

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029227.D
 Acq On : 20 Nov 2022 16:02
 Operator : SY/MD
 Sample : N5652-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K7

Quant Time: Nov 21 00:58:32 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)

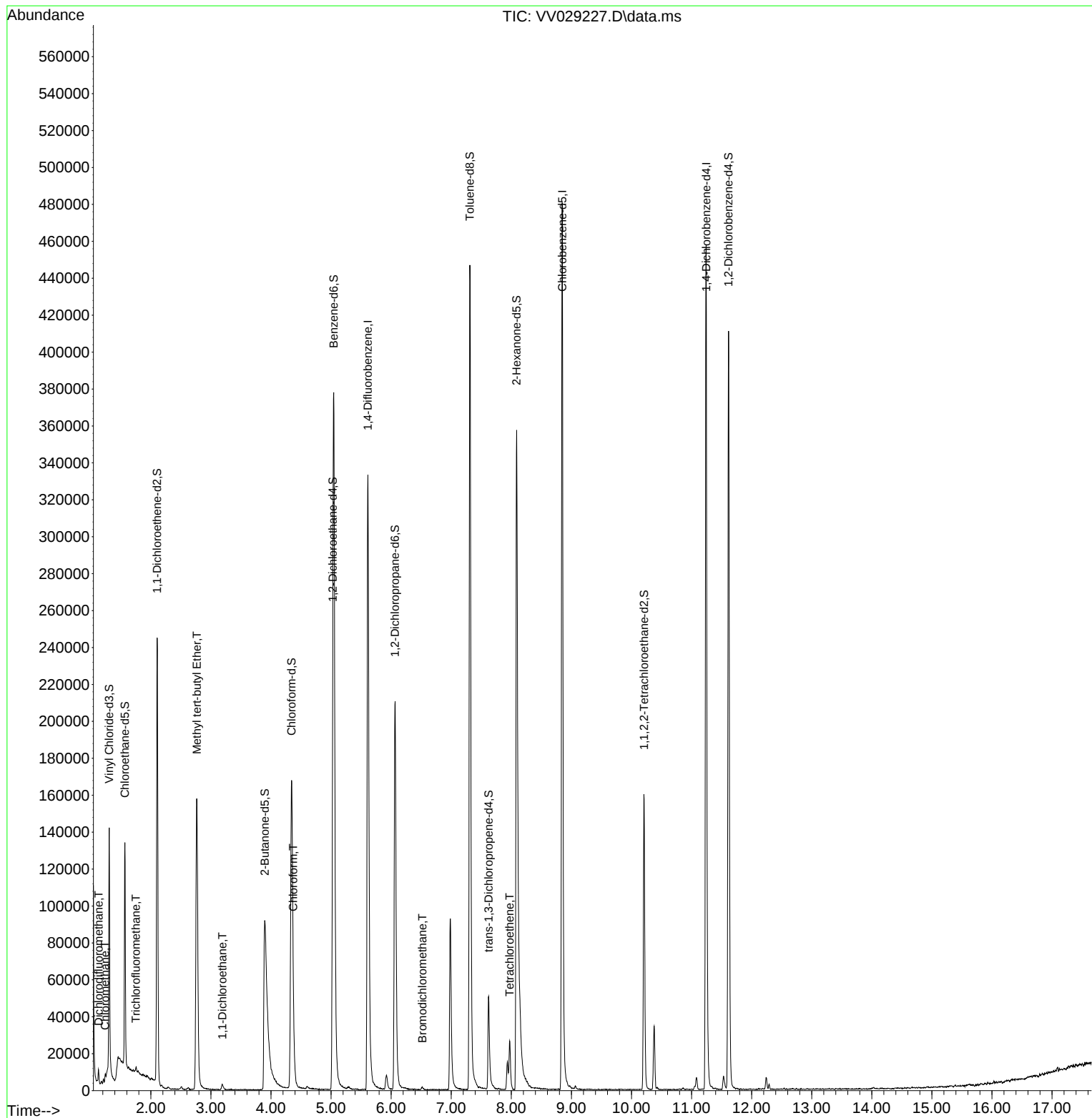
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	317241	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	288376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92494	4.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	79457	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.105	63	123072	3.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.896	46	193848	59.875	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.760%
24) Chloroform-d	4.343	84	180735	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.027	65	82831	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.043	84	373151	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.066	67	111090	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.310	98	323659	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.622	79	34168	4.359	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	156327	46.718	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	79792	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	115217	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
2) Dichlorodifluoromethane	1.130	85	3957	0.150	ug/L	97
3) Chloromethane	1.240	50	2698	0.123	ug/L	96
9) Trichlorofluoromethane	1.751	101	1580	0.047	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	177557	4.312	ug/L	99
19) 1,1-Dichloroethane	3.188	63	3671	0.101	ug/L #	82
25) Chloroform	4.368	83	18704	0.490	ug/L	99
38) Bromodichloromethane	6.519	83	1427	0.055	ug/L #	93
47) Tetrachloroethene	7.973	164	6127	0.339	ug/L	89

