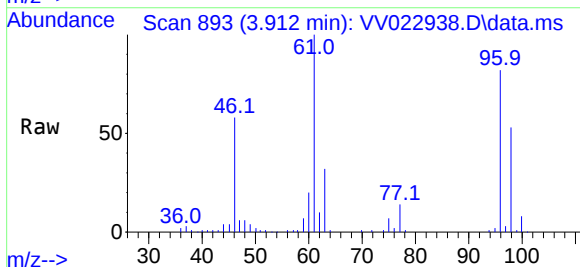
Ion	Ratio	Lower	Upper
63	100		
65	27.4	23.5	43.7
83	12.1	10.1	18.7

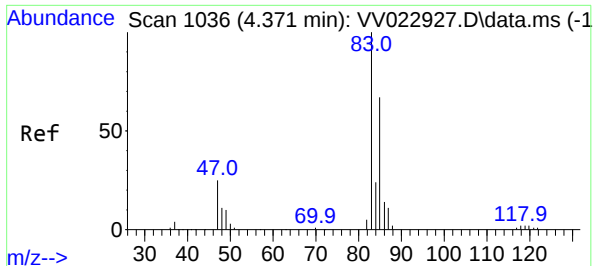


#22
cis-1,2-Dichloroethene
Concen: 8.87 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022938.D
Acq: 20 Oct 2021 17:42

Tgt Ion: 96 Resp: 73538

Ion	Ratio	Lower	Upper
96	100		
61	122.5	86.0	159.6
68	0.0	0.0	0.0



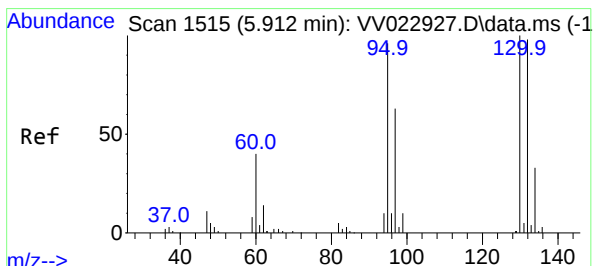
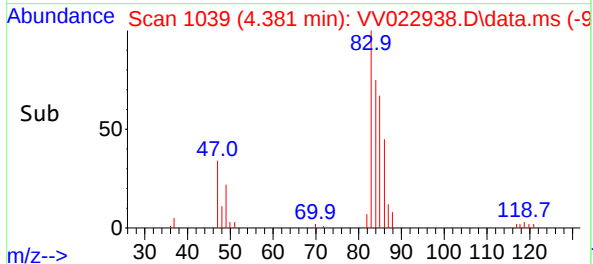
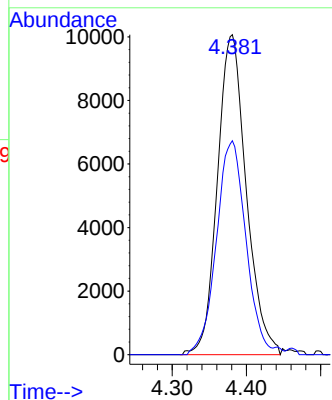
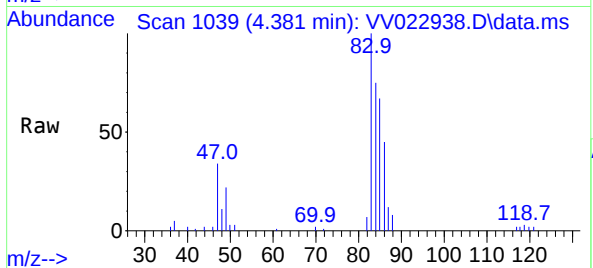


#25

Chloroform
Concen: 1.65 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022938.D
Acq: 20 Oct 2021 17:42

