

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023225.D
 Acq On : 05 Nov 2021 12:30
 Operator : SY/MD
 Sample : M4492-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1S2

Quant Time: Nov 09 02:41:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

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

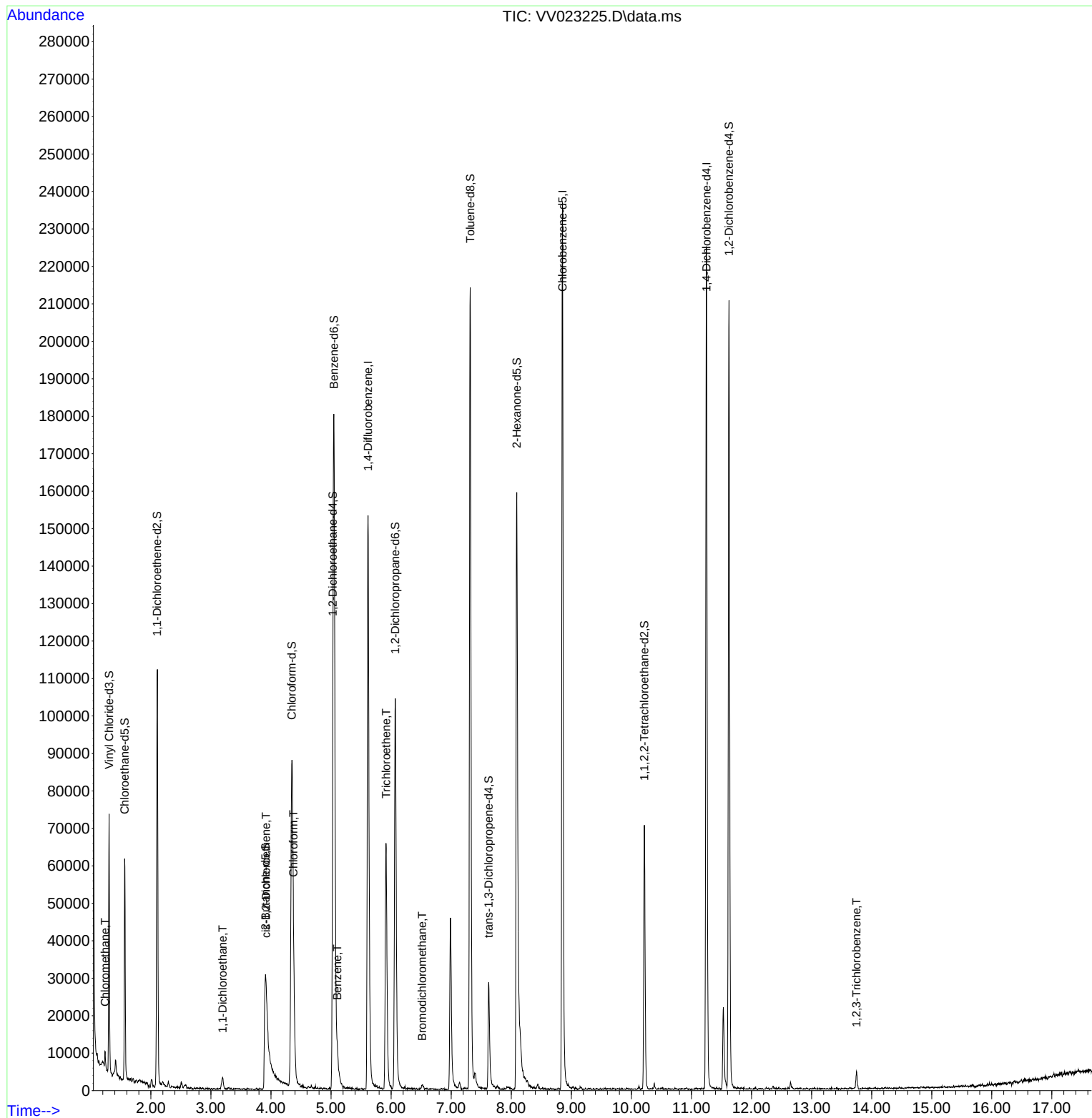
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	134321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40579	4.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.564	69	34873	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.105	63	56363	3.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.908	46	58490	40.346	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.700%
24) Chloroform-d	4.346	84	87214	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.031	65	40943	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	165252	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.069	67	49498	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.317	98	143591	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	16722	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.091	63	61607	44.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33542	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54504	5.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
3) Chloromethane	1.236	50	2550	0.229	ug/L	97
19) 1,1-Dichloroethane	3.195	63	3367	0.203	ug/L #	77
22) cis-1,2-Dichloroethene	3.918	96	1421	0.150	ug/L #	77
25) Chloroform	4.375	83	24050	1.357	ug/L	96
33) Benzene	5.104	78	7816	0.212	ug/L	100
34) Trichloroethene	5.915	95	22541	2.296	ug/L	92
38) Bromodichloromethane	6.516	83	1226	0.106	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.747	180	1678	0.168	ug/L	88

