

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027820.D
 Acq On : 14 Sep 2022 11:29
 Operator : SY/MD
 Sample : N4546-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG6H3

Quant Time: Sep 15 02:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

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

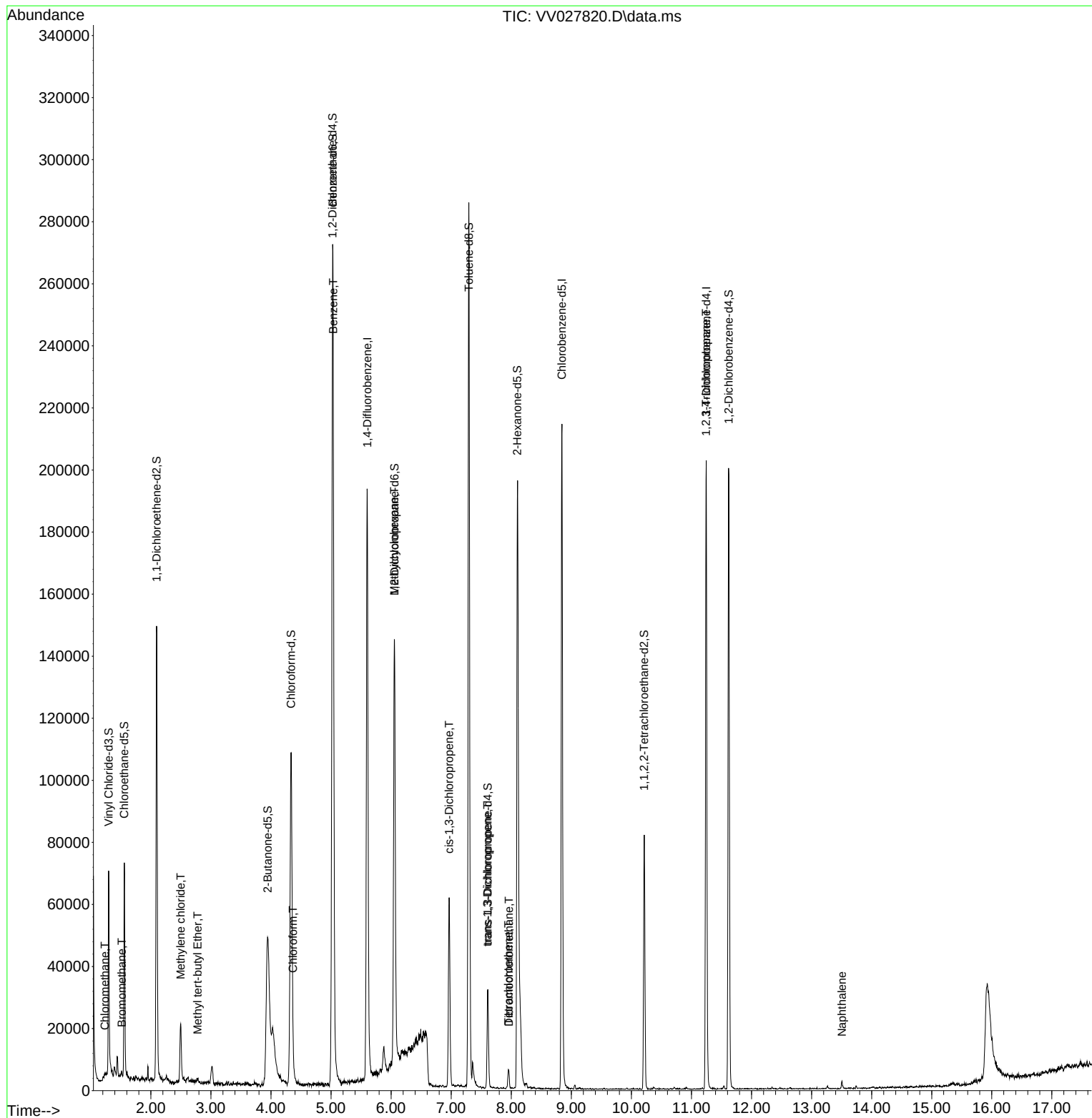
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	155942	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.844	117	120736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	46972	4.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.558	69	44049	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.095	63	77463	3.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.944	46	112338	49.313	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.620%
24) Chloroform-d	4.333	84	107596	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.024	65	62642	5.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
32) Benzene-d6	5.030	84	215986	6.166	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.400%
36) 1,2-Dichloropropane-d6	6.056	67	59236	5.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.600%
41) Toluene-d8	7.294	98	186922	6.346	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.000%
43) trans-1,3-Dichloroprop...	7.609	79	17427	5.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.101	63	63126	49.362	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	35840	5.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	55101	5.992	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	775	0.056	ug/L #	71
6) Bromomethane	1.516	94	521	0.069	ug/L	91
16) Methylene chloride	2.497	84	8160	0.613	ug/L	92
17) Methyl tert-butyl Ether	2.780	73	841	0.034	ug/L	94
25) Chloroform	4.365	83	2901	0.128	ug/L	97
33) Benzene	5.037	78	1985	0.050	ug/L	100
35) Methylcyclohexane	6.053	83	17515	1.143	ug/L #	19
39) cis-1,3-Dichloropropene	6.966	75	1642	0.137	ug/L #	52
44) trans-1,3-Dichloropropene	7.606	75	881	0.088	ug/L #	71
47) Tetrachloroethene	7.953	164	1407	0.176	ug/L	88
49) Dibromochloromethane	7.960	129	863	0.111	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	5532	1.248	ug/L #	60
71) Naphthalene	13.506	128	2123	0.127	ug/L #	85

