

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023704.D
 Acq On : 24 Nov 2021 16:40
 Operator : SY/MD
 Sample : M4821-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4655

Quant Time: Nov 26 01:54:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

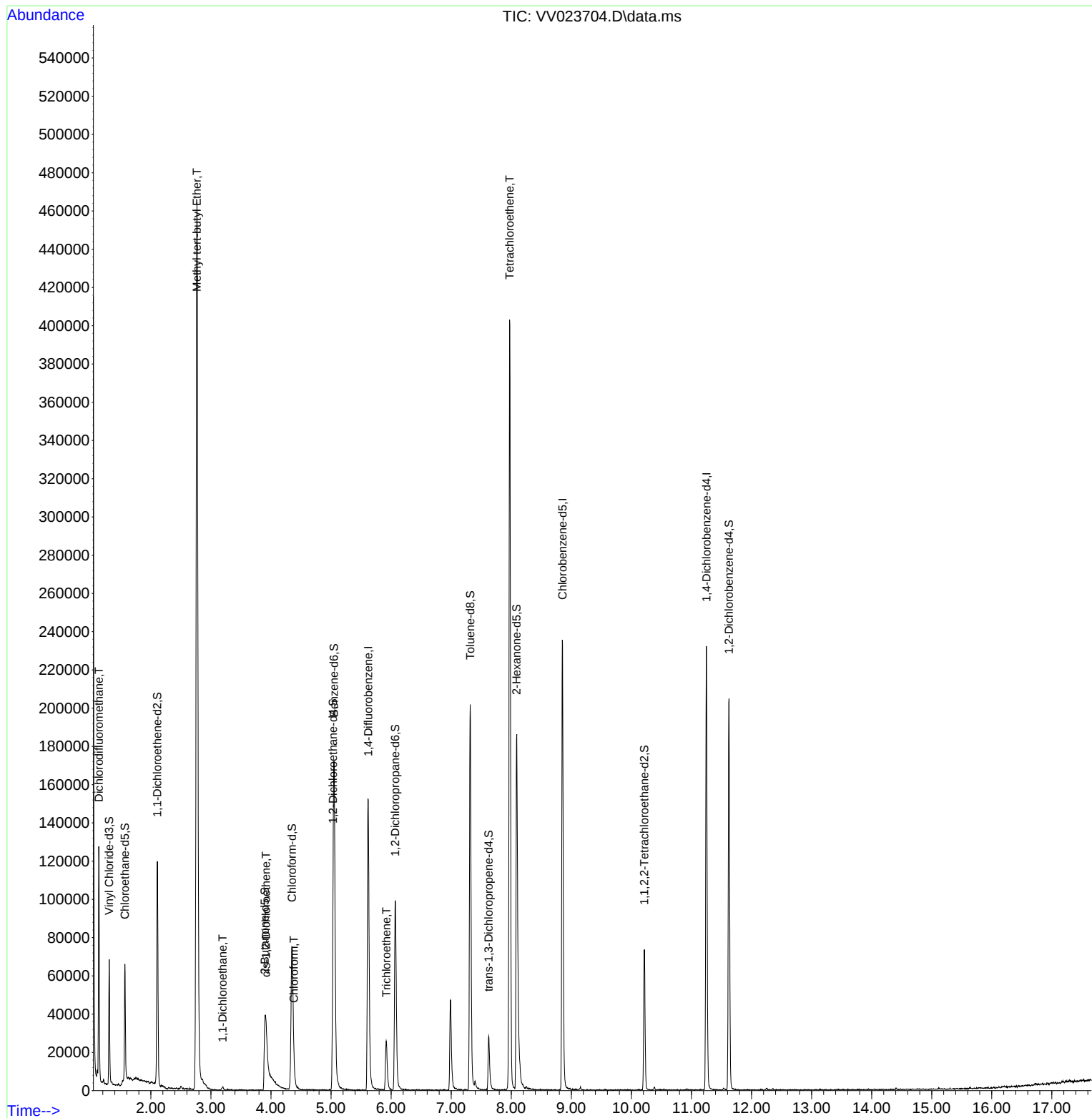
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137690	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133754	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41325	3.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.568	69	35018	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.108	63	58383	2.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	3.899	46	81298	59.830	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.660%
24) Chloroform-d	4.349	84	78297	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.034	65	42359	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.050	84	158213	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.069	67	46289	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.317	98	134937	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	17678	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	71213	52.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33568	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	53845	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	1706	0.131	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	495110	26.189	ug/L	99
19) 1,1-Dichloroethane	3.195	63	1971	0.112	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	7475	0.742	ug/L	100
25) Chloroform	4.381	83	7342	0.373	ug/L	97
34) Trichloroethene	5.921	95	8428	0.825	ug/L	100
47) Tetrachloroethene	7.976	164	89995	9.679	ug/L	98

