

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
 Data File : VV028594.D
 Acq On : 17 Oct 2022 17:20
 Operator : SY/MD
 Sample : N5060-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C1BG6

Quant Time: Oct 18 01:25:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

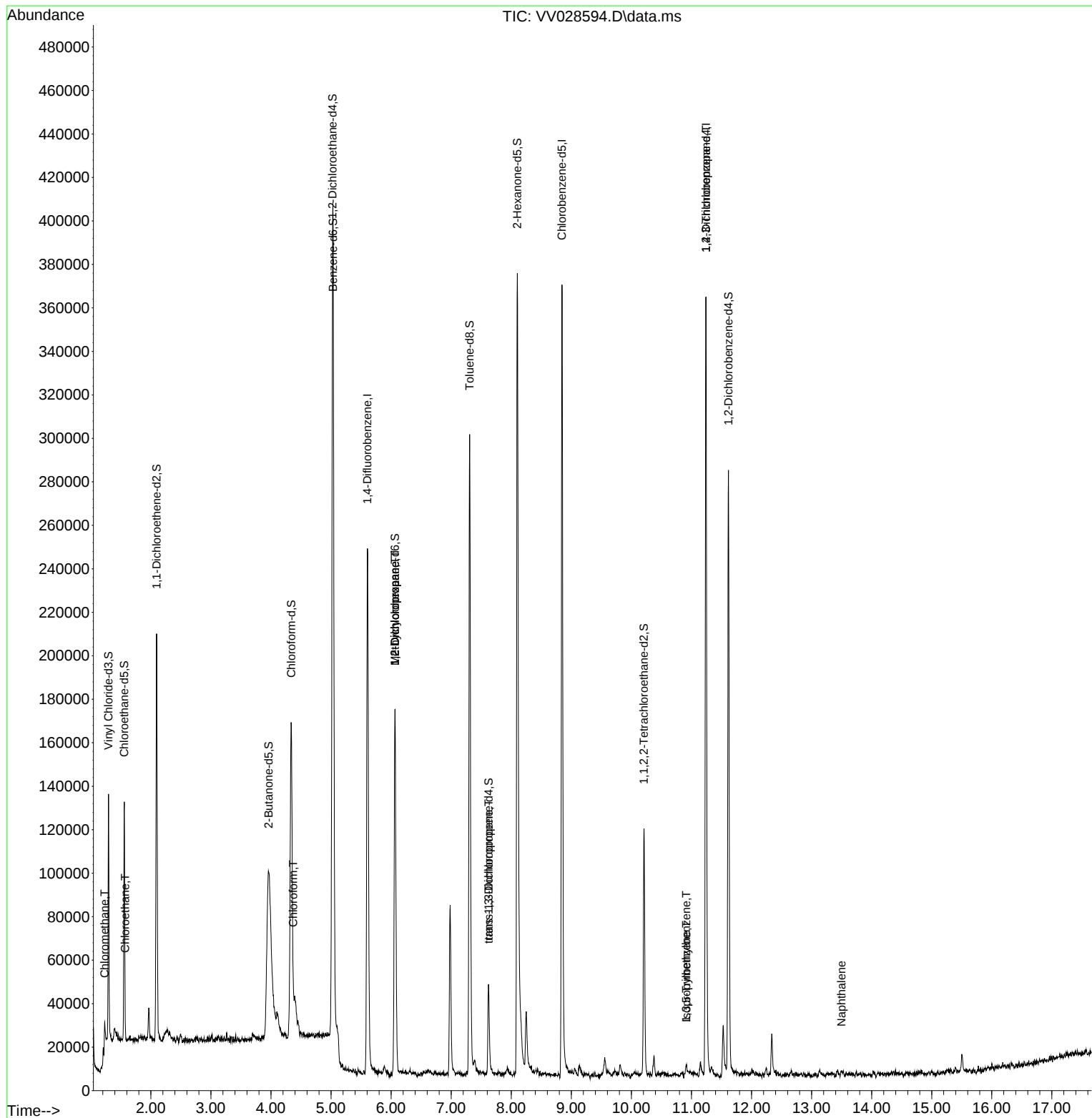
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	196018	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	182356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	85525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	71330	4.228	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.558	69	68725	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.095	63	102410	3.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.960	46	280265	77.280	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.560%#
24) Chloroform-d	4.336	84	142244	5.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	5.024	65	81149	6.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
32) Benzene-d6	5.034	84	287517	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.063	67	81303	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.307	98	191160	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.622	79	24513	3.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.101	63	138606	50.028	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	55901	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	65324	4.629	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	7972	0.430	ug/L	97
8) Chloroethane	1.571	64	1240	0.106	ug/L	99
25) Chloroform	4.368	83	4199	0.155	ug/L	83
35) Methylcyclohexane	6.063	83	17214	0.672	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8999	0.549	ug/L #	88
44) trans-1,3-Dichloropropene	7.625	75	1312	0.078	ug/L #	48
60) Isopropylbenzene	10.911	105	1945	0.031	ug/L #	68
61) 1,2,3-Trichloropropane	11.243	75	13185	1.725	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.911	105	1945	0.104	ug/L	99
71) Naphthalene	13.500	128	1185	0.054	ug/L #	87