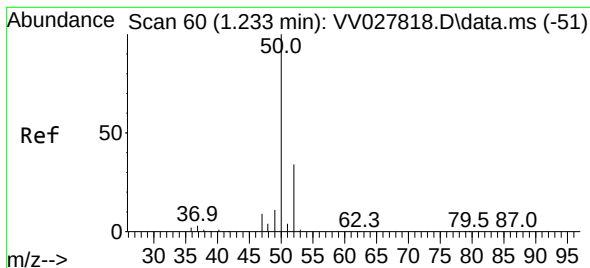
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
Data File : VV027820.D
Acq On : 14 Sep 2022 11:29
Operator : SY/MD
Sample : N4546-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG6H3

Quant Time: Sep 15 02:49:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 15 02:47:38 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.056 ug/L

RT: 1.233 min Scan# 60

Delta R.T. -0.007 min

Lab File: VV027820.D

Acq: 14 Sep 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

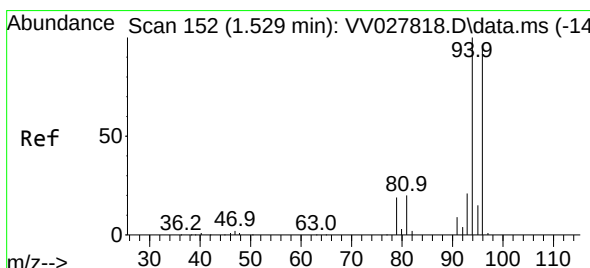
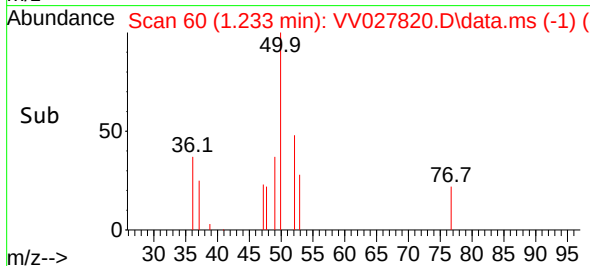
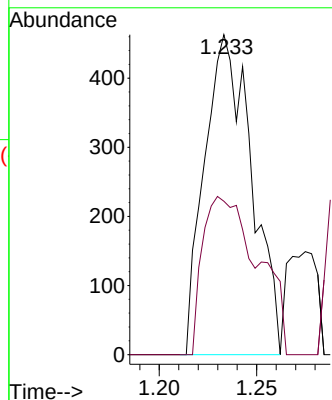
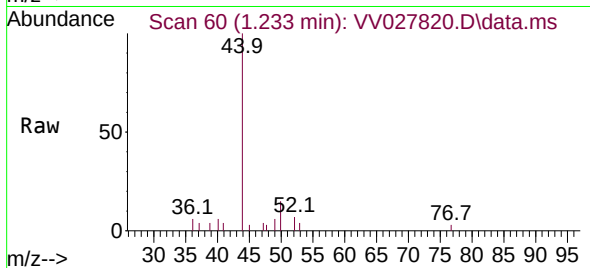
BG6H3

