

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029230.D
 Acq On : 20 Nov 2022 17:15
 Operator : SY/MD
 Sample : N5652-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L6

Quant Time: Nov 21 00:59:18 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)

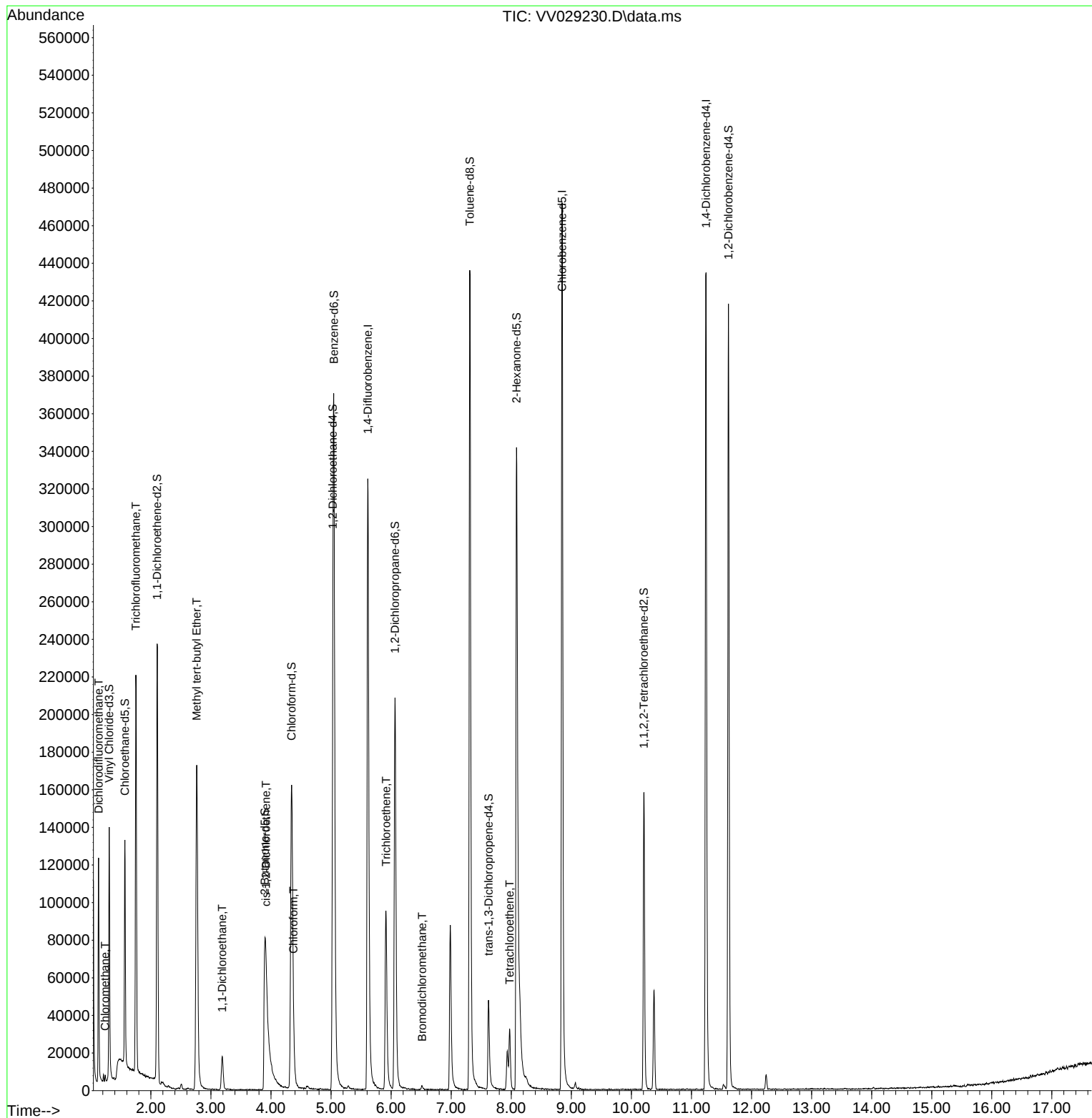
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	306387	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	289220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	126516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91375	4.892	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.568	69	78961	4.809	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.105	63	119650	3.515	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.899	46	182874	58.487	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.980%	
24) Chloroform-d	4.342	84	176801	4.610	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.030	65	83757	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.047	84	366305	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.066	67	107668	4.466	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.310	98	317023	4.080	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.622	79	32967	4.193	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.088	63	149973	44.689	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.380%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	77922	4.662	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	115143	5.087	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	70211	2.749	ug/L	98
3) Chloromethane	1.240	50	3195	0.151	ug/L	89
9) Trichlorofluoromethane	1.751	101	125952	3.863	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	192877	4.850	ug/L	99
19) 1,1-Dichloroethane	3.188	63	18322	0.521	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	1731	0.079	ug/L	88
25) Chloroform	4.375	83	16918	0.459	ug/L	99
34) Trichloroethene	5.915	95	36355	1.607	ug/L	99
38) Bromodichloromethane	6.516	83	2028	0.079	ug/L #	73
47) Tetrachloroethene	7.973	164	7855	0.434	ug/L	92

