

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029220.D
 Acq On : 20 Nov 2022 13:11
 Operator : SY/MD
 Sample : N5651-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:56:58 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)

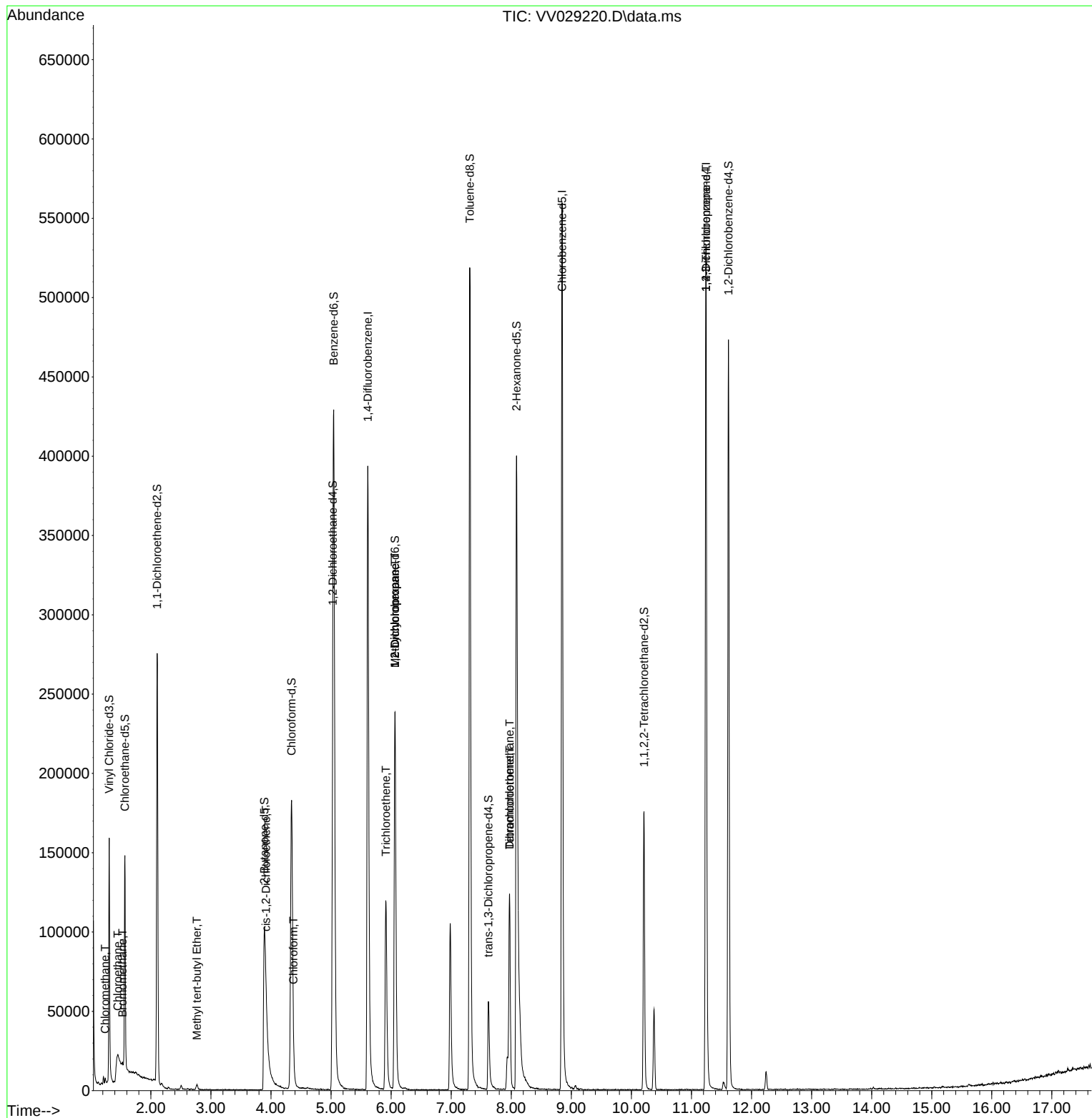
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	373694	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	339014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	154069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	105344	4.624	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.568	69	88537	4.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.105	63	137924	3.322	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	3.889	46	212848	55.812	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.620%	
24) Chloroform-d	4.342	84	200872	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.027	65	91085	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	5.043	84	425555	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	6.063	67	126418	4.474	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.310	98	372364	4.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.619	79	37710	4.092	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.088	63	177471	45.115	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.240%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	89795	4.584	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	135207	4.905	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2696	0.104	ug/L	96
6) Bromomethane	1.526	94	726	0.041	ug/L	99
8) Chloroethane	1.449	64	61662	3.558	ug/L #	53
17) Methyl tert-butyl Ether	2.767	73	3244	0.067	ug/L #	81
22) cis-1,2-Dichloroethene	3.915	96	2562	0.096	ug/L	84
25) Chloroform	4.375	83	3034	0.067	ug/L	85
34) Trichloroethene	5.912	95	44840	1.691	ug/L	99
35) Methylcyclohexane	6.066	83	29812	0.640	ug/L #	25
37) 1,2-Dichloropropane	6.063	63	13010	0.545	ug/L #	85
47) Tetrachloroethene	7.973	164	30541	1.438	ug/L	97
49) Dibromochloromethane	7.973	129	26886	1.422	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	16741	1.590	ug/L #	66