Tgt Ion: 50 Resp: 775

Ion Ratio Lower Upper

50 100

52 47.9 22.1 41.1#



#6

Bromomethane

Concen: 0.069 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.003 min

Lab File: VV027820.D

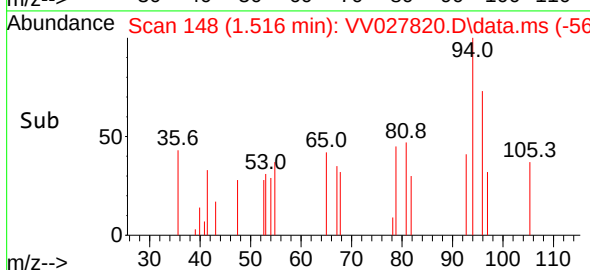
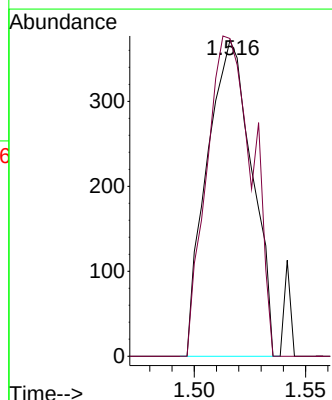
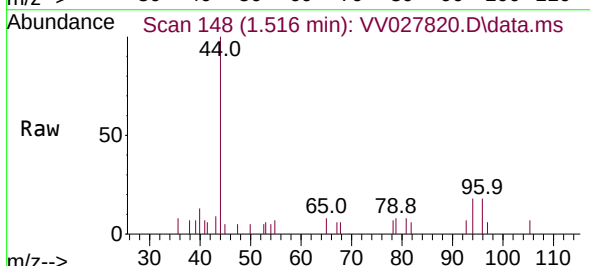
Acq: 14 Sep 2022 11:29

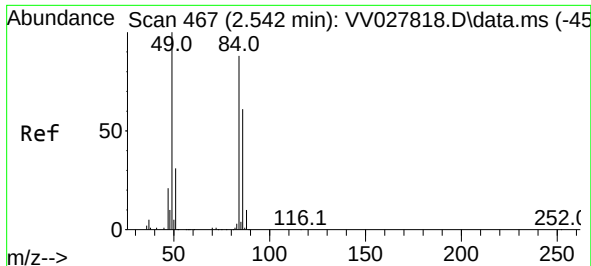
Tgt Ion: 94 Resp: 521

Ion Ratio Lower Upper

94 100

96 100.5 64.2 119.2

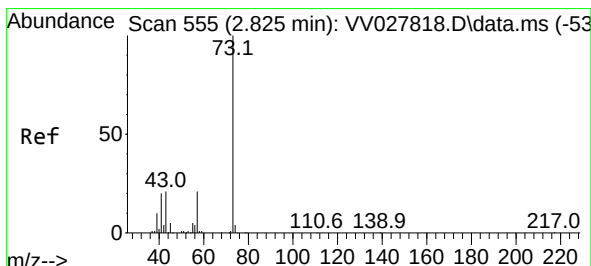
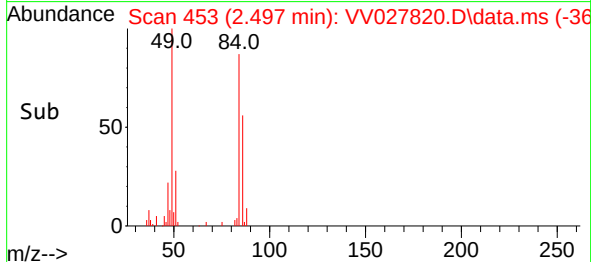
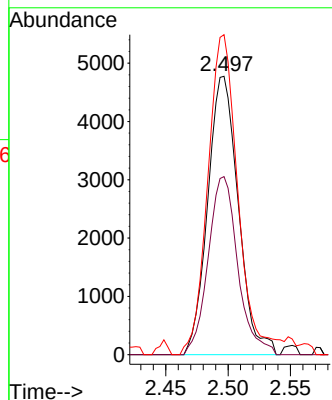
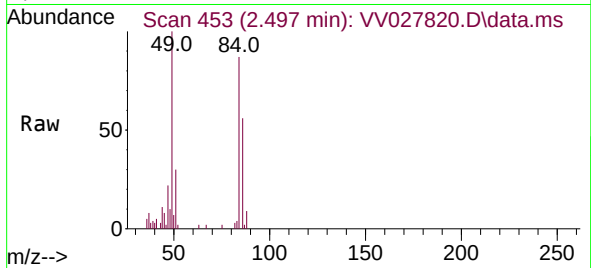




#16
Methylene chloride
Concen: 0.613 ug/L
RT: 2.497 min Scan# 411
Delta R.T. -0.007 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