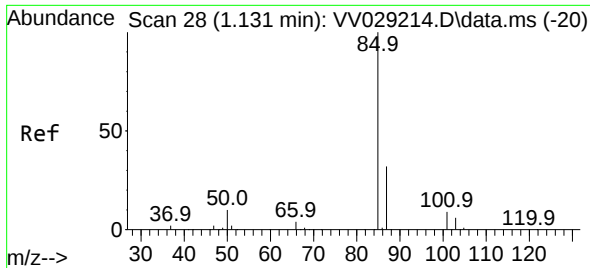
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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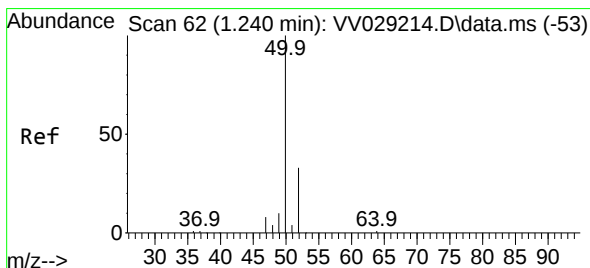
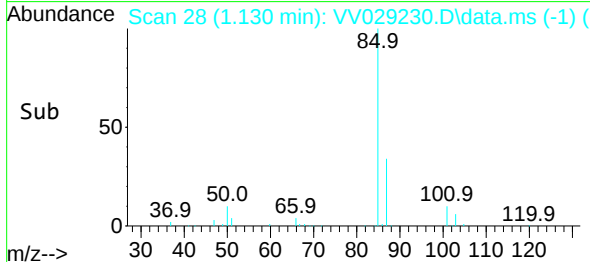
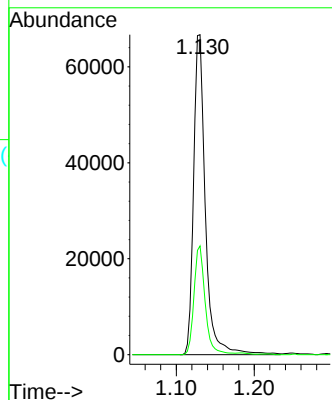
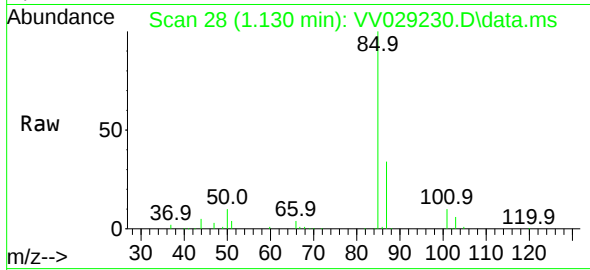