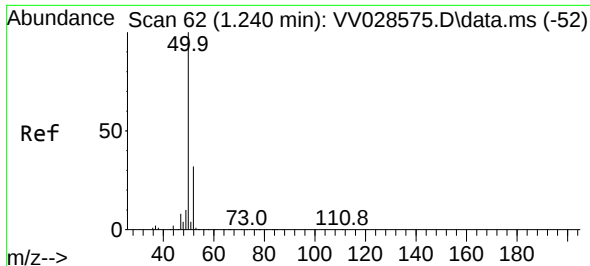
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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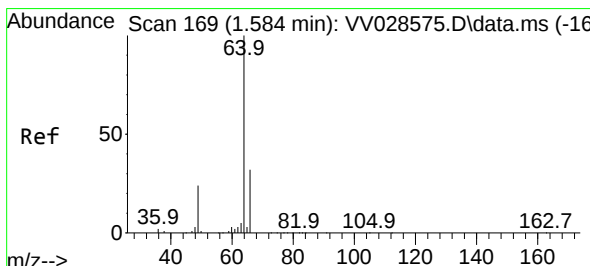
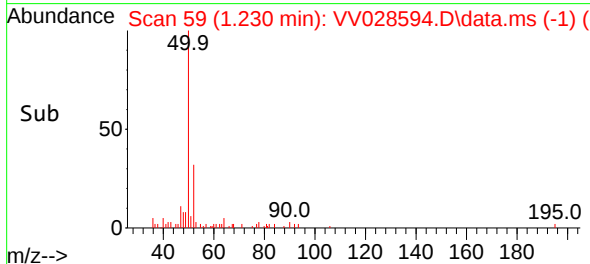
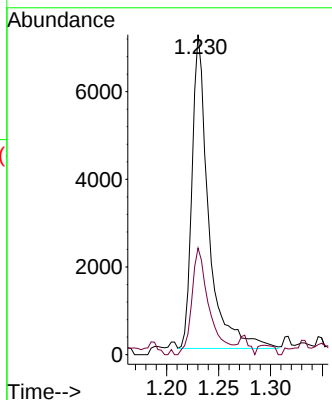
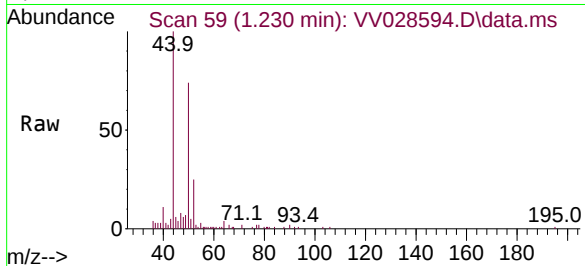




#3
Chloromethane
Concen: 0.430 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.009 min
Lab File: VV028594.D
Acq: 17 Oct 2022 17:20