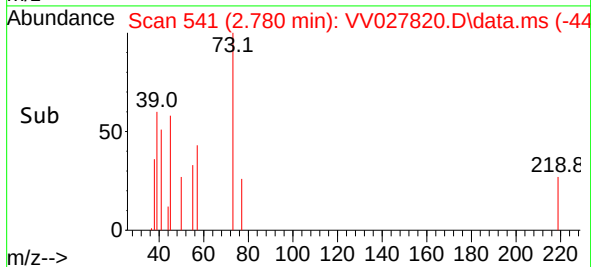
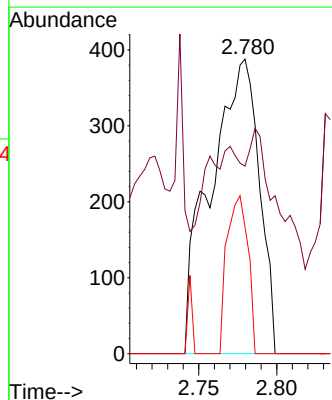
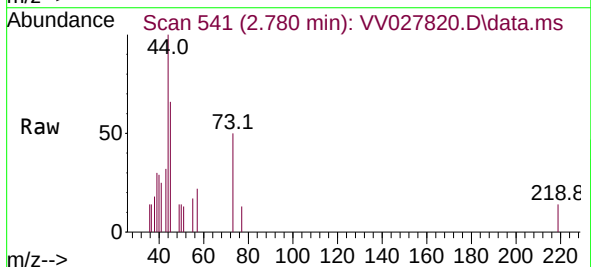
Instrument :
MSVOA_V
ClientSampleId :
BG6H3

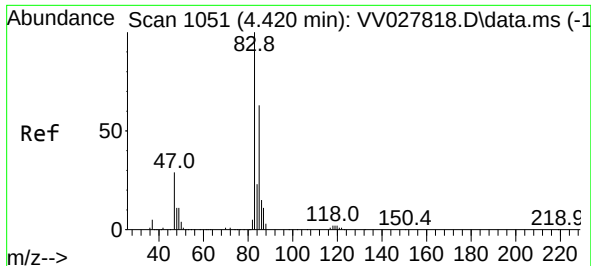
Tgt Ion: 84 Resp: 8160
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.3
49 114.9 90.1 167.3



#17
Methyl tert-butyl Ether
Concen: 0.034 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

Tgt Ion: 73 Resp: 841
Ion Ratio Lower Upper
73 100
43 25.8 17.5 26.3
57 23.1 16.9 25.3

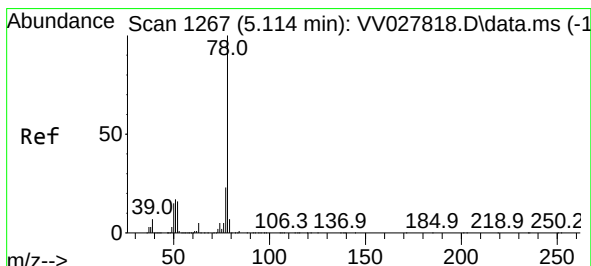
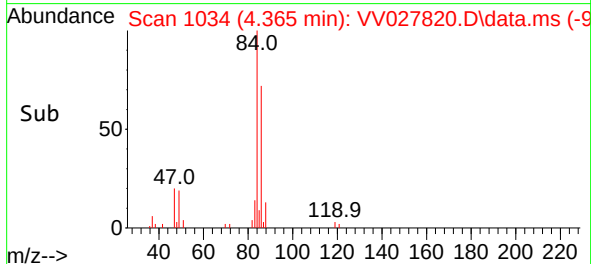
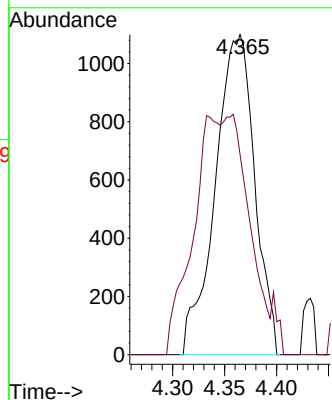
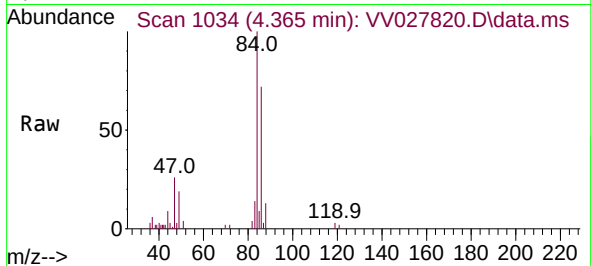