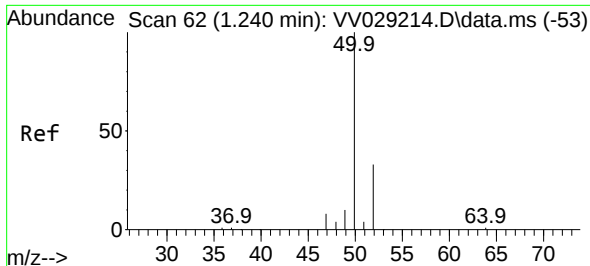
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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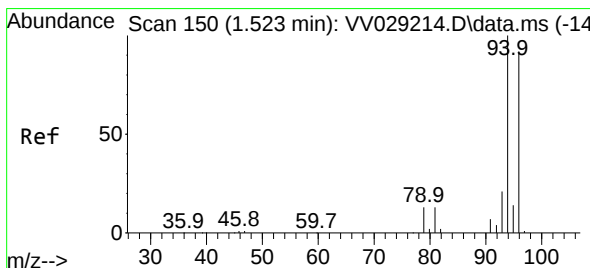
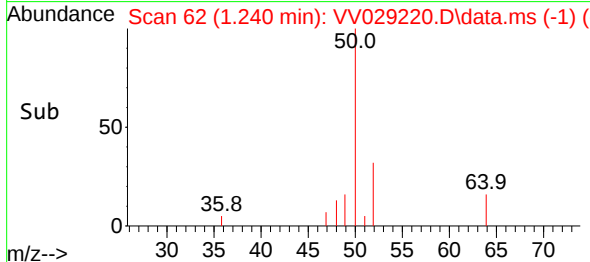
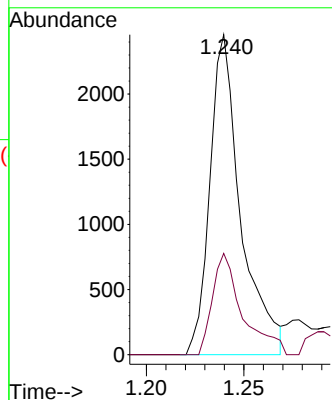
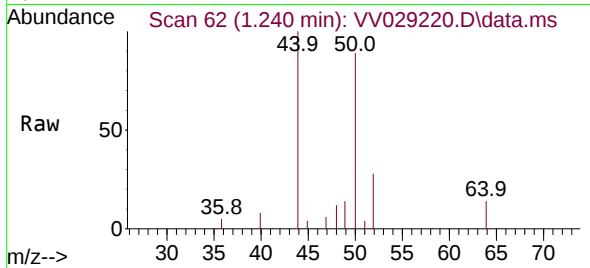




