

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029235.D
 Acq On : 20 Nov 2022 19:17
 Operator : SY/MD
 Sample : N5652-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1M1

Quant Time: Nov 21 01:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

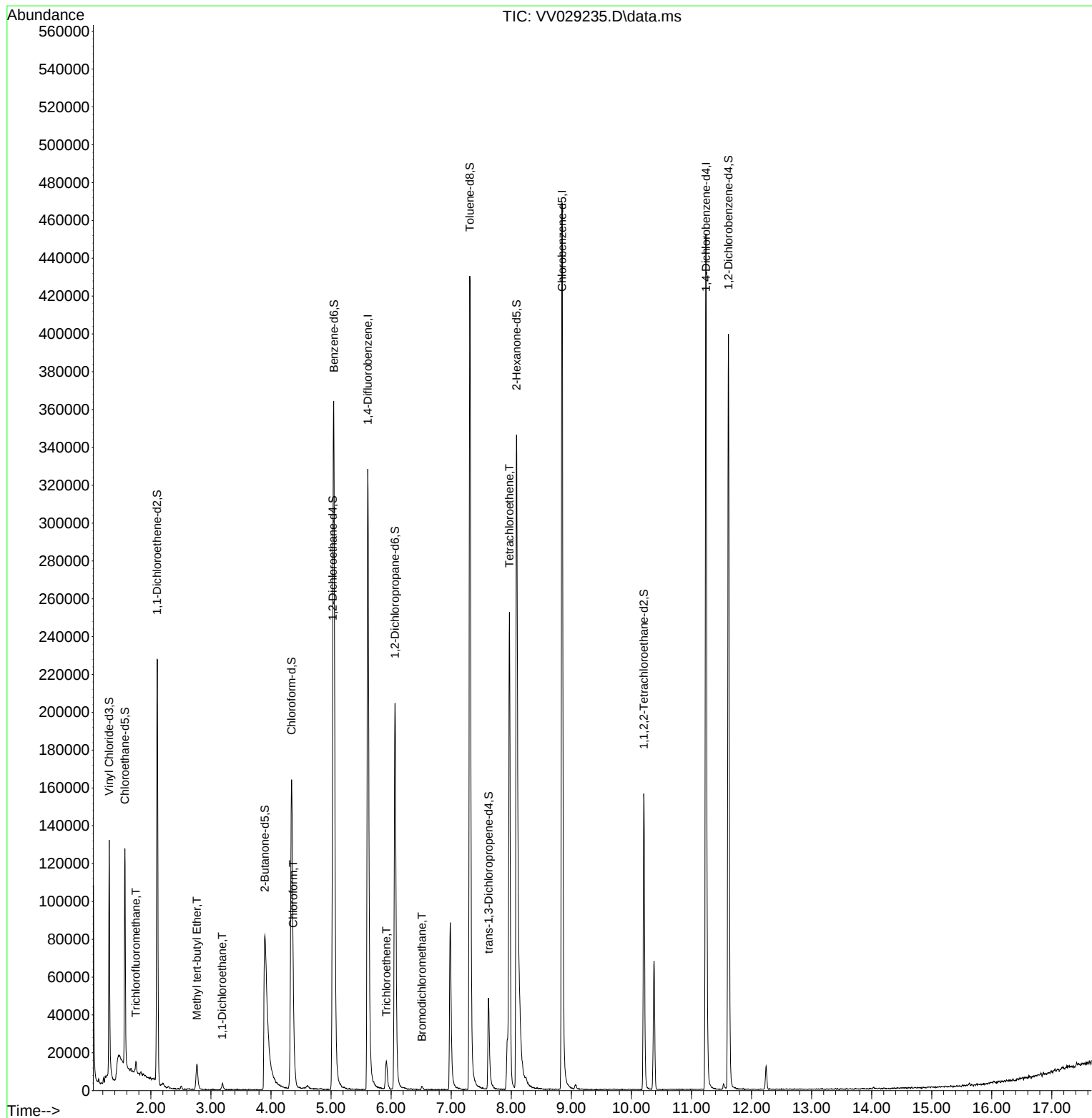
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	314765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	131666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91144	4.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.568	69	76036	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.105	63	113856	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.896	46	184291	57.371	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.740%
24) Chloroform-d	4.343	84	175151	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.027	65	81549	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.047	84	357196	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.066	67	106721	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.310	98	310036	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.622	79	33061	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.088	63	150216	45.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	77729	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	114114	4.844	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	3004	0.090	ug/L	87
17) Methyl tert-butyl Ether	2.767	73	15081	0.369	ug/L #	95
19) 1,1-Dichloroethane	3.188	63	3143	0.087	ug/L	96
25) Chloroform	4.372	83	19528	0.516	ug/L	93
34) Trichloroethene	5.921	95	5988	0.267	ug/L	91
38) Bromodichloromethane	6.513	83	1607	0.063	ug/L #	95
47) Tetrachloroethene	7.969	164	58639	3.265	ug/L	99