#25
Chloroform
Concen: 0.128 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

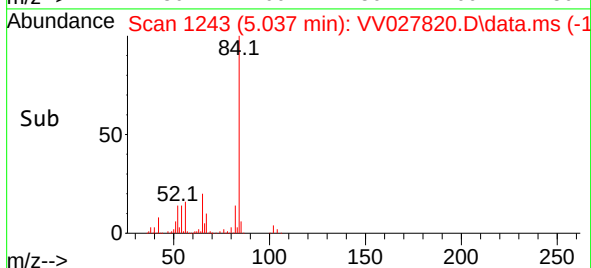
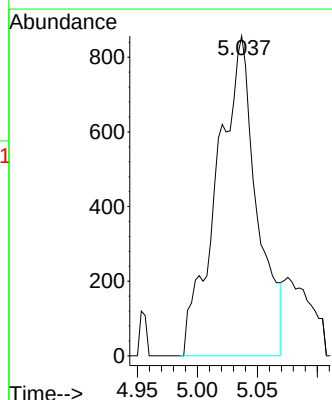
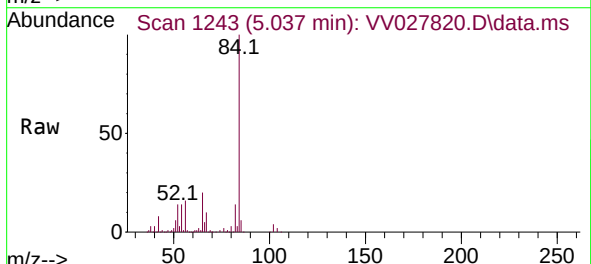
Instrument :
MSVOA_V
ClientSampleId :
BG6H3

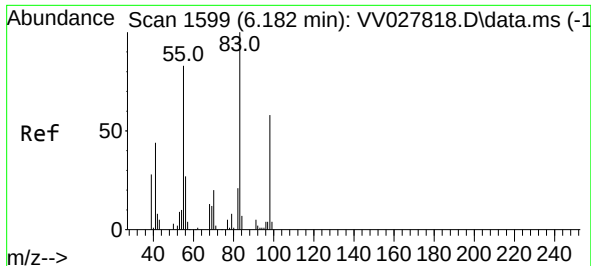
Tgt Ion: 83 Resp: 2901
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.2



#33
Benzene
Concen: 0.050 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.055 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

Tgt Ion: 78 Resp: 1985

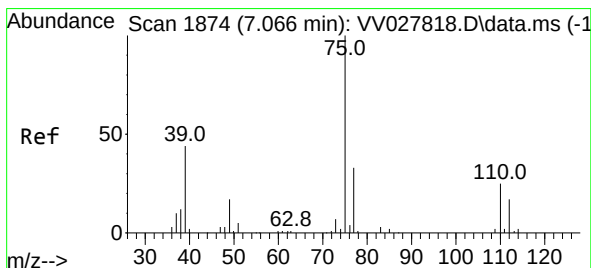
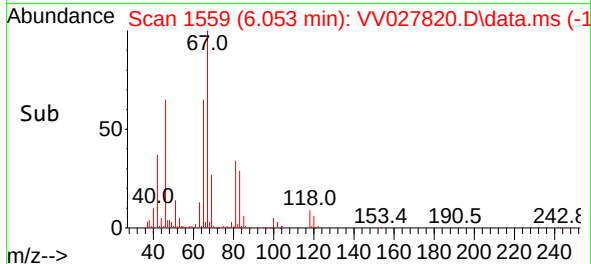
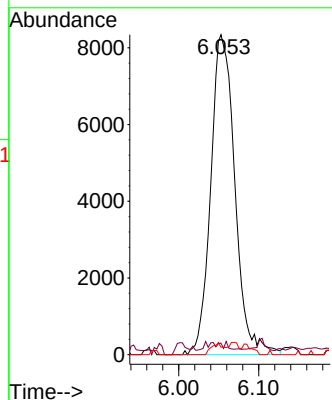
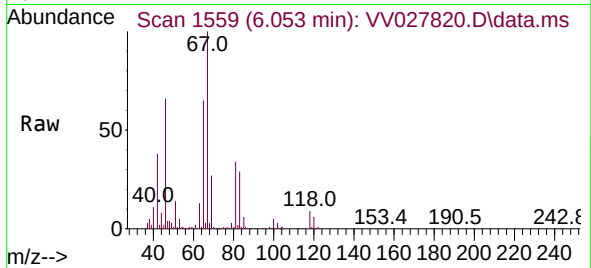