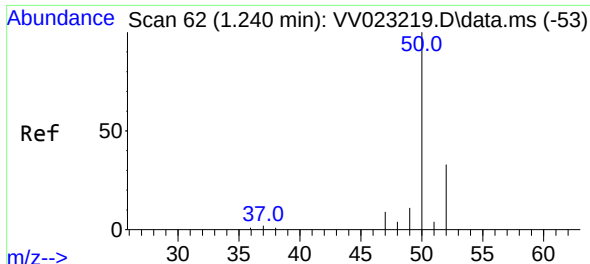
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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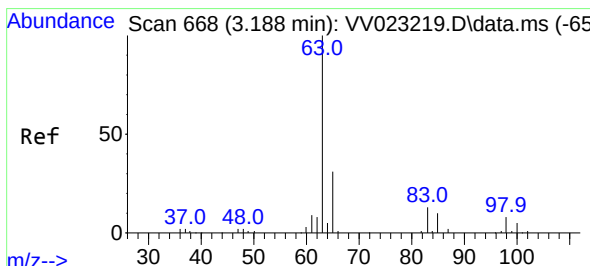
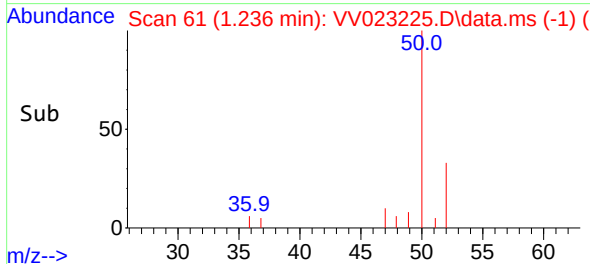
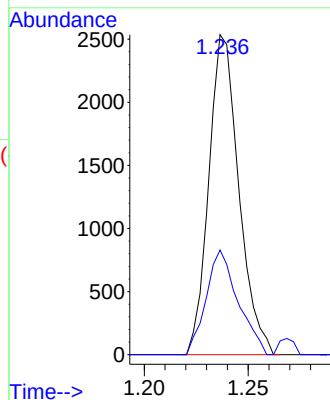
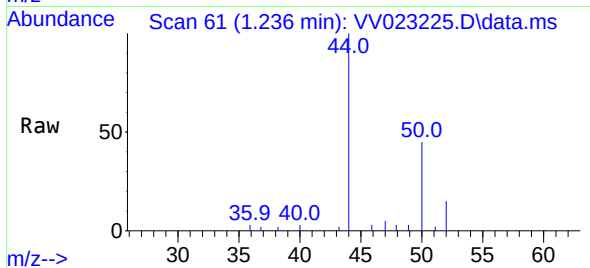




#3
Chloromethane
Concen: 0.229 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

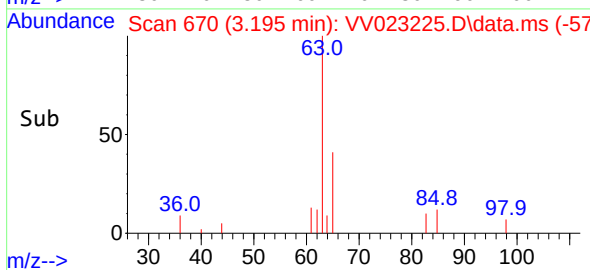
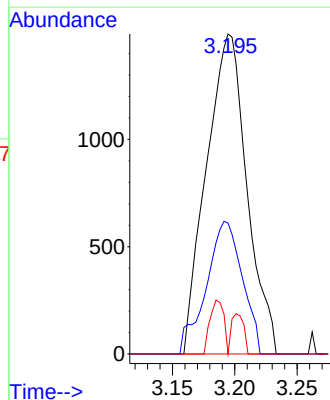
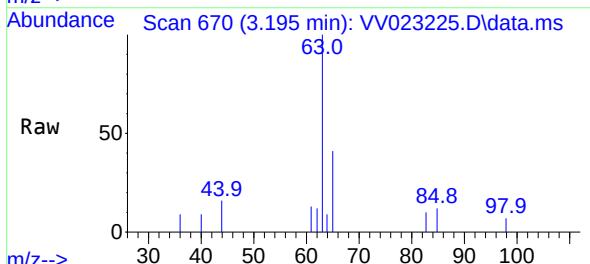
Instrument :
MSVOA_V
ClientSampleId :
BG1S2

