

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029226.D
 Acq On : 20 Nov 2022 15:37
 Operator : SY/MD
 Sample : N5652-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K6

Quant Time: Nov 21 00:58:17 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)

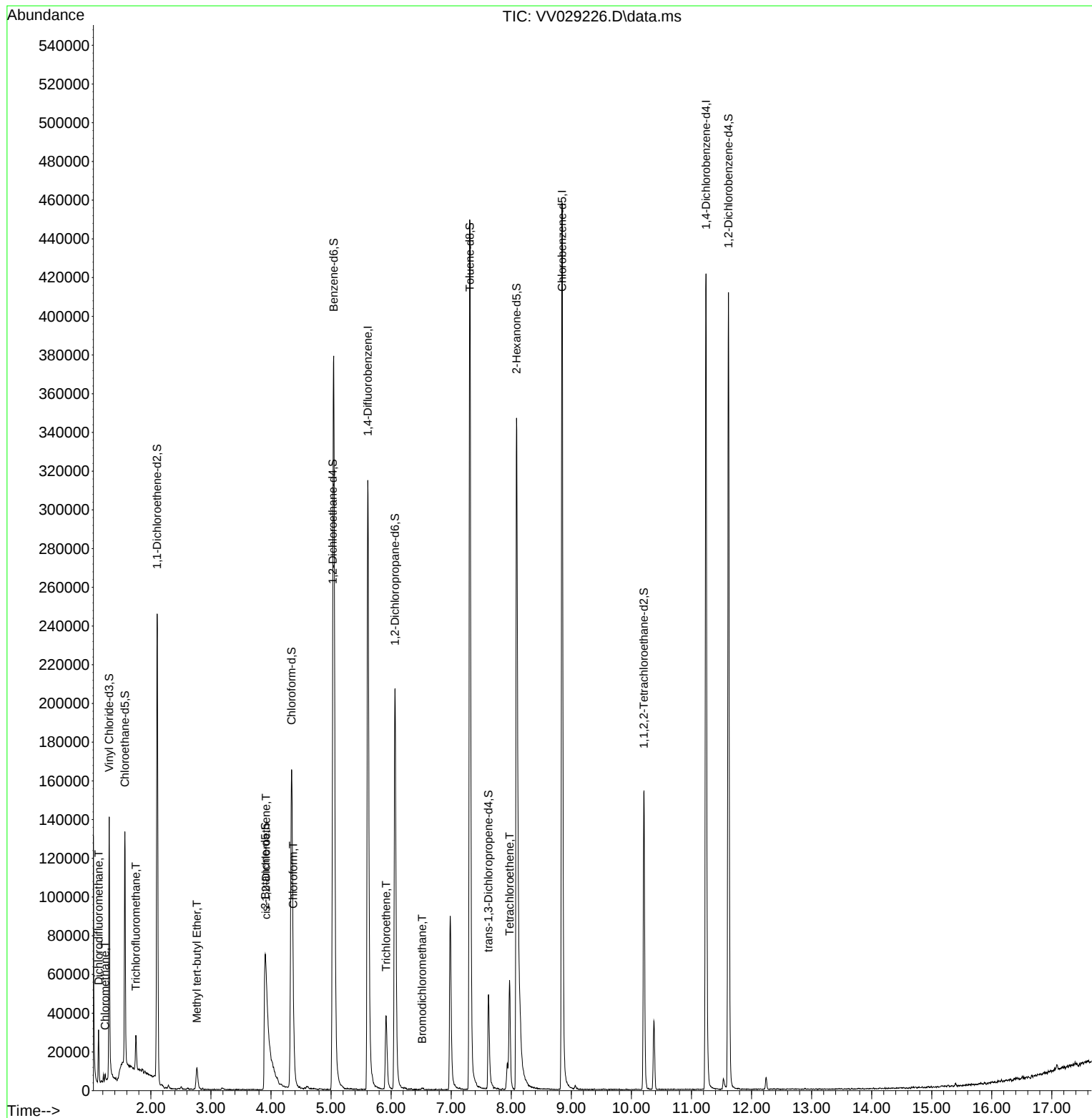
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	302413	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	275547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	121747	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92936	5.041	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.568	69	79198	4.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.105	63	121613	3.620	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.400%	
20) 2-Butanone-d5	3.905	46	181442	58.791	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.580%	
24) Chloroform-d	4.342	84	177812	4.698	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.027	65	85338	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.043	84	374188	4.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.063	67	109586	4.772	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.310	98	325420	4.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.619	79	33341	4.451	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.088	63	152970	47.843	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.680%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	78185	4.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	115046	5.282	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	15174	0.602	ug/L	97
3) Chloromethane	1.240	50	3209	0.153	ug/L	93
9) Trichlorofluoromethane	1.751	101	10407	0.323	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	12540	0.319	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	1589	0.074	ug/L	90
25) Chloroform	4.368	83	15945	0.438	ug/L	95
34) Trichloroethene	5.915	95	15113	0.701	ug/L	94
38) Bromodichloromethane	6.516	83	973	0.040	ug/L #	87
47) Tetrachloroethene	7.973	164	14241	0.825	ug/L	97