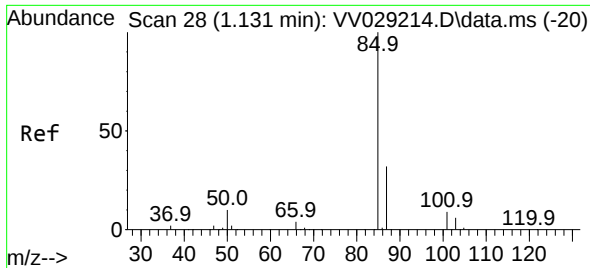
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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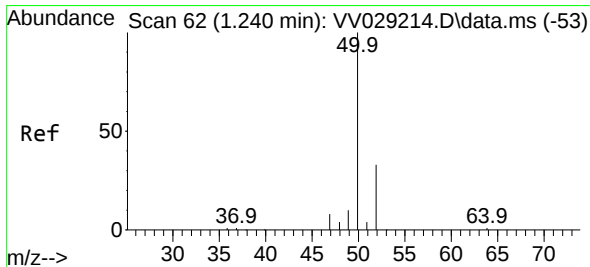
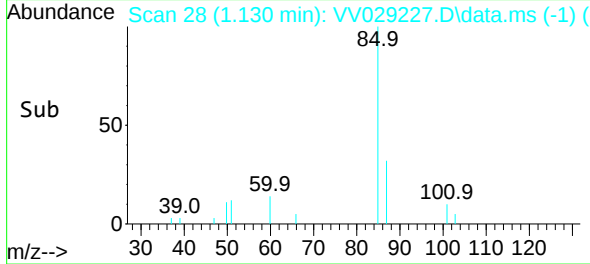
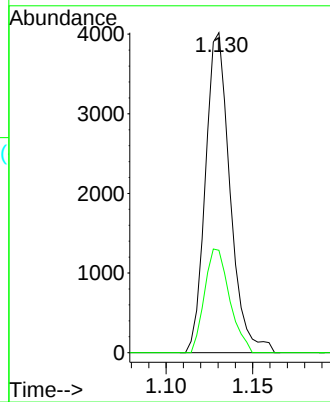
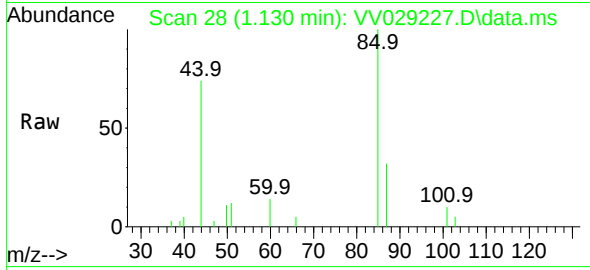




#2
 Dichlorodifluoromethane
 Concen: 0.150 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029227.D
 Acq: 20 Nov 2022 16:02

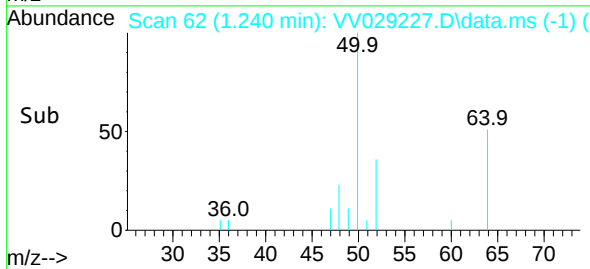
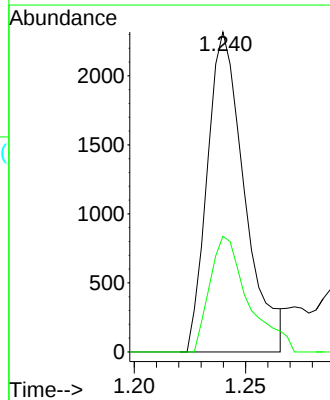
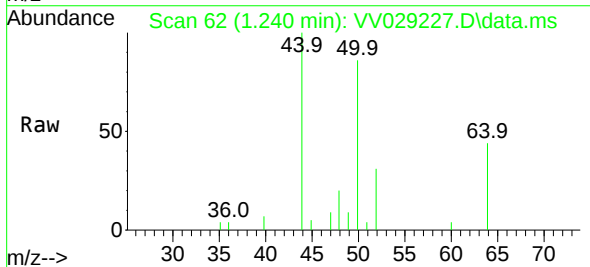
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K7