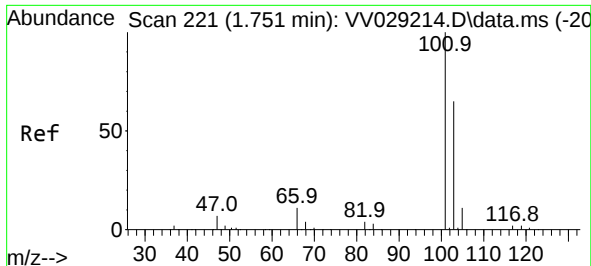
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 00:54:18 2022
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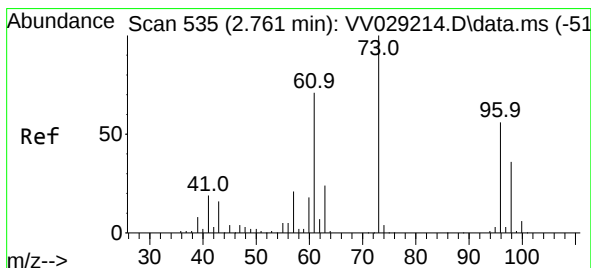
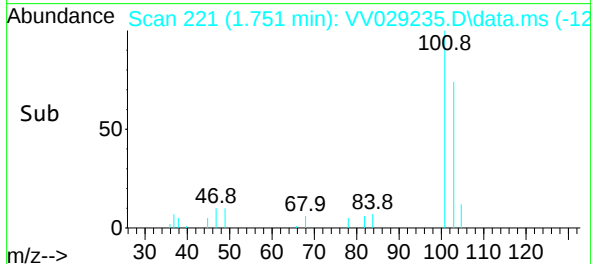
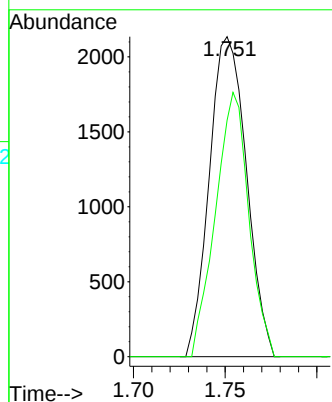
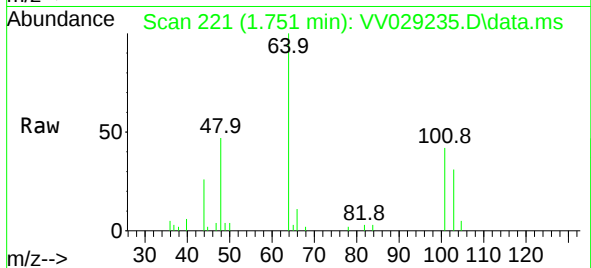




#9
Trichlorofluoromethane
Concen: 0.090 ug/L
RT: 1.751 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029235.D
Acq: 20 Nov 2022 19:17