#35
Methylcyclohexane
Concen: 1.143 ug/L
RT: 6.053 min Scan# 11
Delta R.T. -0.071 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

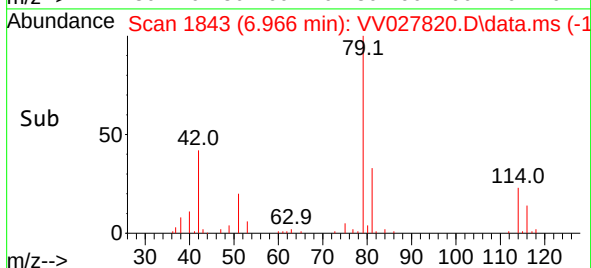
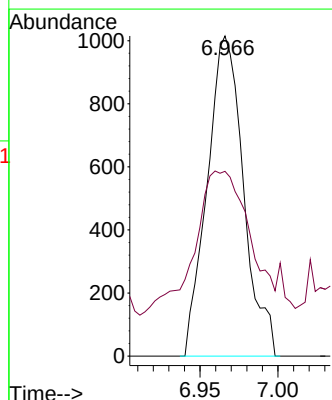
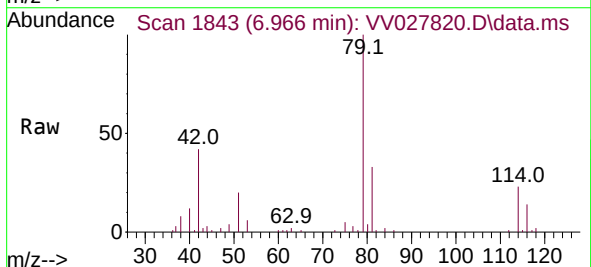
Instrument :
MSVOA_V
ClientSampleId :
BG6H3

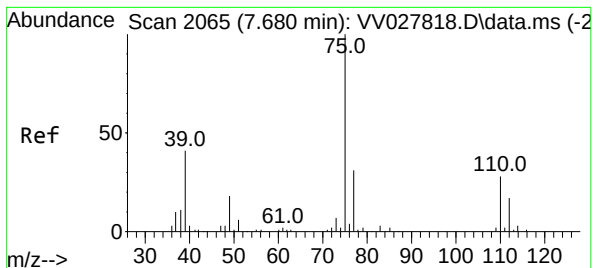
Tgt Ion: 83 Resp: 17515
Ion Ratio Lower Upper
83 100
55 0.3 61.9 92.9#
98 1.8 37.5 56.3#



#39
cis-1,3-Dichloropropene
Concen: 0.137 ug/L
RT: 6.966 min Scan# 1843
Delta R.T. -0.058 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

Tgt Ion: 75 Resp: 1642
Ion Ratio Lower Upper
75 100
77 57.7 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.606 min Scan# 2065

Delta R.T. -0.042 min

Lab File: VV027820.D

Acq: 14 Sep 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

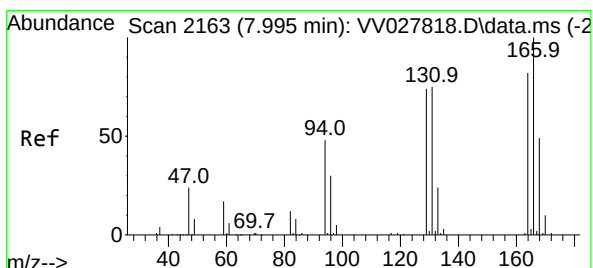
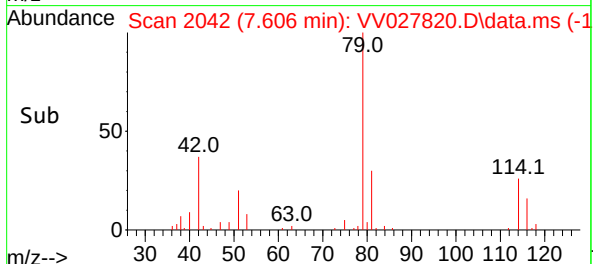
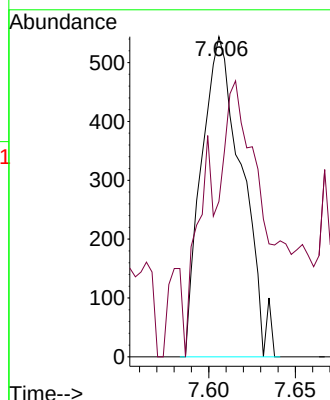
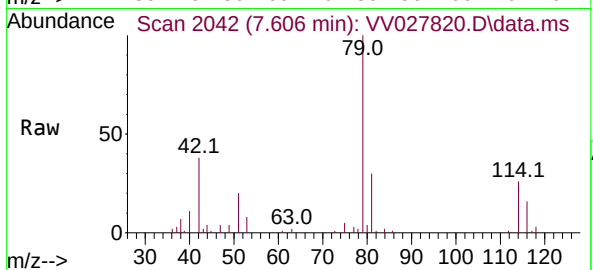
BG6H3