Instrument :
MSVOA_V
ClientSampled :
BFG91

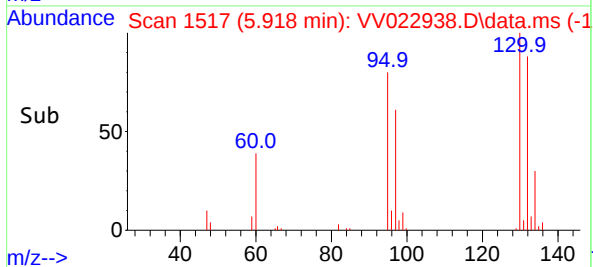
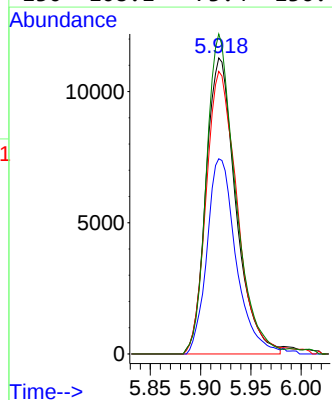
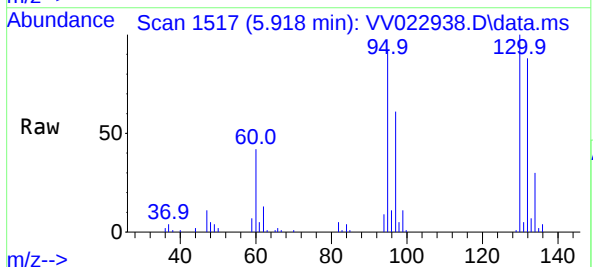
Tgt Ion: 83 Resp: 27198
Ion Ratio Lower Upper
83 100
85 66.9 45.7 84.9

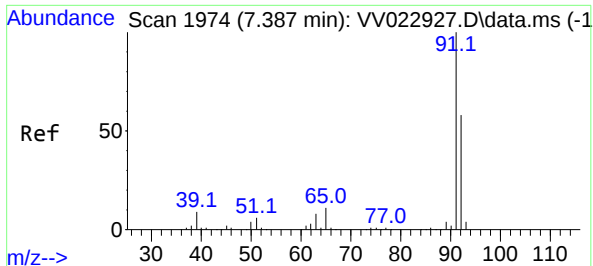


#34

Trichloroethene
Concen: 2.56 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022938.D
Acq: 20 Oct 2021 17:42

Tgt Ion: 95 Resp: 23310
Ion Ratio Lower Upper
95 100
97 66.0 45.8 85.2
132 95.5 72.2 134.0
130 108.1 73.4 136.4

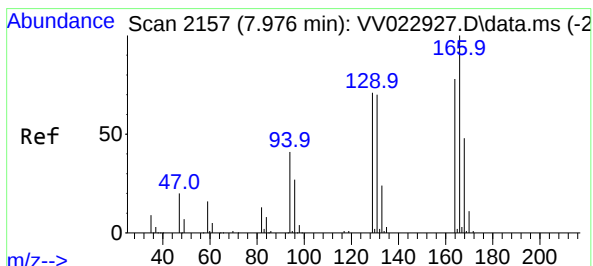
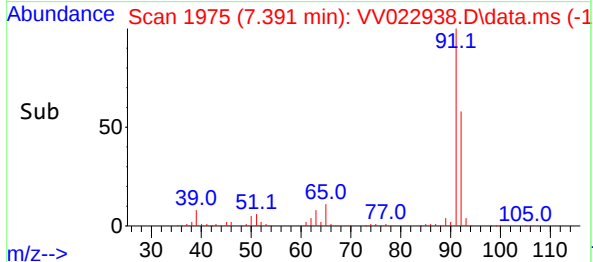
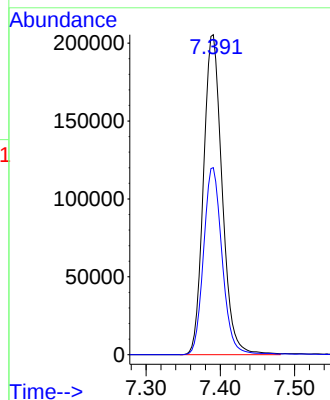
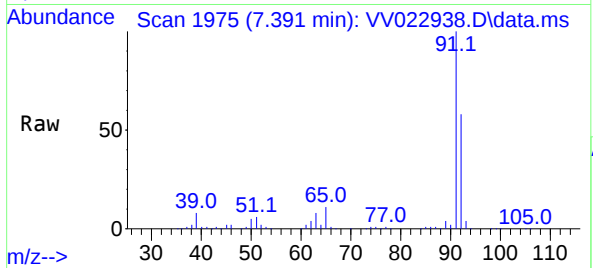