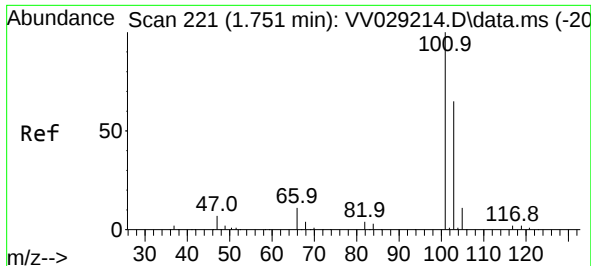
Tgt Ion: 85 Resp: 3957
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4



#3
 Chloromethane
 Concen: 0.123 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029227.D
 Acq: 20 Nov 2022 16:02

Tgt Ion: 50 Resp: 2698
 Ion Ratio Lower Upper
 50 100
 52 36.2 23.7 43.9

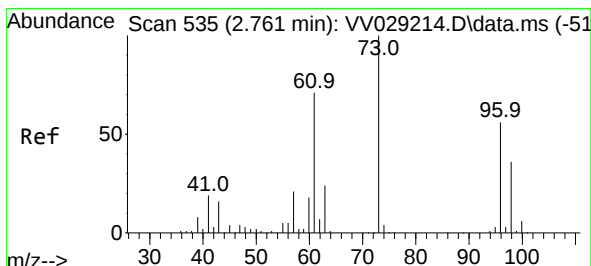
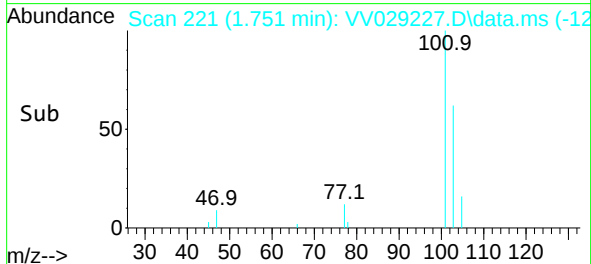
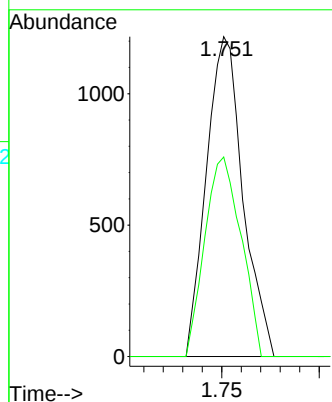
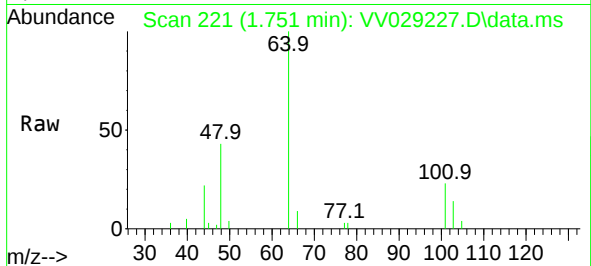




#9
Trichlorofluoromethane
Concen: 0.047 ug/L
RT: 1.751 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

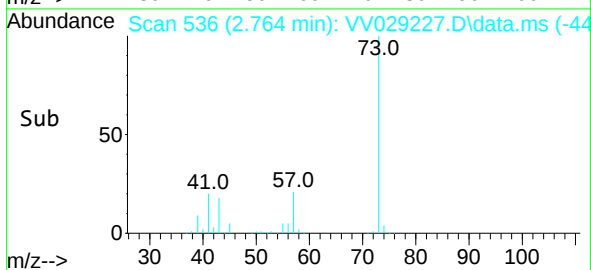
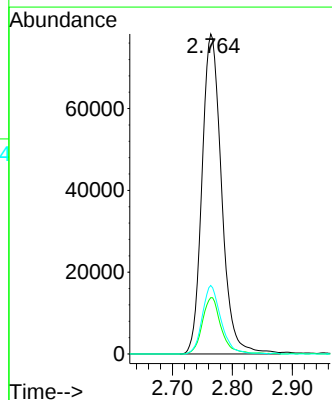
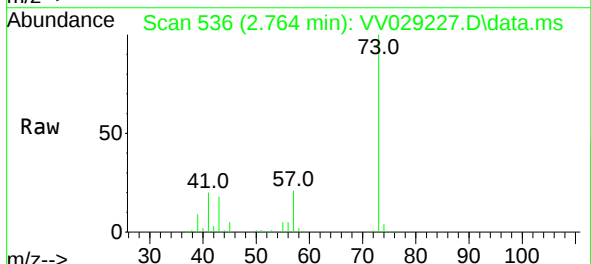
Instrument :
MSVOA_V
ClientSampleId :
BH1K7