#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

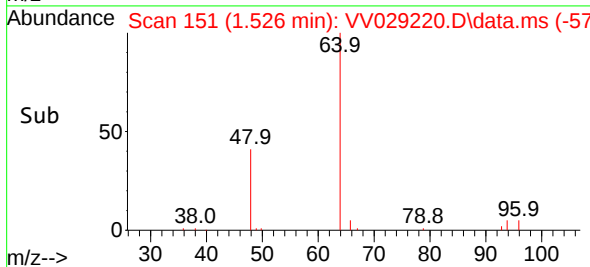
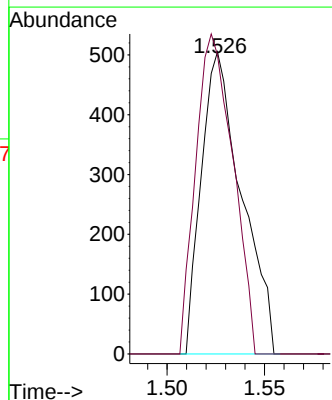
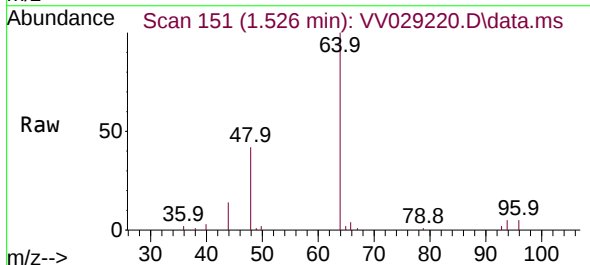
Instrument :
MSVOA_V
ClientSampleId :

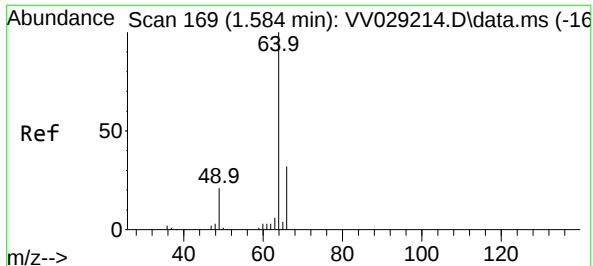
Tgt Ion: 50 Resp: 2696
Ion Ratio Lower Upper
50 100
52 31.6 23.7 43.9



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

Tgt Ion: 94 Resp: 726
Ion Ratio Lower Upper
94 100
96 99.0 68.5 127.3

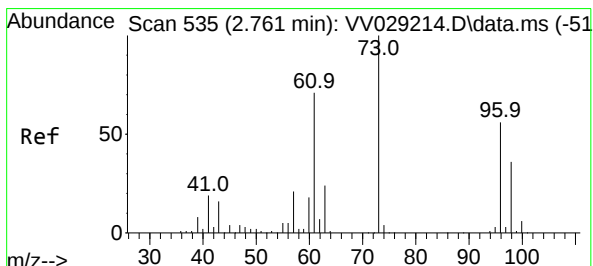
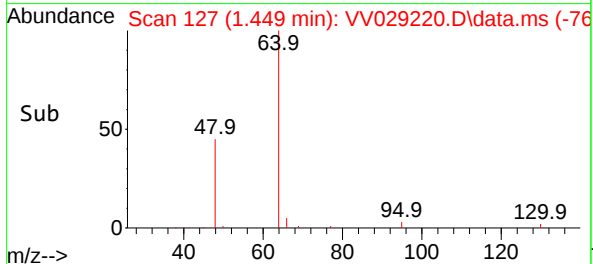
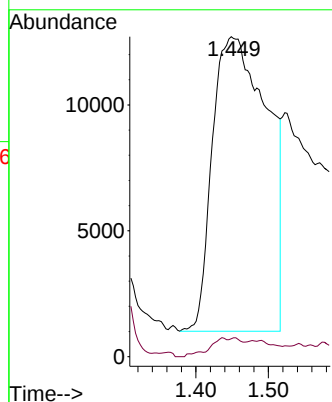
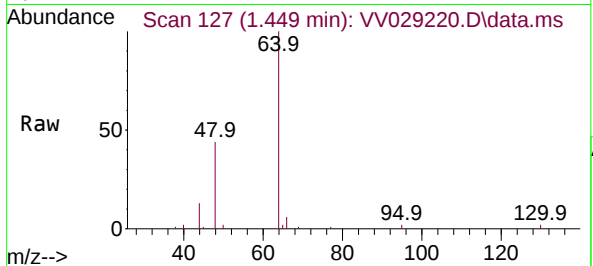