#2
 Dichlorodifluoromethane
 Concen: 2.749 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029230.D
 Acq: 20 Nov 2022 17:15

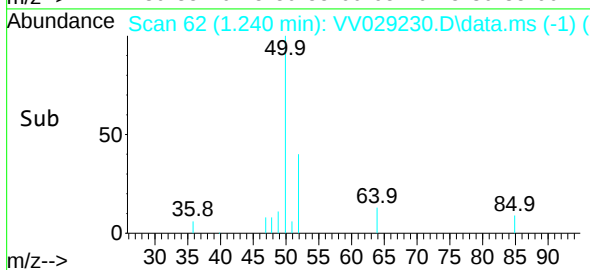
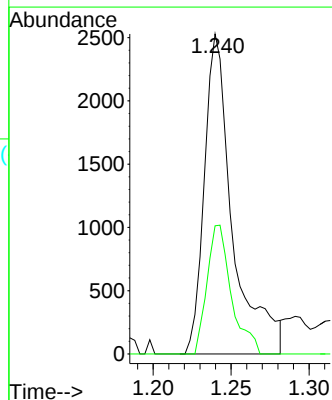
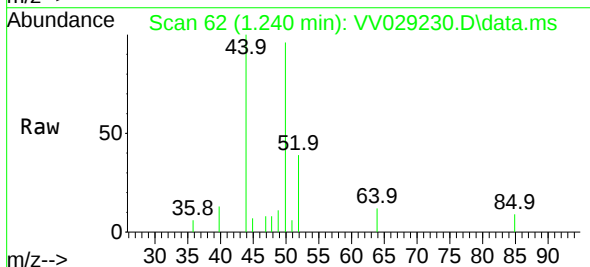
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L6

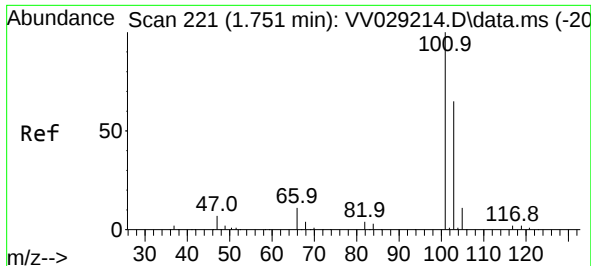
Tgt Ion: 85 Resp: 70211
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.4



#3
 Chloromethane
 Concen: 0.151 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029230.D
 Acq: 20 Nov 2022 17:15

Tgt Ion: 50 Resp: 3195
 Ion Ratio Lower Upper
 50 100
 52 40.1 23.7 43.9

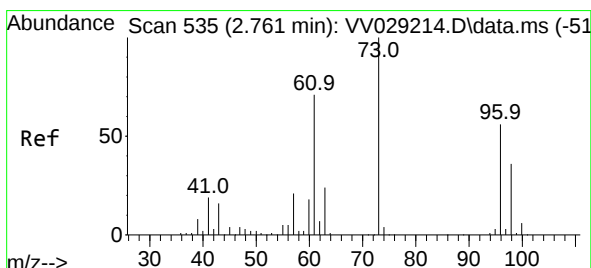
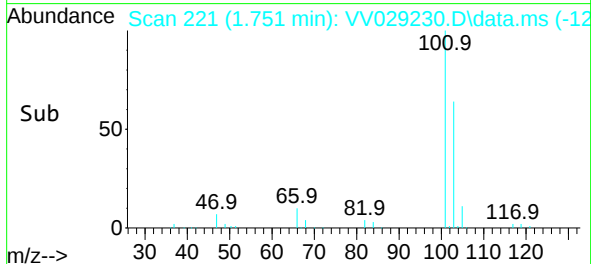
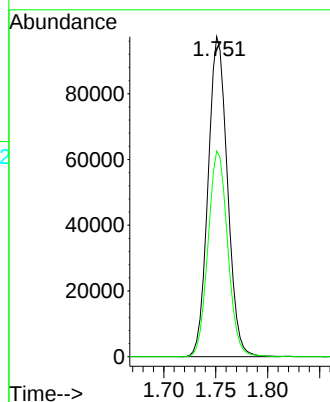
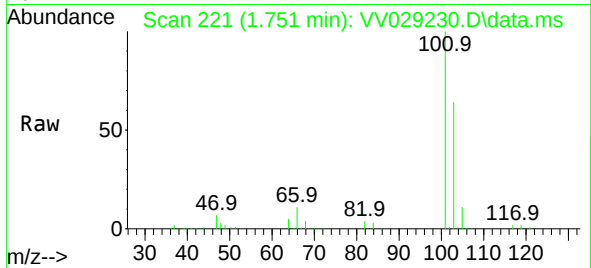