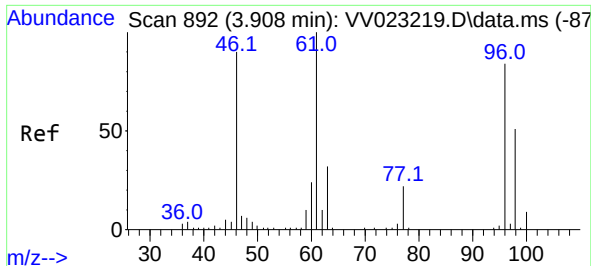
Tgt Ion: 50 Resp: 2550
Ion Ratio Lower Upper
50 100
52 32.7 24.3 45.1



#19
1,1-Dichloroethane
Concen: 0.203 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Tgt Ion: 63 Resp: 3367
Ion Ratio Lower Upper
63 100
65 40.9 22.6 42.0
83 0.0 11.1 20.7#

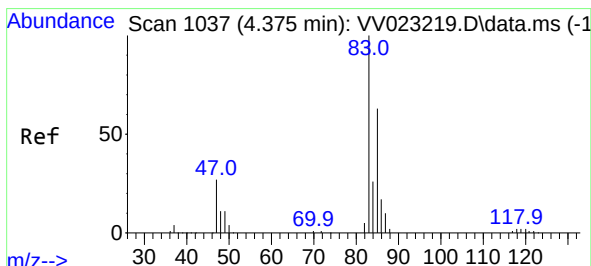
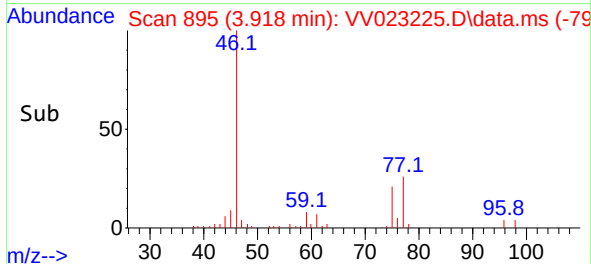
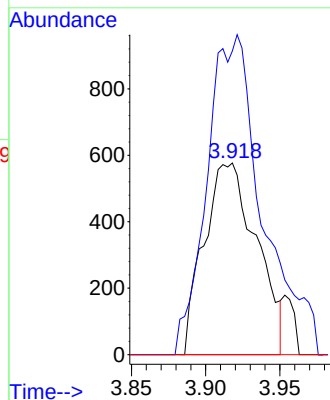
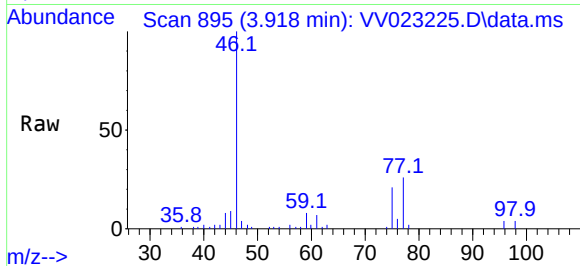




#22
 cis-1,2-Dichloroethene
 Concen: 0.150 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV023225.D
 Acq: 05 Nov 2021 12:30

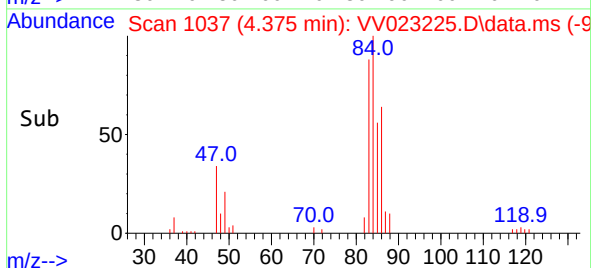
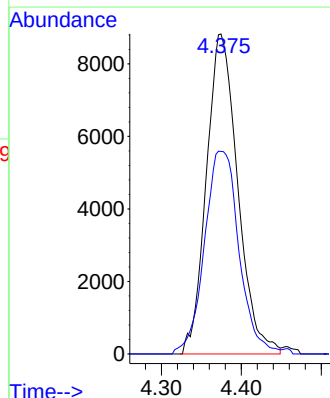
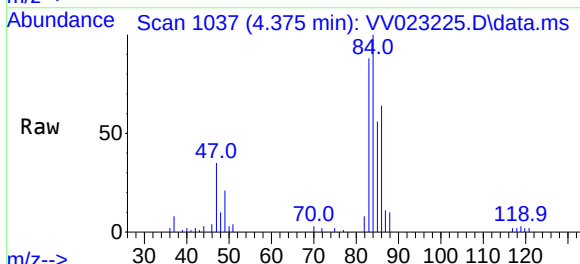
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1S2