#8
Chloroethane
Concen: 3.558 ug/L
RT: 1.449 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

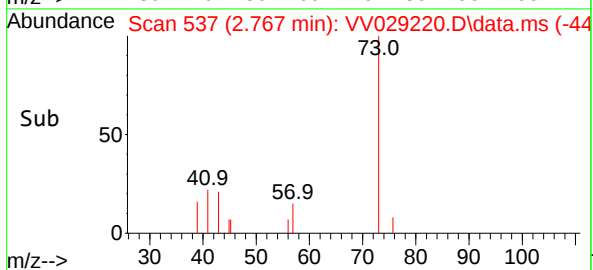
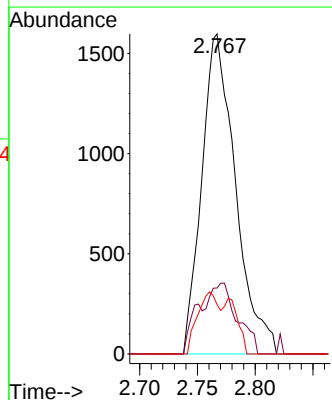
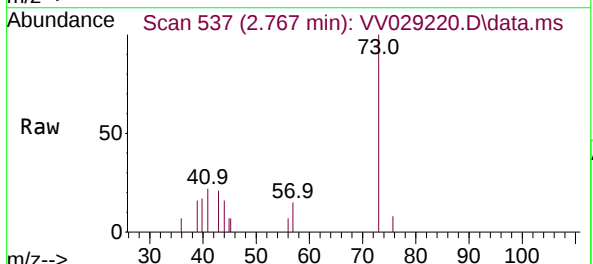
Instrument :
MSVOA_V
ClientSampleId :

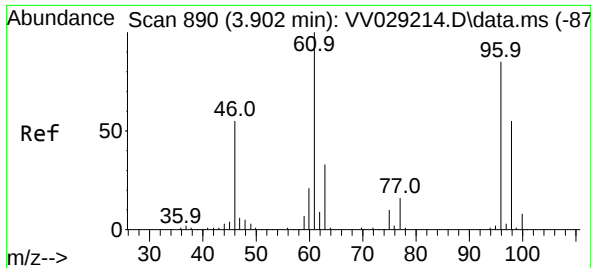
Tgt Ion: 64 Resp: 61662
Ion Ratio Lower Upper
64 100
66 5.6 22.0 40.8#



#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

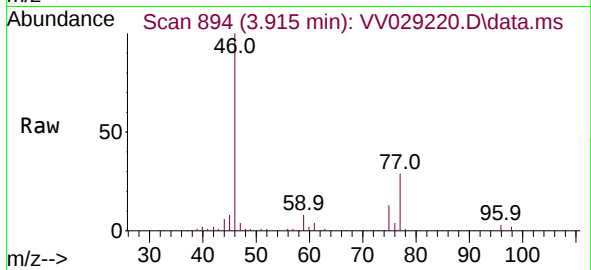
Tgt Ion: 73 Resp: 3244
Ion Ratio Lower Upper
73 100
43 19.1 13.0 19.4
57 7.3 16.6 24.8#