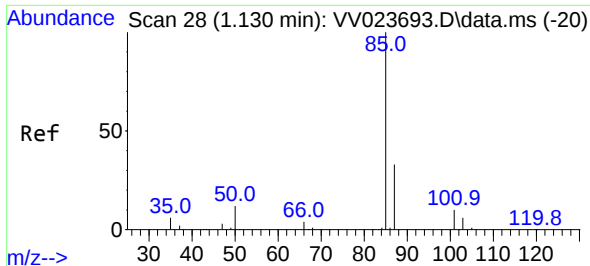
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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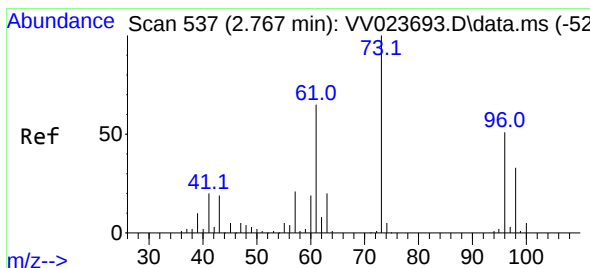
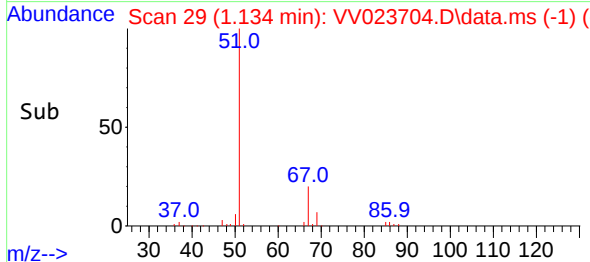
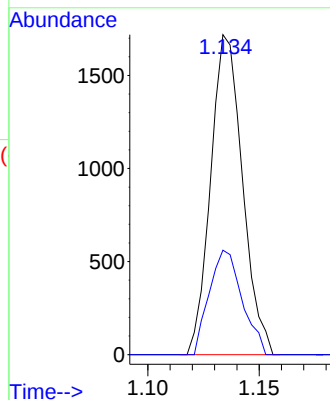
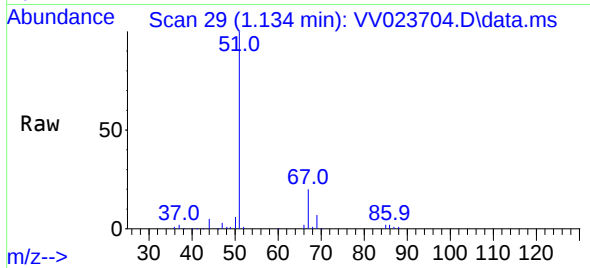




#2
 Dichlorodifluoromethane
 Concen: 0.131 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV023704.D
 Acq: 24 Nov 2021 16:40

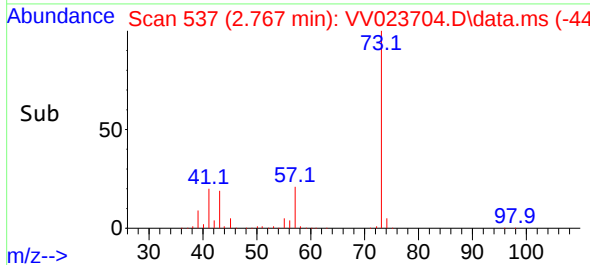
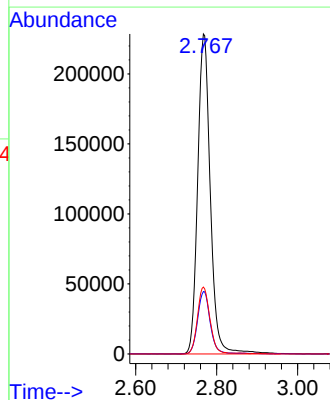
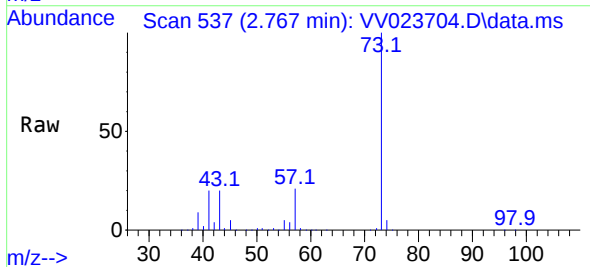
Instrument :
 MSVOA_V
 ClientSampleId :
 H4655