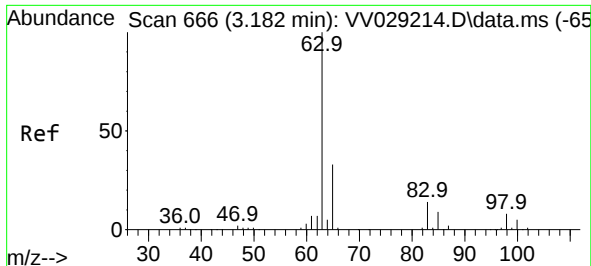
Tgt Ion:101 Resp: 1580
Ion Ratio Lower Upper
101 100
103 61.9 51.3 76.9



#17
Methyl tert-butyl Ether
Concen: 4.312 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Tgt Ion: 73 Resp: 177557
Ion Ratio Lower Upper
73 100
43 16.9 13.0 19.4
57 20.4 16.6 24.8





#19

1,1-Dichloroethane

Concen: 0.101 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029227.D

Acq: 20 Nov 2022 16:02

Instrument :

MSVOA_V

ClientSampleId :

BH1K7

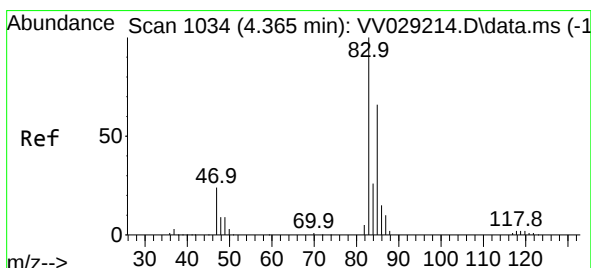
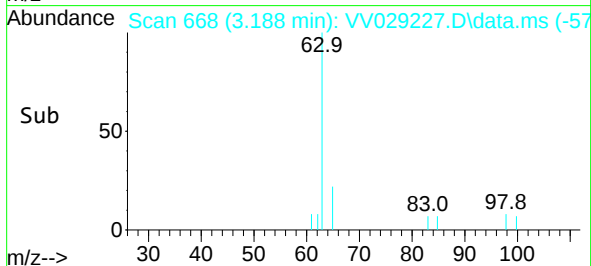
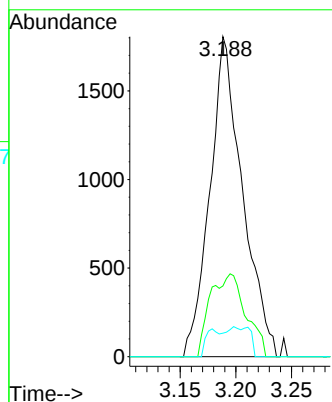
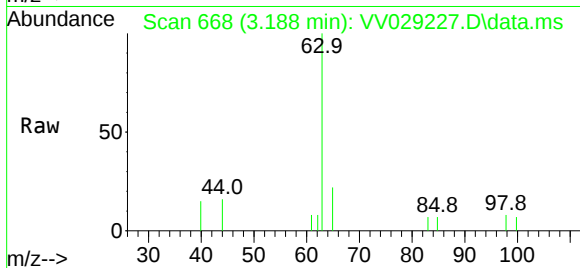
Tgt Ion: 63 Resp: 3671