#9
 Trichlorofluoromethane
 Concen: 3.863 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029230.D
 Acq: 20 Nov 2022 17:15

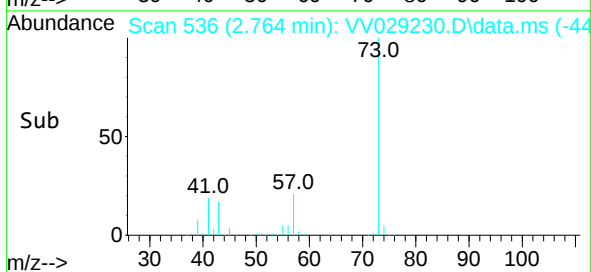
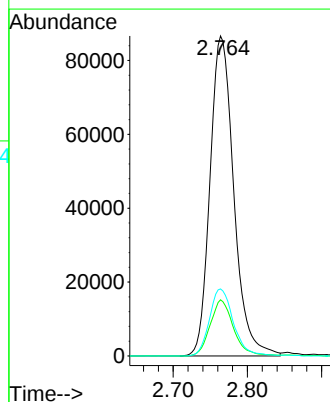
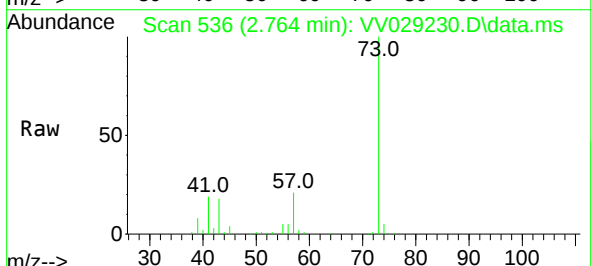
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L6

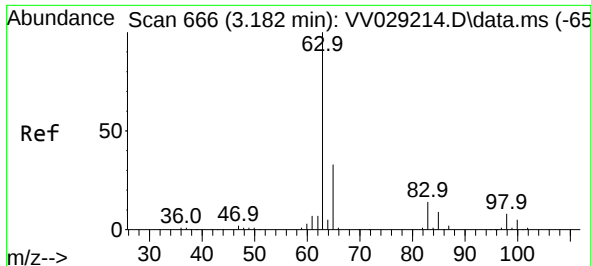
Tgt Ion:101 Resp: 125952
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.3 76.9



#17
 Methyl tert-butyl Ether
 Concen: 4.850 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.003 min
 Lab File: VV029230.D
 Acq: 20 Nov 2022 17:15

Tgt Ion: 73 Resp: 192877
 Ion Ratio Lower Upper
 73 100
 43 17.2 13.0 19.4
 57 21.0 16.6 24.8