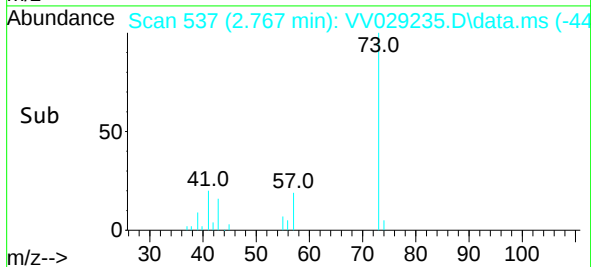
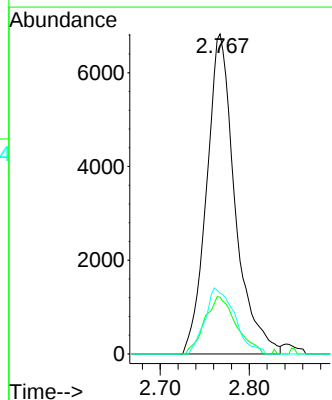
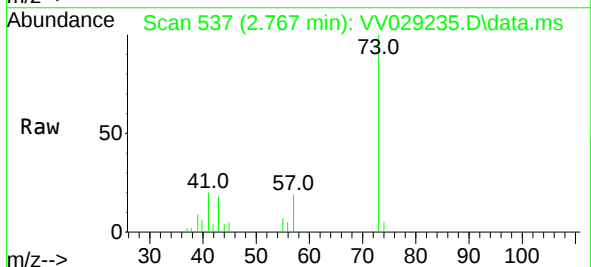
Instrument :
MSVOA_V
ClientSampleId :
BH1M1

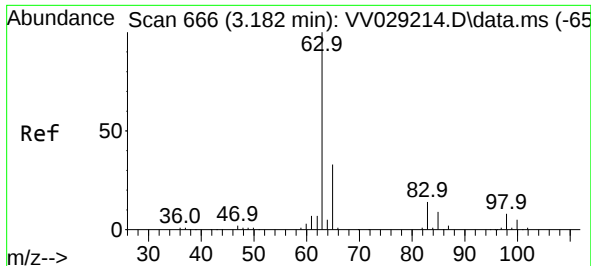
Tgt Ion:101 Resp: 3004
Ion Ratio Lower Upper
101 100
103 74.1 51.3 76.9



#17
Methyl tert-butyl Ether
Concen: 0.369 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029235.D
Acq: 20 Nov 2022 19:17

Tgt Ion: 73 Resp: 15081
Ion Ratio Lower Upper
73 100
43 19.8 13.0 19.4#
57 21.6 16.6 24.8

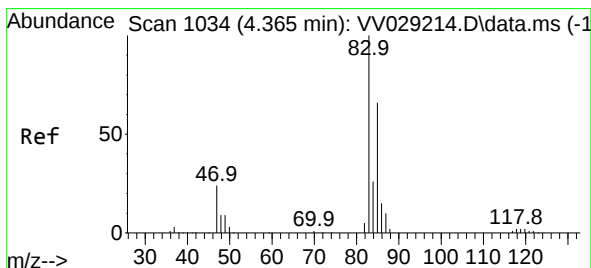
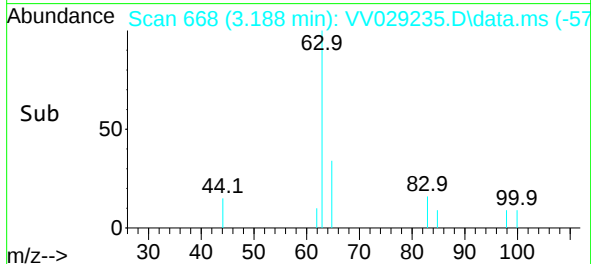
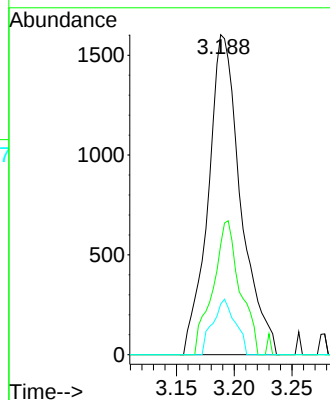
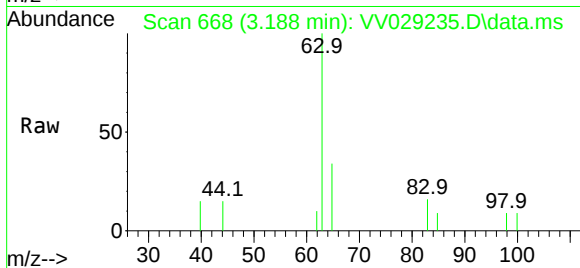




#19
1,1-Dichloroethane
Concen: 0.087 ug/L
RT: 3.188 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV029235.D
Acq: 20 Nov 2022 19:17