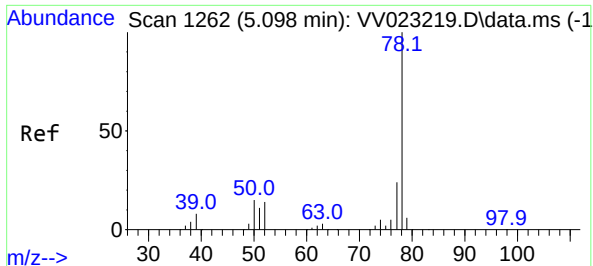
Tgt Ion: 96 Resp: 1421
 Ion Ratio Lower Upper
 96 100
 61 158.4 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 1.357 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VV023225.D
 Acq: 05 Nov 2021 12:30

Tgt Ion: 83 Resp: 24050
 Ion Ratio Lower Upper
 83 100
 85 63.3 46.8 86.8

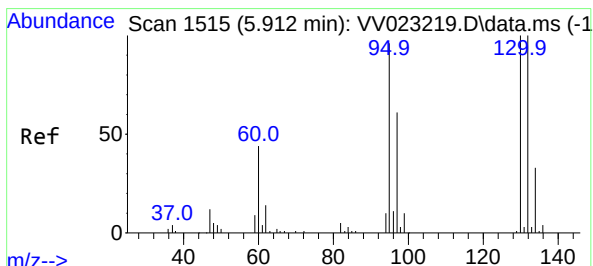
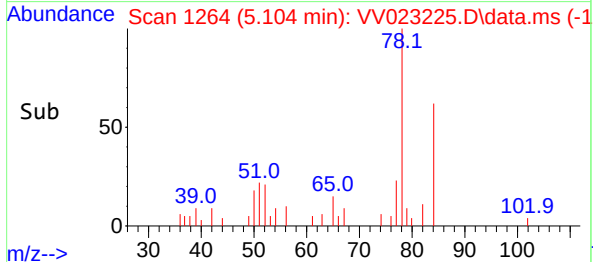
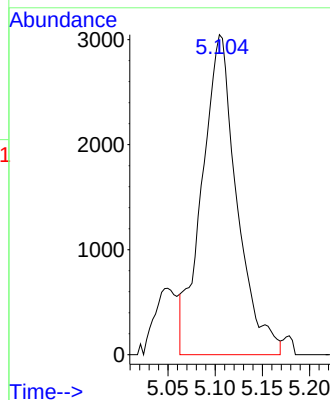
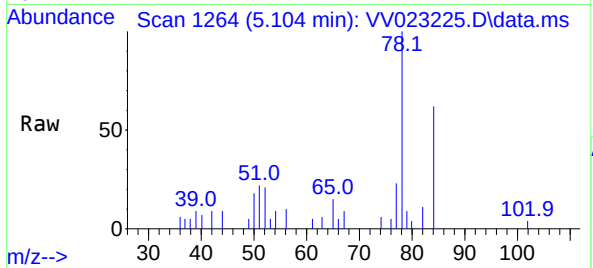




#33
Benzene
Concen: 0.212 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Instrument : MSVOA_V
ClientSampleId : BG1S2