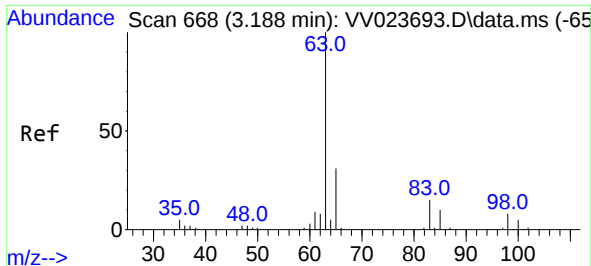
Tgt Ion: 85 Resp: 1706
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.0 39.0



#17
 Methyl tert-butyl Ether
 Concen: 26.189 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: VV023704.D
 Acq: 24 Nov 2021 16:40

Tgt Ion: 73 Resp: 495110
 Ion Ratio Lower Upper
 73 100
 43 19.2 15.5 23.3
 57 20.6 17.1 25.7



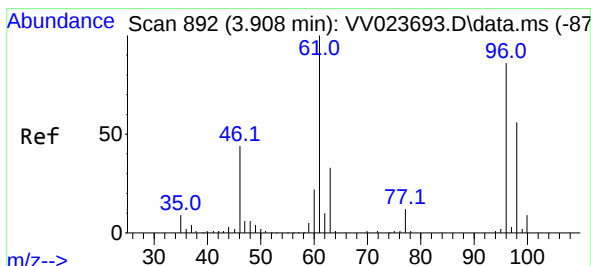
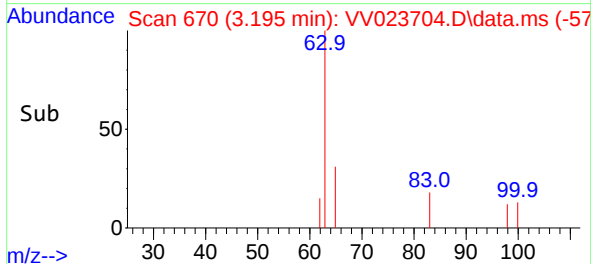
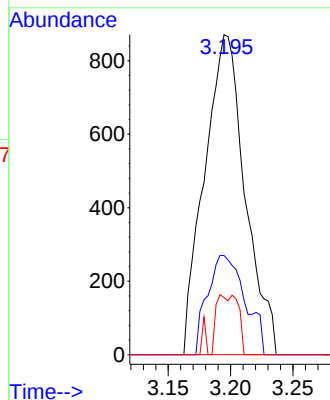
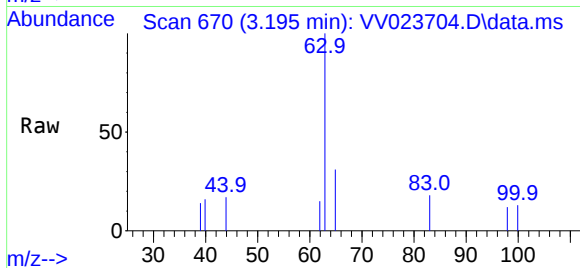


#19
1,1-Dichloroethane
Concen: 0.112 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV023704.D
Acq: 24 Nov 2021 16:40