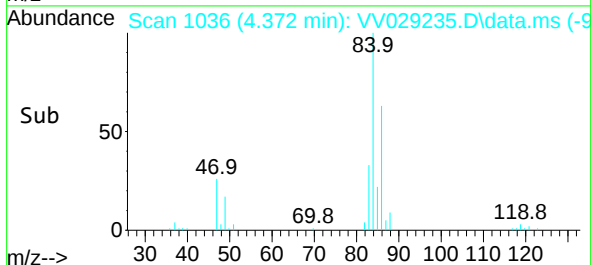
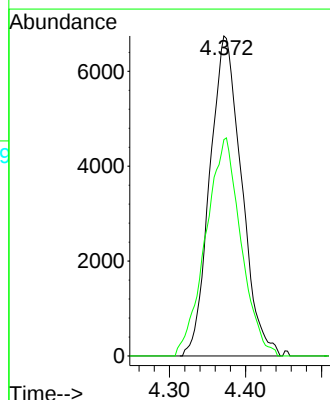
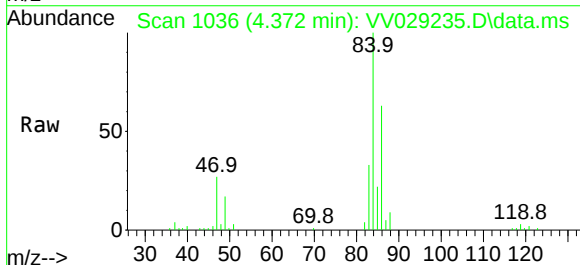
Instrument :
MSVOA_V
ClientSampleId :
BH1M1

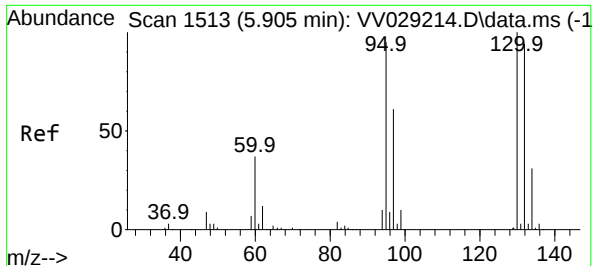
Tgt Ion: 63 Resp: 3143
Ion Ratio Lower Upper
63 100
65 34.4 23.0 42.6
83 15.8 9.4 17.6



#25
Chloroform
Concen: 0.516 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV029235.D
Acq: 20 Nov 2022 19:17

Tgt Ion: 83 Resp: 19528
Ion Ratio Lower Upper
83 100
85 67.6 43.7 81.1



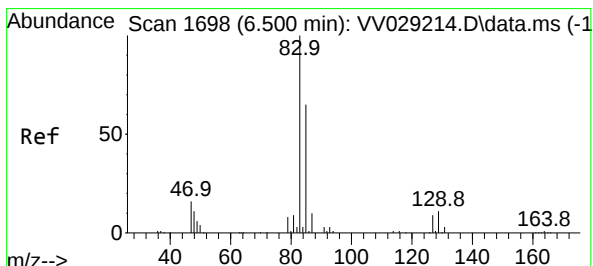
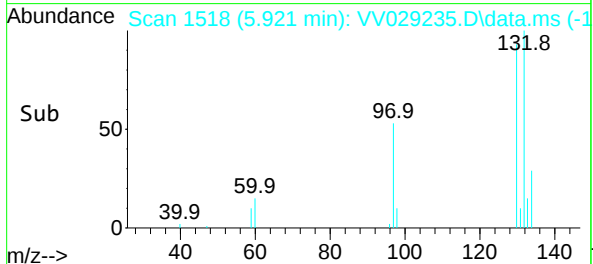
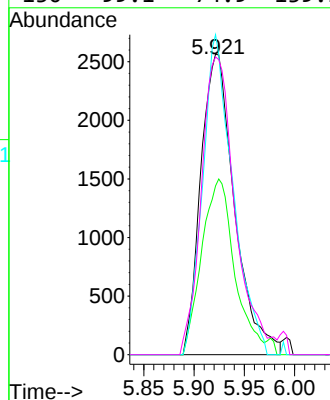
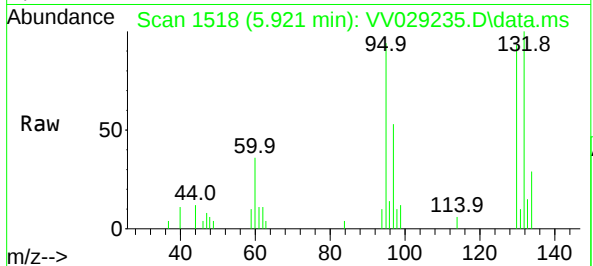