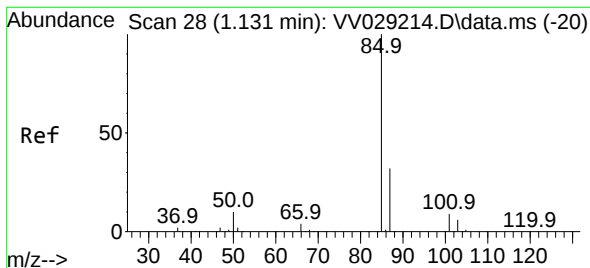
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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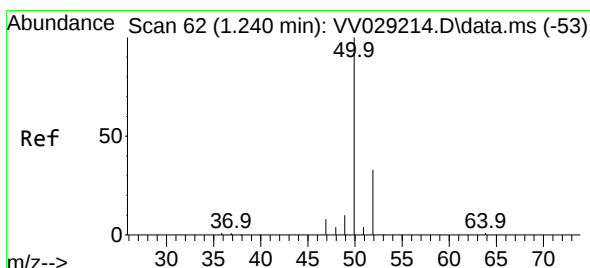
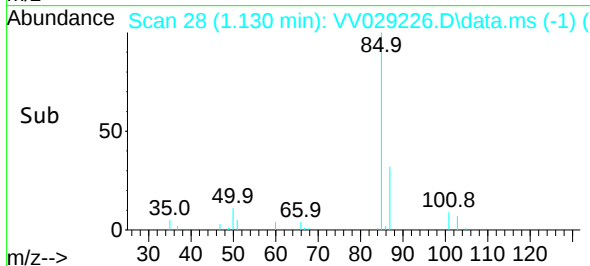
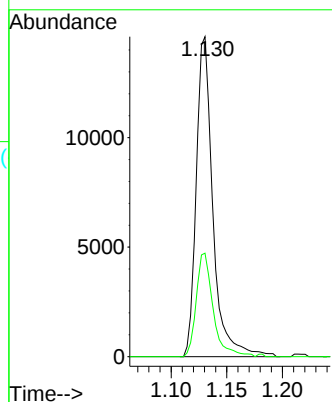
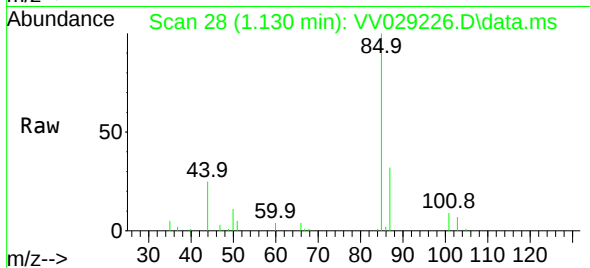




#2
 Dichlorodifluoromethane
 Concen: 0.602 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029226.D
 Acq: 20 Nov 2022 15:37