Tgt Ion: 75 Resp: 881

Ion Ratio Lower Upper

75 100

77 48.5 22.6 42.0#



#47

Tetrachloroethene

Concen: 0.176 ug/L

RT: 7.953 min Scan# 2150

Delta R.T. -0.020 min

Lab File: VV027820.D

Acq: 14 Sep 2022 11:29

Tgt Ion: 164 Resp: 1407

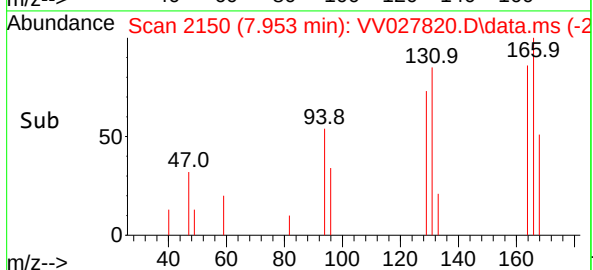
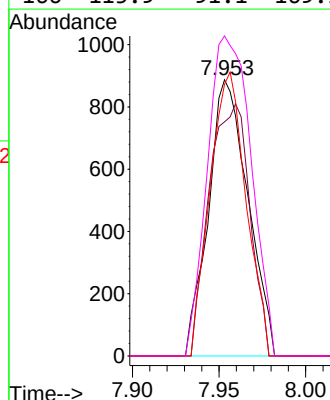
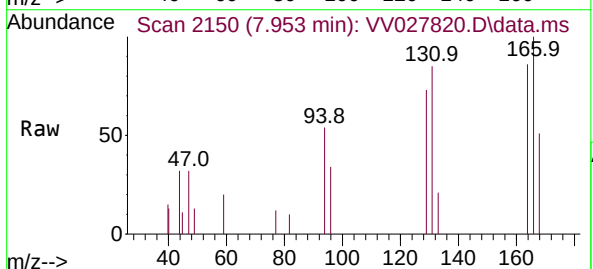
Ion Ratio Lower Upper

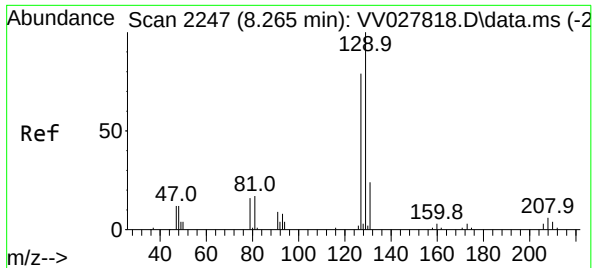
164 100

129 84.8 67.2 124.8

131 98.4 61.5 114.3

166 115.9 91.1 169.3

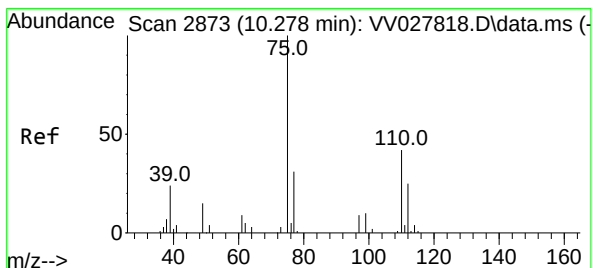
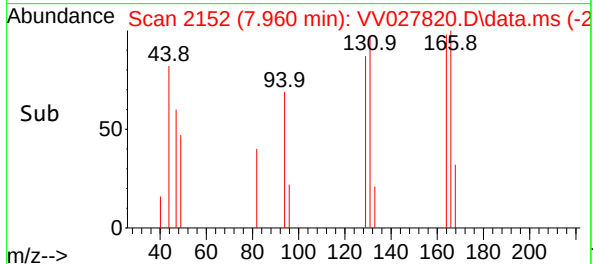
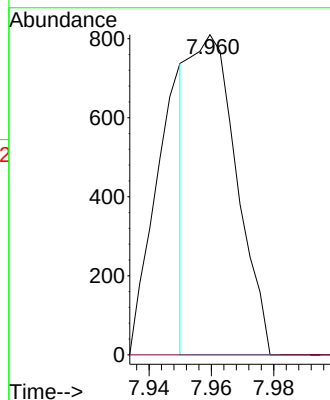
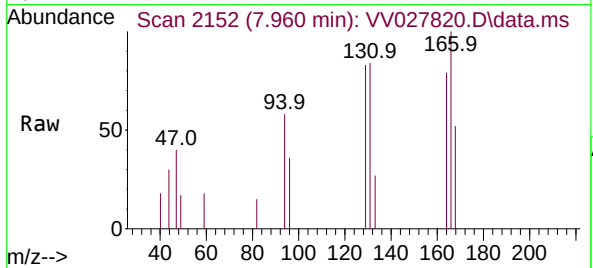