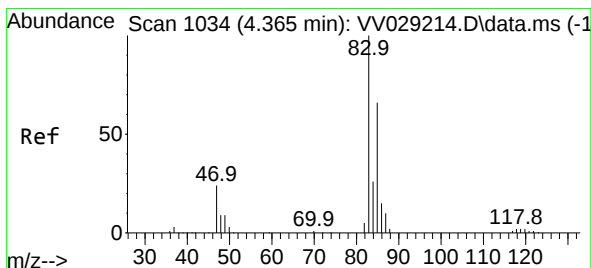
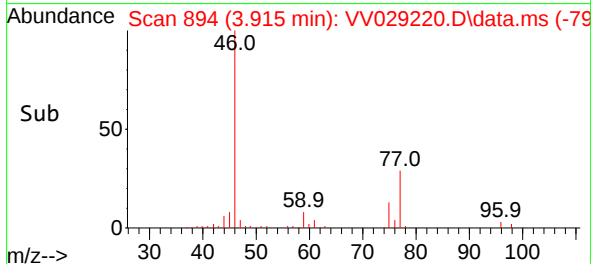
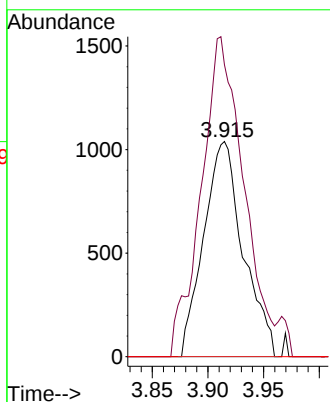


#22
 cis-1,2-Dichloroethene
 Concen: 0.096 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.013 min
 Lab File: VV029220.D
 Acq: 20 Nov 2022 13:11

Instrument :
 MSVOA_V
 ClientSampleId :

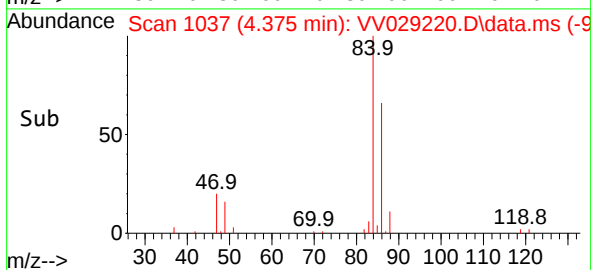
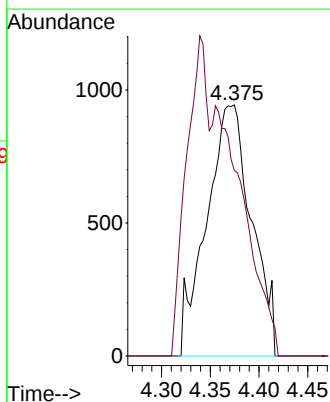
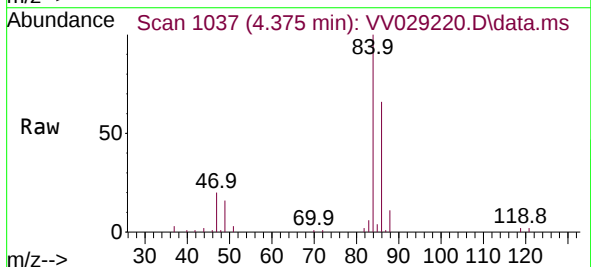


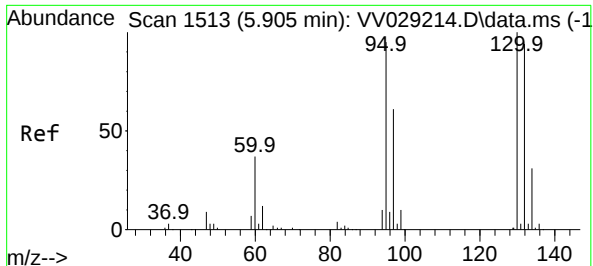
Tgt Ion: 96 Resp: 2562
 Ion Ratio Lower Upper
 96 100
 61 135.7 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.067 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.010 min
 Lab File: VV029220.D
 Acq: 20 Nov 2022 13:11