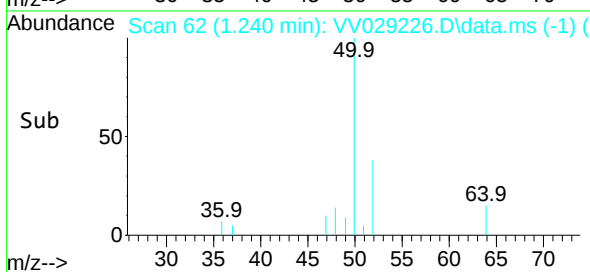
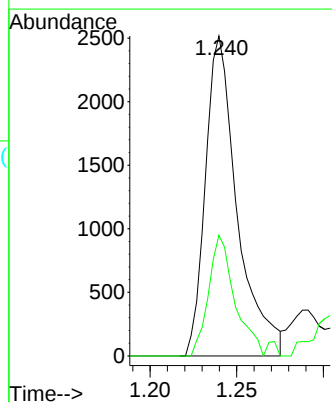
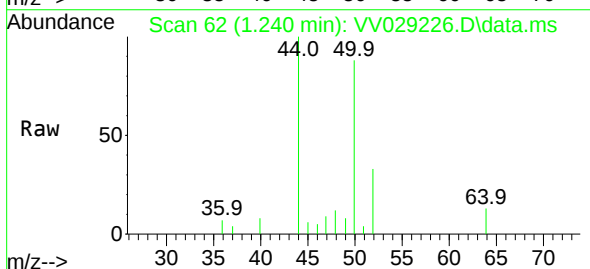
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K6

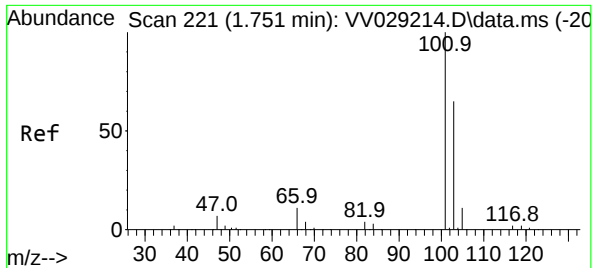
Tgt Ion: 85 Resp: 15174
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.0 37.4



#3
 Chloromethane
 Concen: 0.153 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029226.D
 Acq: 20 Nov 2022 15:37

Tgt Ion: 50 Resp: 3209
 Ion Ratio Lower Upper
 50 100
 52 37.7 23.7 43.9

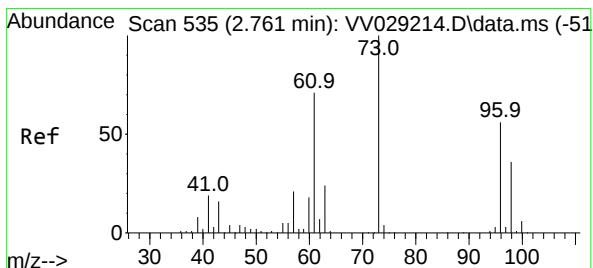
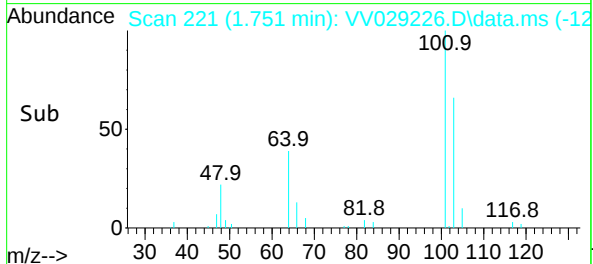
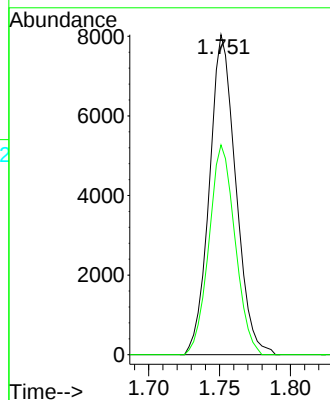
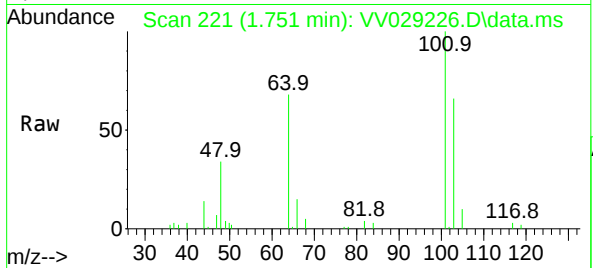




#9
 Trichlorofluoromethane
 Concen: 0.323 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029226.D
 Acq: 20 Nov 2022 15:37