#19

1,1-Dichloroethane

Concen: 0.521 ug/L

RT: 3.188 min Scan# 666

Delta R.T. 0.006 min

Lab File: VV029230.D

Acq: 20 Nov 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

BH1L6

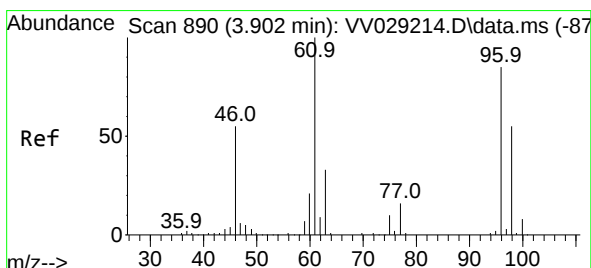
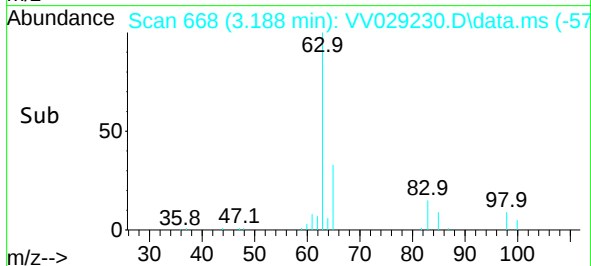
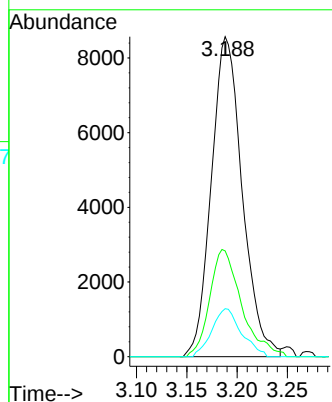
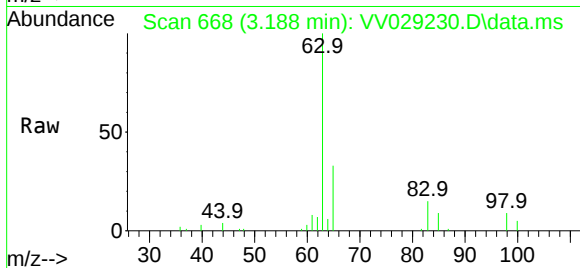
Tgt Ion: 63 Resp: 18322

Ion Ratio Lower Upper

63 100

65 33.0 23.0 42.6

83 15.0 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 0.079 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.013 min

Lab File: VV029230.D

Acq: 20 Nov 2022 17:15

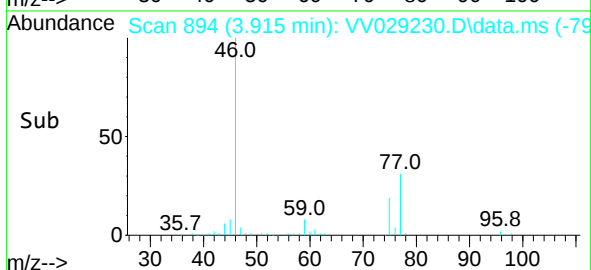
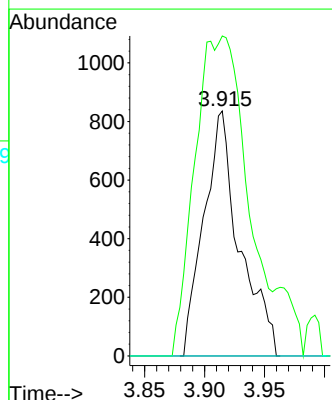
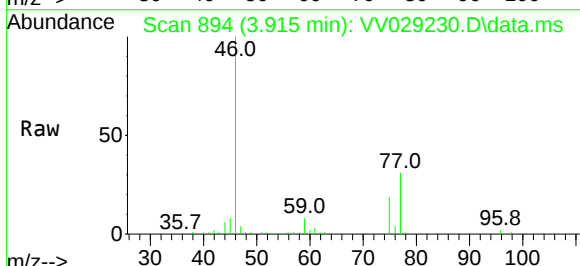
Tgt Ion: 96 Resp: 1731