Tgt Ion: 83 Resp: 3034
 Ion Ratio Lower Upper
 83 100
 85 73.8 43.7 81.1

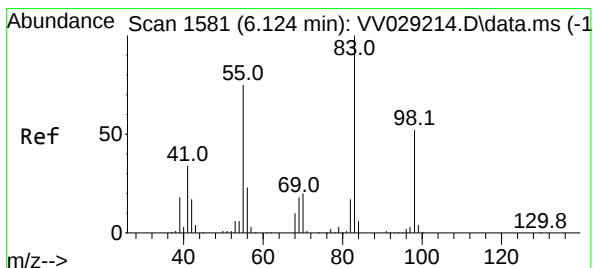
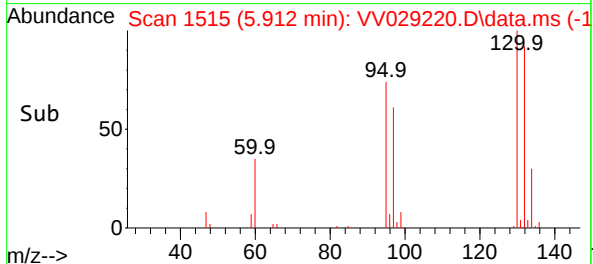
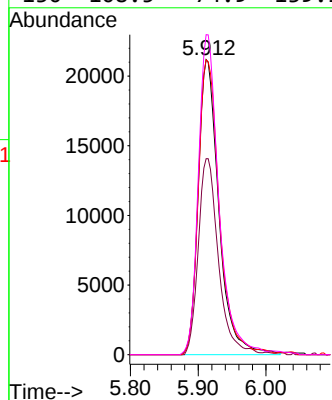
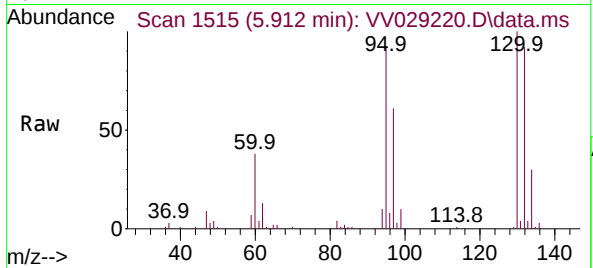




#34
Trichloroethene
Concen: 1.691 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

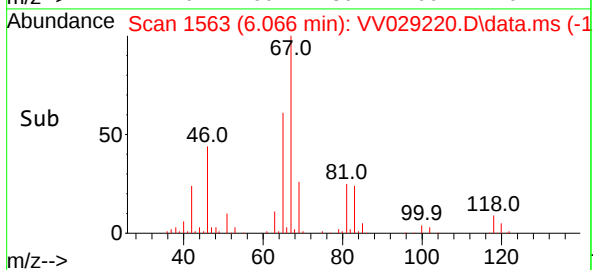
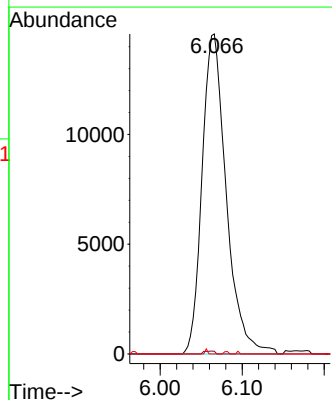
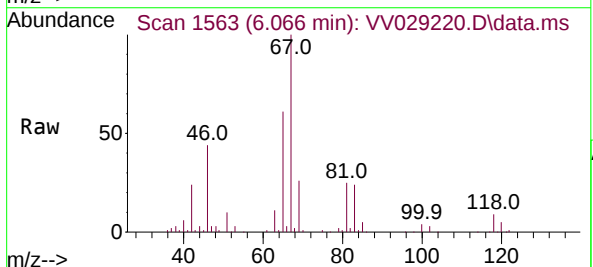
Instrument :
MSVOA_V
ClientSampleId :