#49
Dibromochloromethane
Concen: 0.111 ug/L
RT: 7.960 min Scan# 2152
Delta R.T. -0.283 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

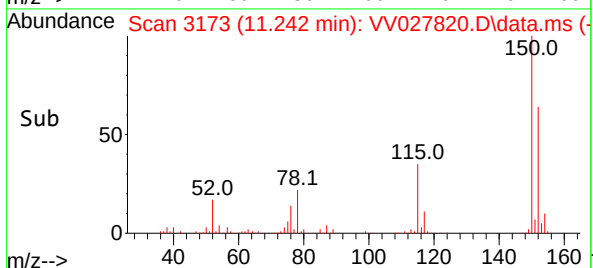
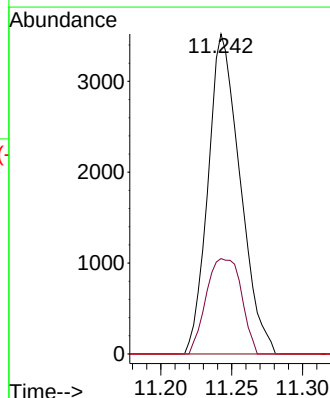
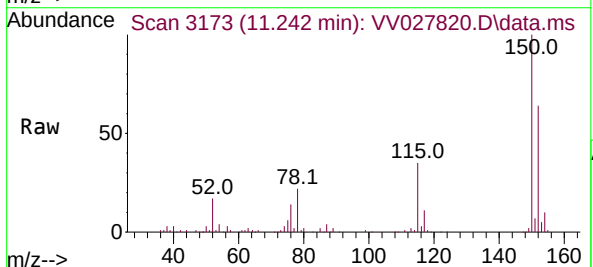
Instrument :
MSVOA_V
ClientSampleId :
BG6H3

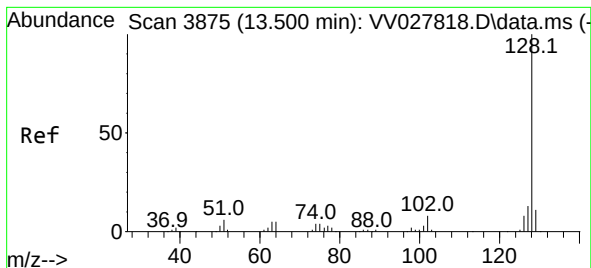
Tgt Ion:129 Resp: 863
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#



#61
1,2,3-Trichloropropane
Concen: 1.248 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV027820.D
Acq: 14 Sep 2022 11:29

Tgt Ion: 75 Resp: 5532
Ion Ratio Lower Upper
75 100
77 32.6 27.6 41.4
110 0.0 35.6 53.4#





#71

Naphthalene

Concen: 0.127 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV027820.D

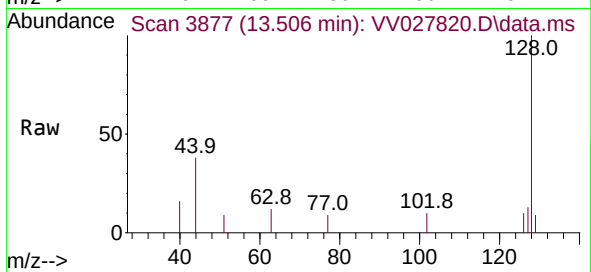
Acq: 14 Sep 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

BG6H3



Tgt Ion:128 Resp: 2123

Ion Ratio Lower Upper

128 100

129 7.4 9.2 13.8#

127 5.5 10.6 16.0#