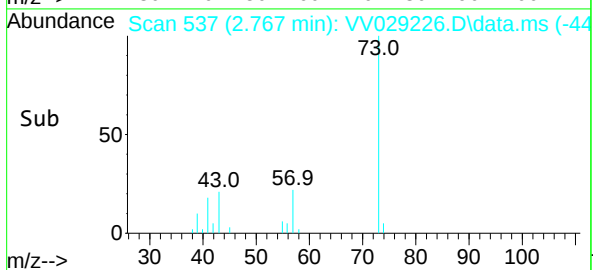
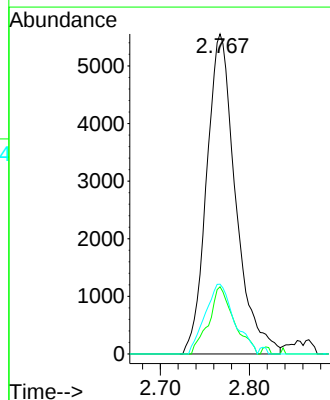
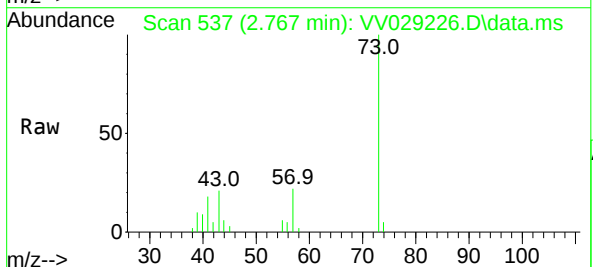
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K6

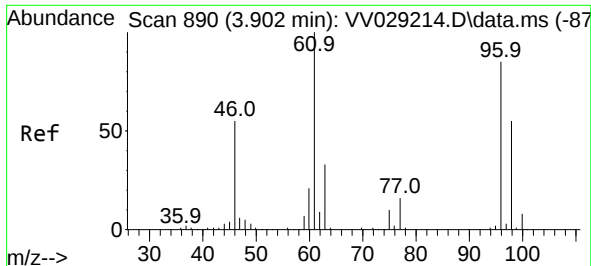
Tgt Ion:101 Resp: 10407
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.3 76.9



#17
 Methyl tert-butyl Ether
 Concen: 0.319 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.006 min
 Lab File: VV029226.D
 Acq: 20 Nov 2022 15:37

Tgt Ion: 73 Resp: 12540
 Ion Ratio Lower Upper
 73 100
 43 18.2 13.0 19.4
 57 21.9 16.6 24.8





#22

cis-1,2-Dichloroethene

Concen: 0.074 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV029226.D

Acq: 20 Nov 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

BH1K6

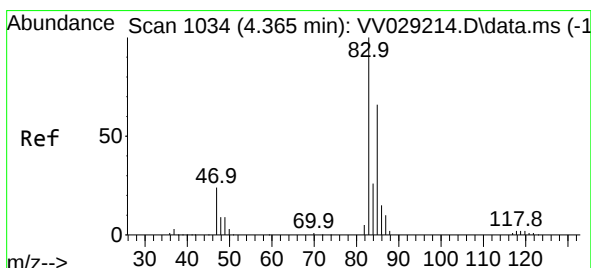
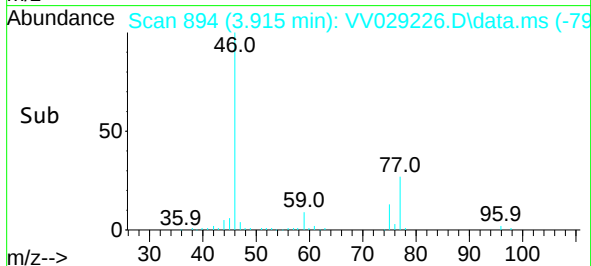
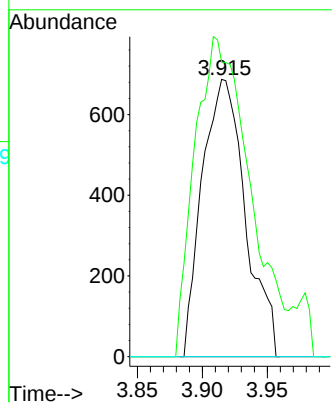
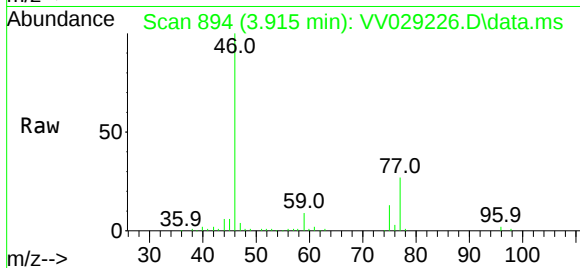
Tgt Ion: 96 Resp: 1589