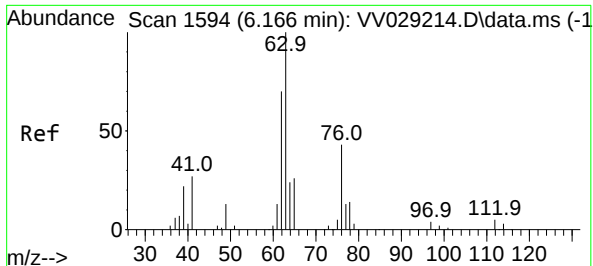
Tgt Ion: 95 Resp: 44840
Ion Ratio Lower Upper
95 100
97 66.4 45.6 84.8
132 99.9 69.1 128.3
130 108.5 74.9 139.1



#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

Tgt Ion: 83 Resp: 29812
Ion Ratio Lower Upper
83 100
55 0.4 55.8 83.6#
98 7.5 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029220.D

Acq: 20 Nov 2022 13:11

Instrument :

MSVOA_V

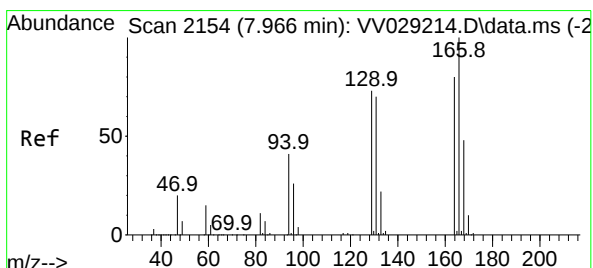
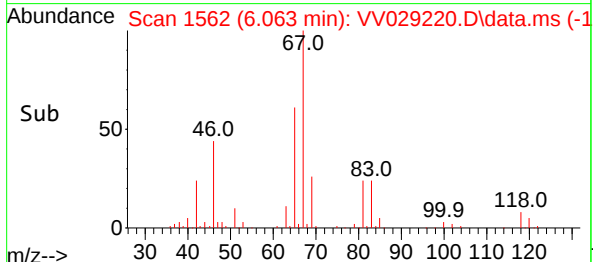
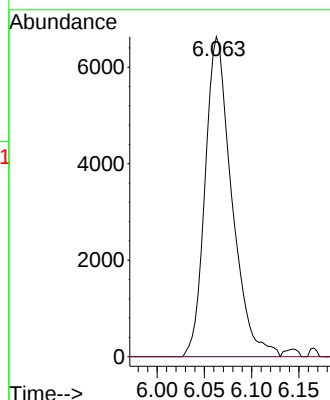
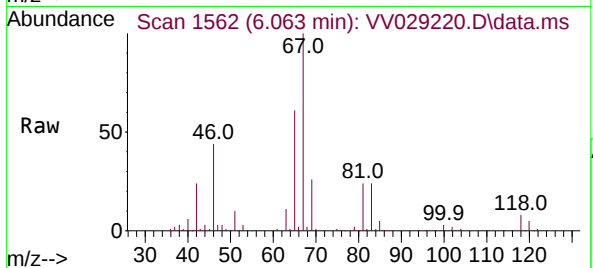
ClientSampleId :

Tgt Ion: 63 Resp: 13010

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#47

Tetrachloroethene

Concen: 1.438 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV029220.D

Acq: 20 Nov 2022 13:11

Tgt Ion:164 Resp: 30541

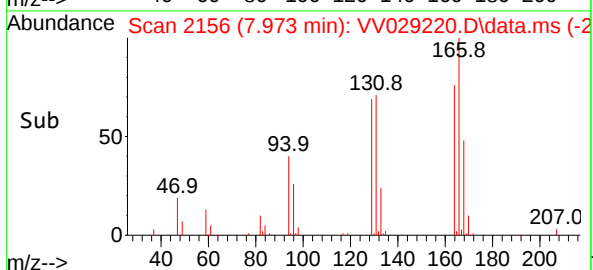
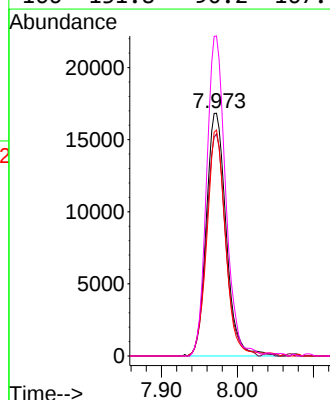
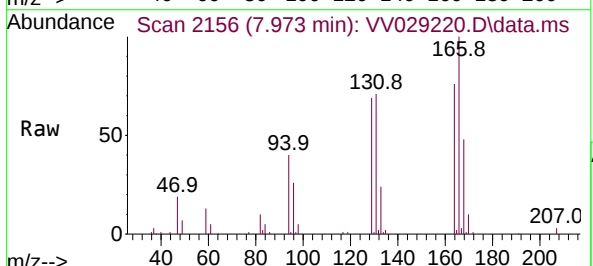
Ion Ratio Lower Upper