#34
Trichloroethene
Concen: 0.267 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV029235.D
Acq: 20 Nov 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
BH1M1

Tgt Ion: 95 Resp: 5988

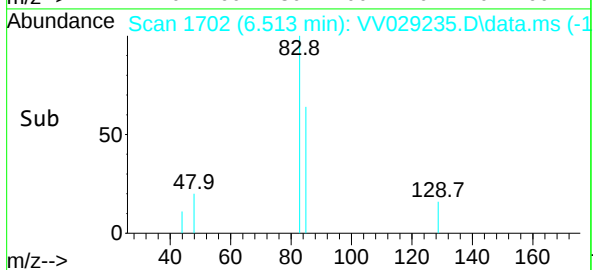
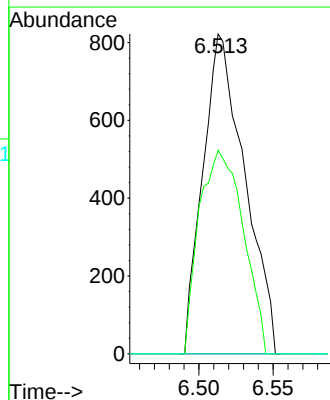
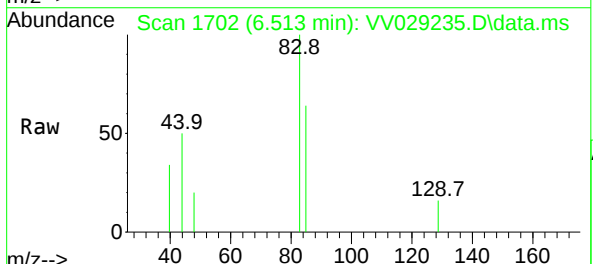
Ion	Ratio	Lower	Upper
95	100		
97	56.2	45.6	84.8
132	106.5	69.1	128.3
130	99.1	74.9	139.1

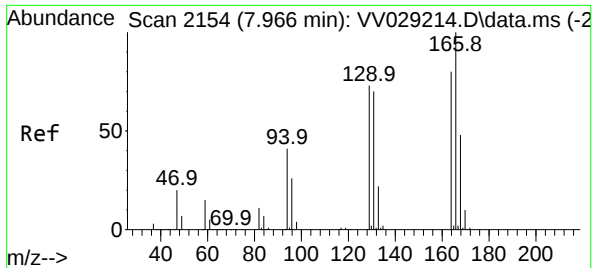


#38
Bromodichloromethane
Concen: 0.063 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.013 min
Lab File: VV029235.D
Acq: 20 Nov 2022 19:17

Tgt Ion: 83 Resp: 1607

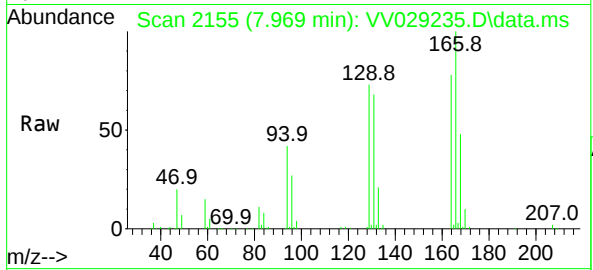
Ion	Ratio	Lower	Upper
83	100		
85	63.6	46.1	85.5
127	0.0	6.7	10.1





#47
 Tetrachloroethene
 Concen: 3.265 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029235.D
 Acq: 20 Nov 2022 19:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1M1



Tgt Ion:	164	Resp:	58639
Ion	Ratio	Lower	Upper
164	100		
129	93.9	63.9	118.7
131	88.2	61.8	114.8
166	129.0	90.2	167.4