#42
Toluene
Concen: 10.52 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022938.D
Acq: 20 Oct 2021 17:42

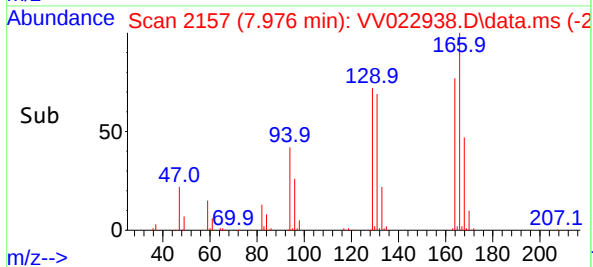
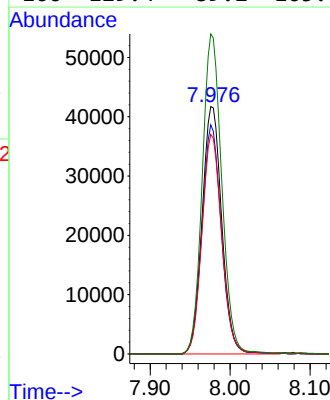
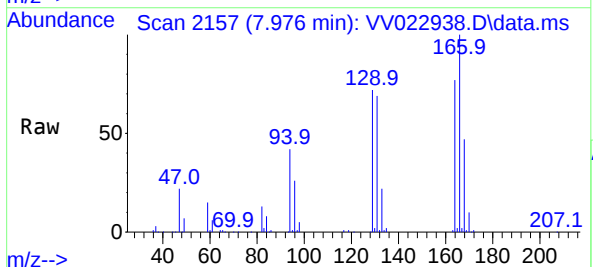
Instrument :
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ClientSampleId :
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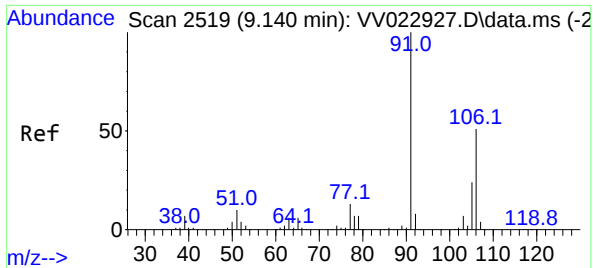
Tgt Ion: 91 Resp: 358153
Ion Ratio Lower Upper
91 100
92 58.4 40.7 75.7



#47
Tetrachloroethene
Concen: 9.70 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022938.D
Acq: 20 Oct 2021 17:42

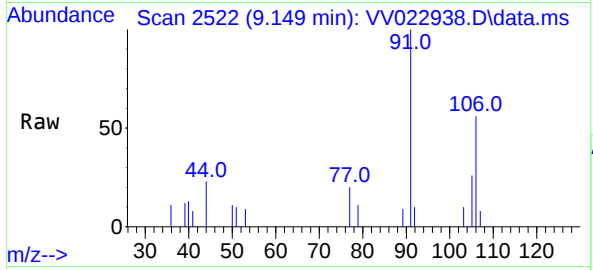
Tgt Ion: 164 Resp: 71520
Ion Ratio Lower Upper
164 100
129 92.6 65.0 120.6
131 88.7 62.2 115.4
166 129.4 89.2 165.8





#53
m,p-xylene
Concen: 0.10 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.010 min
Lab File: VV022938.D
Acq: 20 Oct 2021 17:42

Instrument :
MSVOA_V
ClientSampleId :
BFG91



Tgt Ion:106 Resp: 1329
Ion Ratio Lower Upper
106 100
91 177.8 138.7 257.5