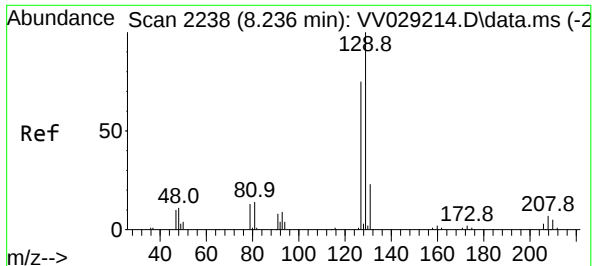
164 100

129 91.5 63.9 118.7

131 93.1 61.8 114.8

166 131.8 90.2 167.4





#49

Dibromochloromethane

Concen: 1.422 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.264 min

Lab File: VV029220.D

Acq: 20 Nov 2022 13:11

Instrument :

MSVOA_V

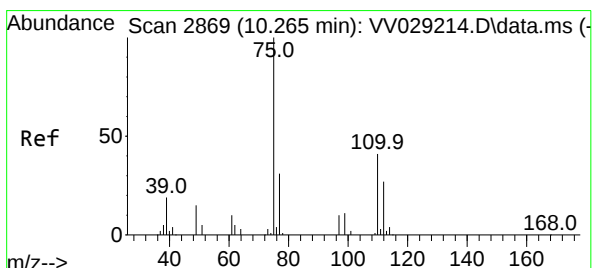
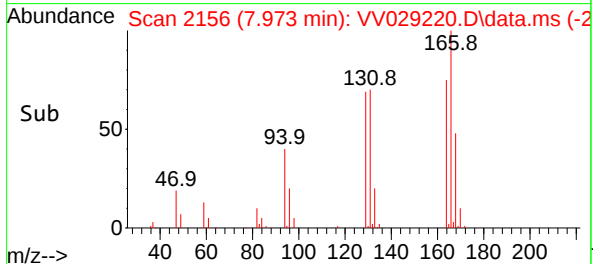
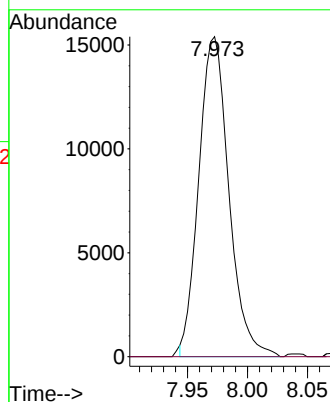
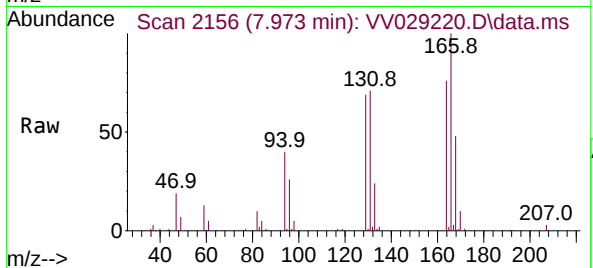
ClientSampleId :

Tgt Ion:129 Resp: 26886

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.590 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV029220.D

Acq: 20 Nov 2022 13:11

Tgt Ion: 75 Resp: 16741

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 2.8 32.6 48.8#