Ion Ratio Lower Upper

96 100

61 106.3 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.438 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV029226.D

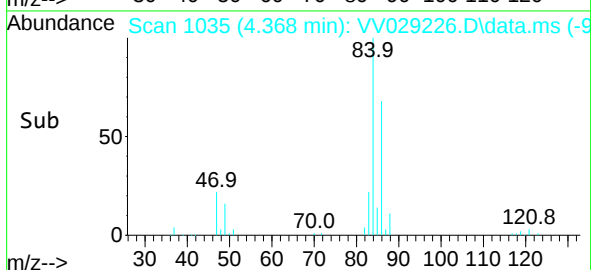
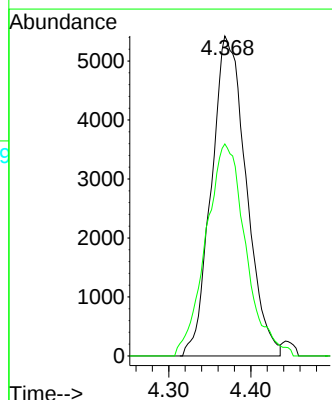
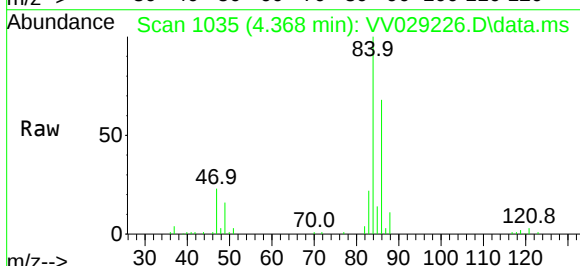
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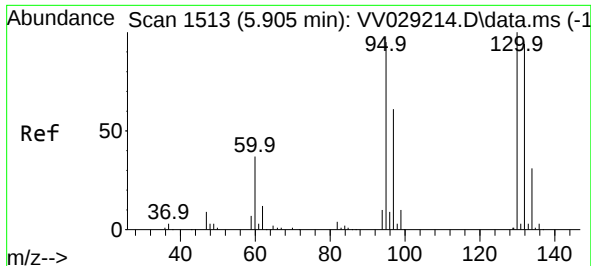
Tgt Ion: 83 Resp: 15945

Ion Ratio Lower Upper

83 100

85 66.3 43.7 81.1



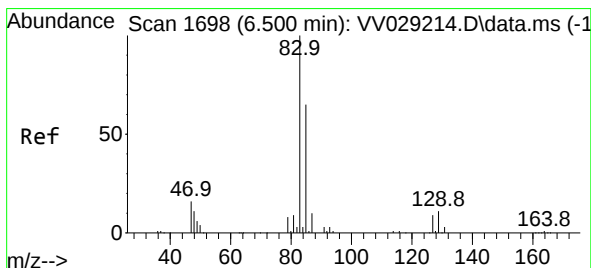
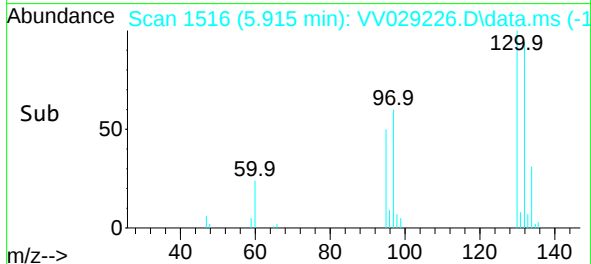
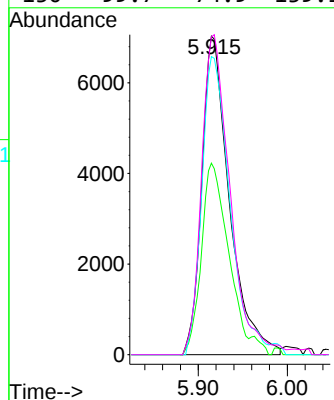
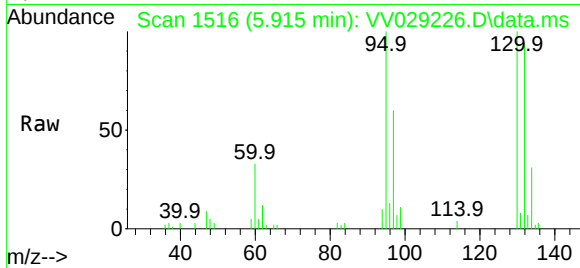