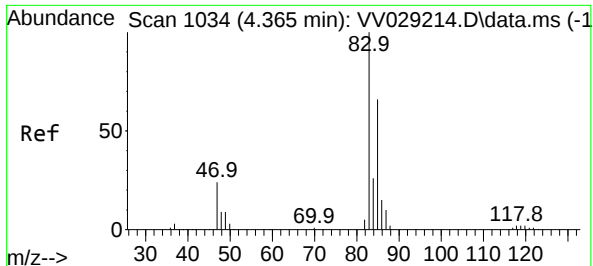
Ion Ratio Lower Upper

96 100

61 130.6 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.459 ug/L

RT: 4.375 min Scan# 1034

Delta R.T. 0.009 min

Lab File: VV029230.D

Acq: 20 Nov 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

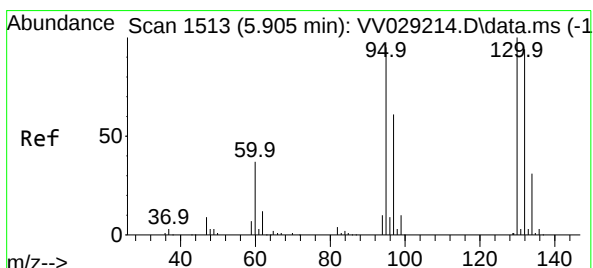
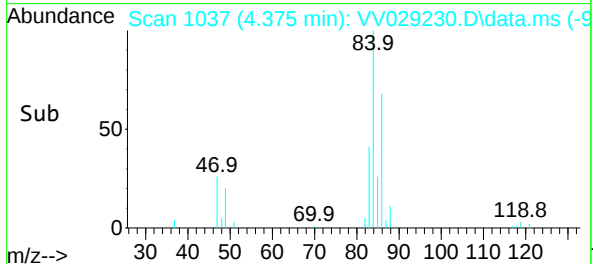
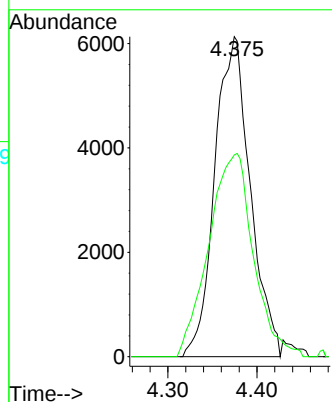
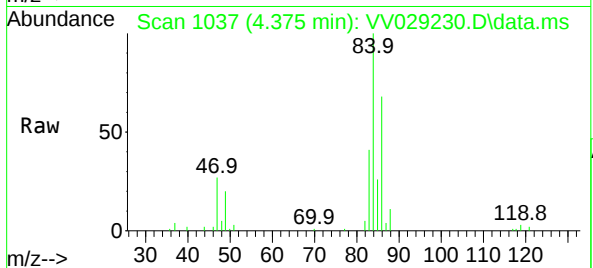
BH1L6

Tgt Ion: 83 Resp: 16918

Ion Ratio Lower Upper

83 100

85 63.0 43.7 81.1



#34

Trichloroethene

Concen: 1.607 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.009 min

Lab File: VV029230.D

Acq: 20 Nov 2022 17:15

Tgt Ion: 95 Resp: 36355

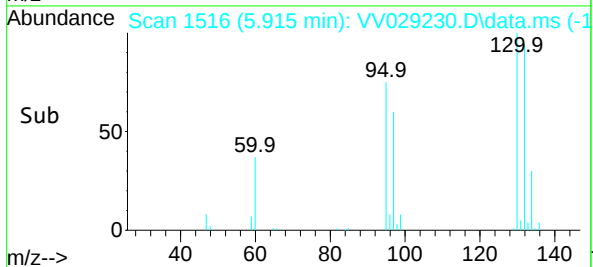
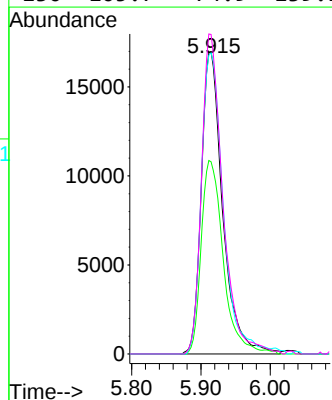
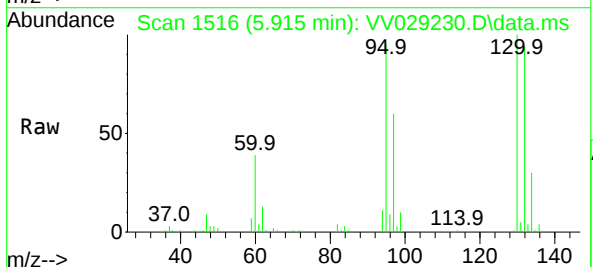
Ion Ratio Lower Upper