Ion Ratio Lower Upper

63 100

65 22.1 23.0 42.6#

83 7.4 9.4 17.6#



#25

Chloroform

Concen: 0.490 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV029227.D

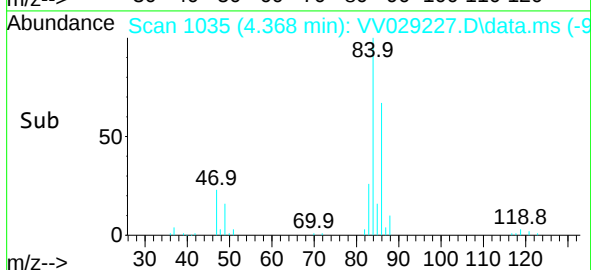
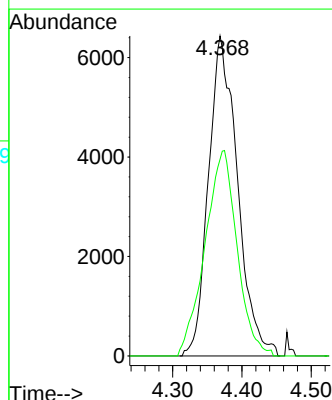
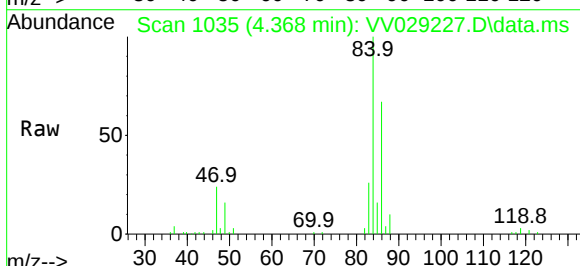
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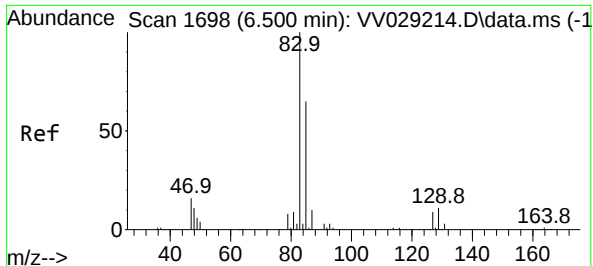
Tgt Ion: 83 Resp: 18704

Ion Ratio Lower Upper

83 100

85 61.4 43.7 81.1

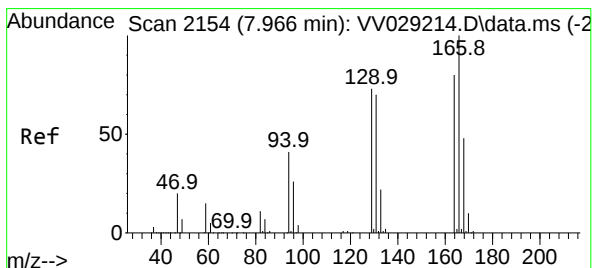
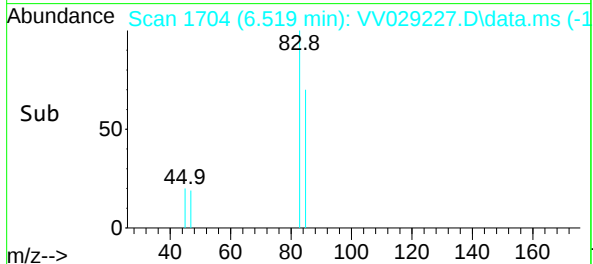
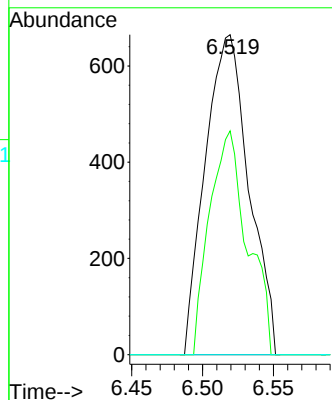
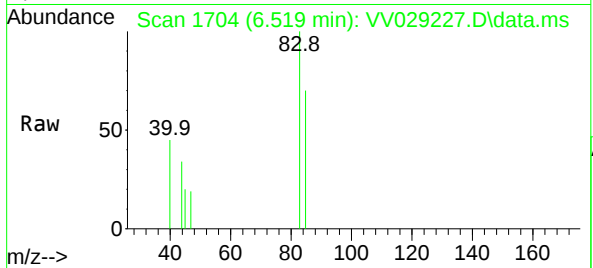




#38
Bromodichloromethane
Concen: 0.055 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Instrument :
MSVOA_V
ClientSampleId :
BH1K7

Tgt Ion: 83 Resp: 1427
Ion Ratio Lower Upper
83 100
85 69.9 46.1 85.5
127 0.0 6.7 10.1#



#47
Tetrachloroethene
Concen: 0.339 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV029227.D
Acq: 20 Nov 2022 16:02

Tgt Ion: 164 Resp: 6127
Ion Ratio Lower Upper
164 100
129 103.4 63.9 118.7
131 95.2 61.8 114.8
166 142.3 90.2 167.4