#34
Trichloroethene
Concen: 0.701 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029226.D
Acq: 20 Nov 2022 15:37

Instrument :
MSVOA_V
ClientSampleId :
BH1K6

Tgt Ion: 95 Resp: 15113

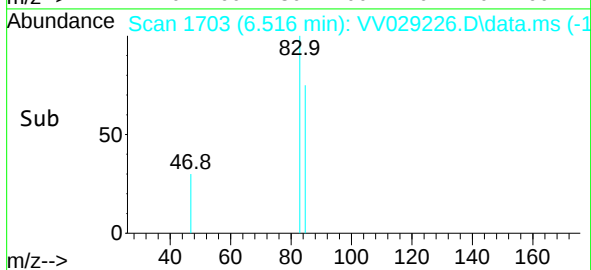
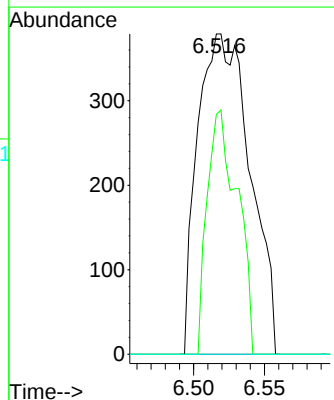
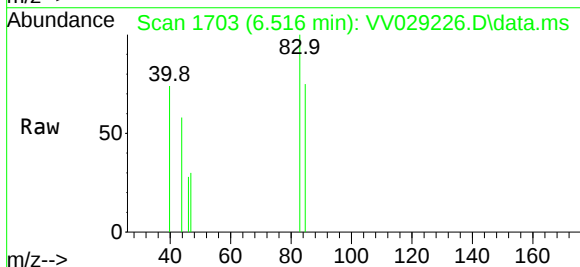
Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.6	84.8
132	93.6	69.1	128.3
130	99.7	74.9	139.1

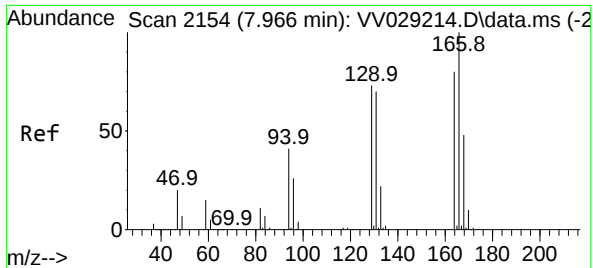


#38
Bromodichloromethane
Concen: 0.040 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.016 min
Lab File: VV029226.D
Acq: 20 Nov 2022 15:37

Tgt Ion: 83 Resp: 973

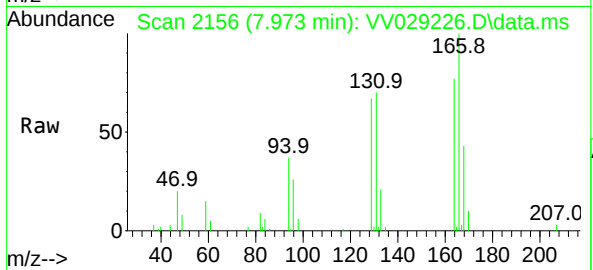
Ion	Ratio	Lower	Upper
83	100		
85	74.9	46.1	85.5
127	0.0	6.7	10.1





#47
 Tetrachloroethene
 Concen: 0.825 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV029226.D
 Acq: 20 Nov 2022 15:37

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K6



Tgt Ion:	164	Resp:	14241
Ion	Ratio	Lower	Upper
164	100		
129	87.2	63.9	118.7
131	91.7	61.8	114.8
166	130.2	90.2	167.4