Instrument :
MSVOA_V
ClientSampleId :
H4655

Tgt Ion: 63 Resp: 1971

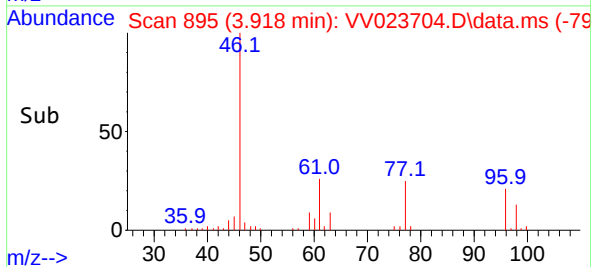
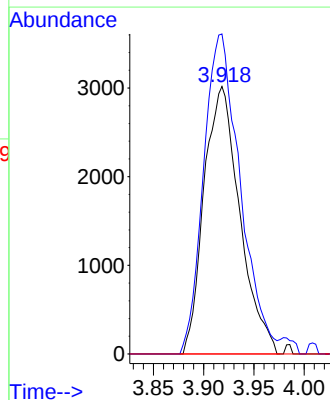
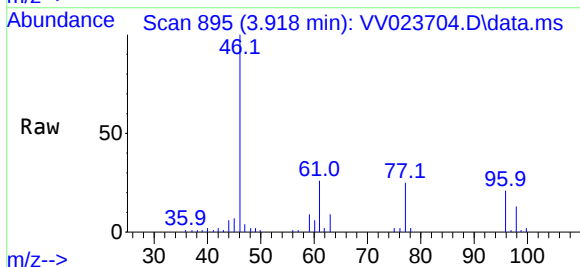
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.3
83	17.8	10.7	19.9

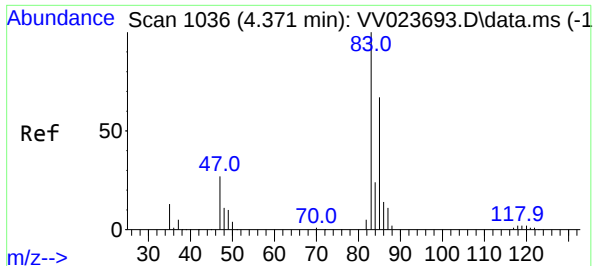


#22
cis-1,2-Dichloroethene
Concen: 0.742 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023704.D
Acq: 24 Nov 2021 16:40

Tgt Ion: 96 Resp: 7475

Ion	Ratio	Lower	Upper
96	100		
61	119.6	83.4	154.8
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.373 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV023704.D

Acq: 24 Nov 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

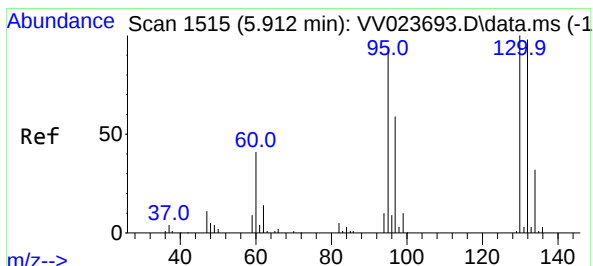
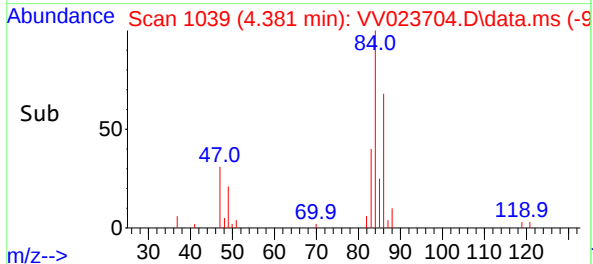
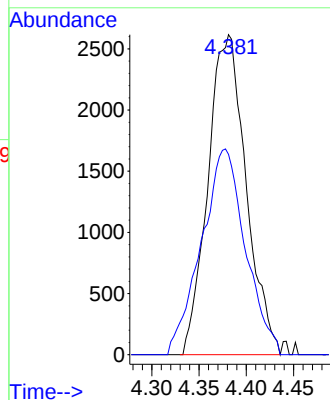
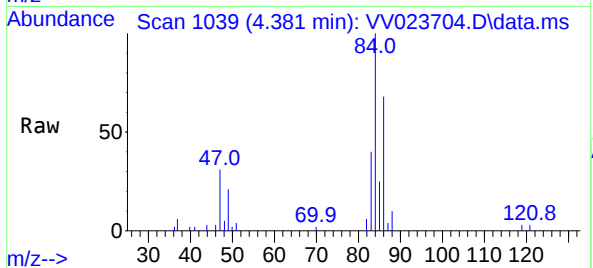
H4655