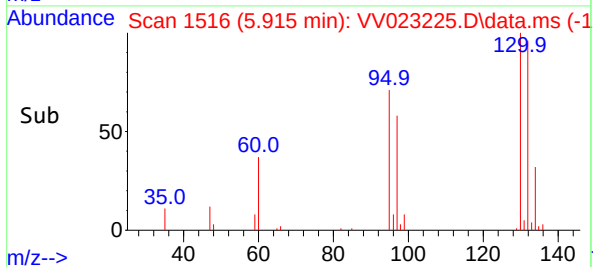
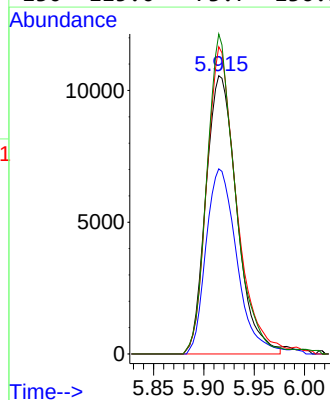
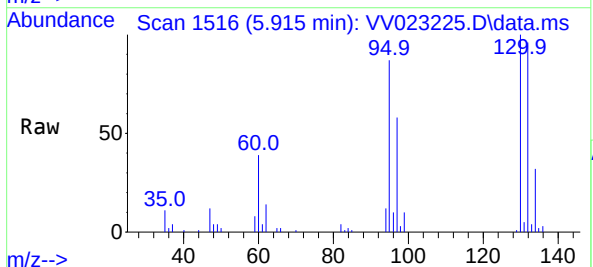
Tgt Ion: 78 Resp: 7816

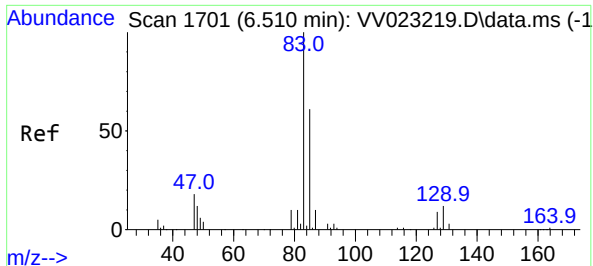


#34
Trichloroethene
Concen: 2.296 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Tgt Ion: 95 Resp: 22541

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.0	83.6
132	110.4	69.7	129.4
130	115.0	73.7	136.9

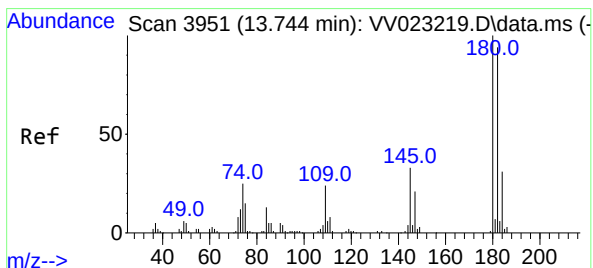
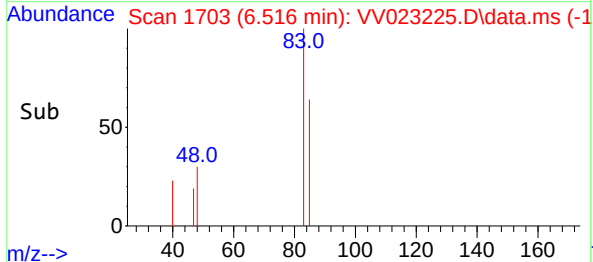
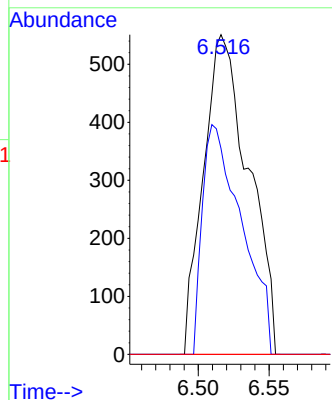
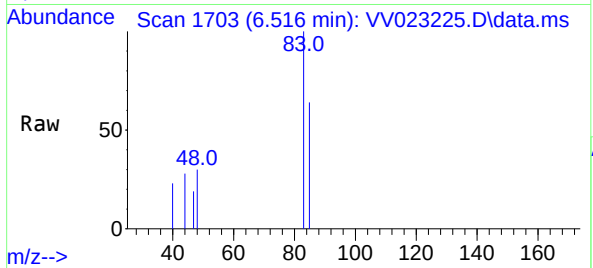




#38
Bromodichloromethane
Concen: 0.106 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Instrument :
MSVOA_V
ClientSampleId :
BG1S2

Tgt Ion: 83	Resp:	1226
Ion Ratio	Lower	Upper
83	100	
85	64.4	46.1 85.7
127	0.0	7.2 10.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.168 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Tgt Ion: 180	Resp:	1678
Ion Ratio	Lower	Upper
180	100	
182	81.4	76.7 115.1
145	30.3	25.7 38.5