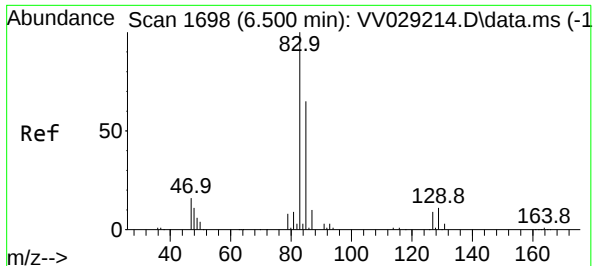
95 100

97 63.6 45.6 84.8

132 99.6 69.1 128.3

130 105.7 74.9 139.1

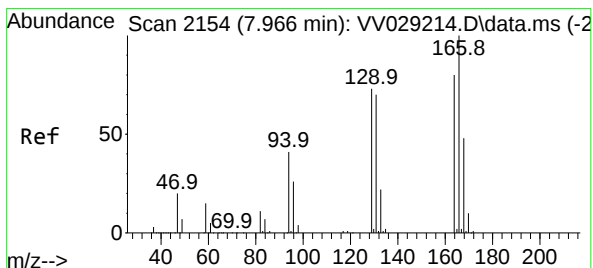
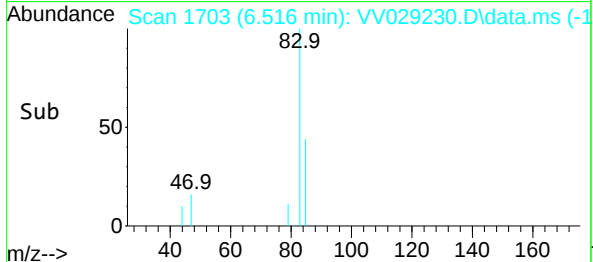
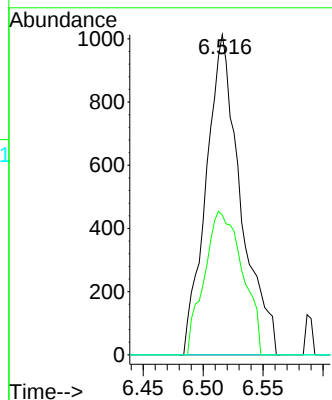
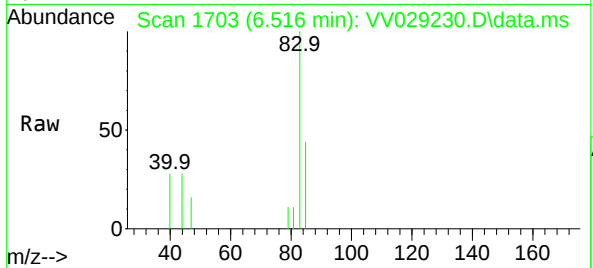




#38
Bromodichloromethane
Concen: 0.079 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV029230.D
Acq: 20 Nov 2022 17:15

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 83 Resp: 2028
Ion Ratio Lower Upper
83 100
85 43.6 46.1 85.5#
127 0.0 6.7 10.1#



#47
Tetrachloroethene
Concen: 0.434 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV029230.D
Acq: 20 Nov 2022 17:15

Tgt Ion: 164 Resp: 7855
Ion Ratio Lower Upper
164 100
129 89.3 63.9 118.7
131 77.6 61.8 114.8
166 116.9 90.2 167.4