Tgt Ion: 83 Resp: 7342

Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0



#34

Trichloroethene

Concen: 0.825 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV023704.D

Acq: 24 Nov 2021 16:40

Tgt Ion: 95 Resp: 8428

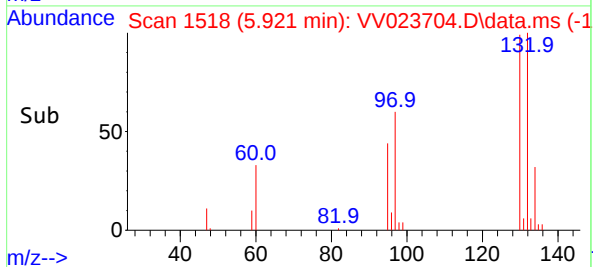
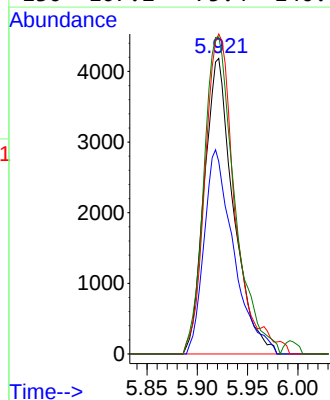
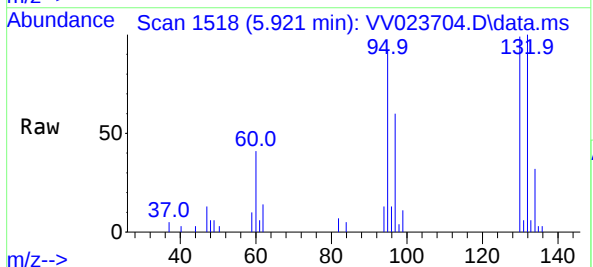
Ion Ratio Lower Upper

95 100

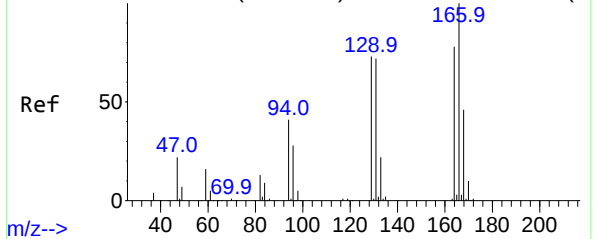
97 65.1 45.2 84.0

132 108.3 76.1 141.3

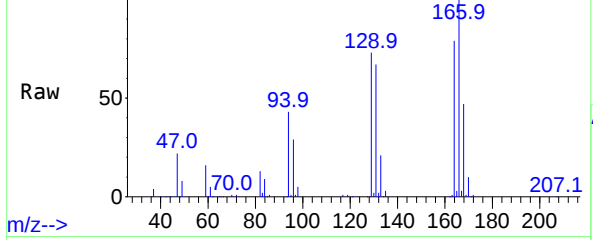
130 107.2 75.4 140.0



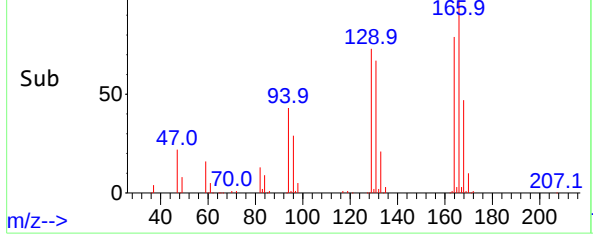
Abundance Scan 2156 (7.973 min): VV023693.D\data.ms (-2



Abundance Scan 2157 (7.976 min): VV023704.D\data.ms



Abundance Scan 2157 (7.976 min): VV023704.D\data.ms (-2



#47

Tetrachloroethene

Concen: 9.679 ug/L

RT: 7.976 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023704.D

Acq: 24 Nov 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

H4655

Tgt Ion:164 Resp: 89995

Ion Ratio Lower Upper

164 100

129 92.7 62.6 116.2

131 85.7 61.0 113.4

166 127.3 87.3 162.1