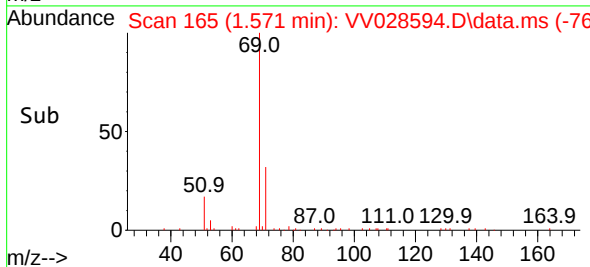
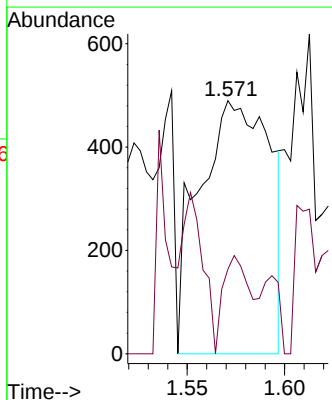
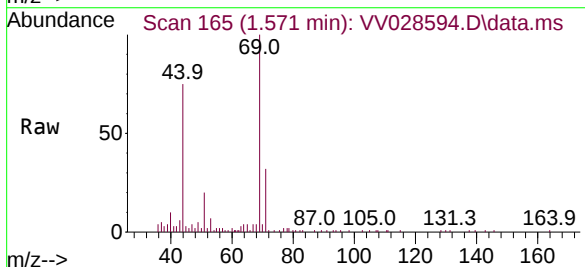
Instrument :
MSVOA_V
ClientSampleId :
C1BG6

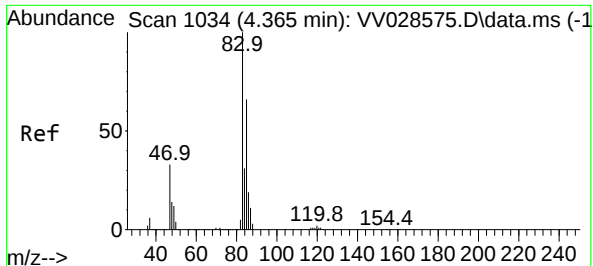
Tgt Ion: 50 Resp: 7972
Ion Ratio Lower Upper
50 100
52 33.4 22.0 41.0



#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.571 min Scan# 165
Delta R.T. -0.013 min
Lab File: VV028594.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 64 Resp: 1240
Ion Ratio Lower Upper
64 100
66 33.5 23.0 42.8





#25

Chloroform

Concen: 0.155 ug/L

RT: 4.368 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV028594.D

Acq: 17 Oct 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

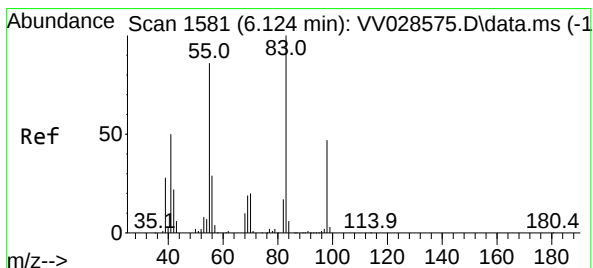
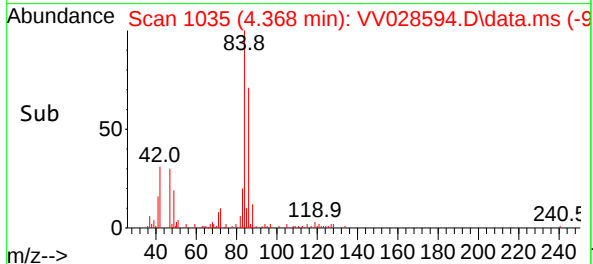
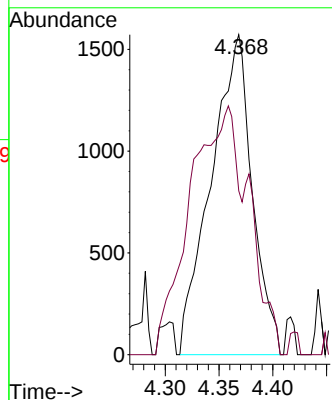
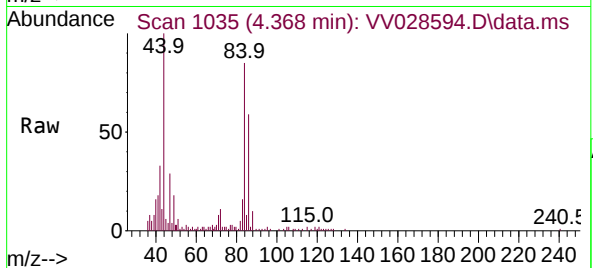
C1BG6

Tgt Ion: 83 Resp: 4199

Ion Ratio Lower Upper

83 100

85 51.2 45.1 83.9



#35

Methylcyclohexane

Concen: 0.672 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028594.D

Acq: 17 Oct 2022 17:20

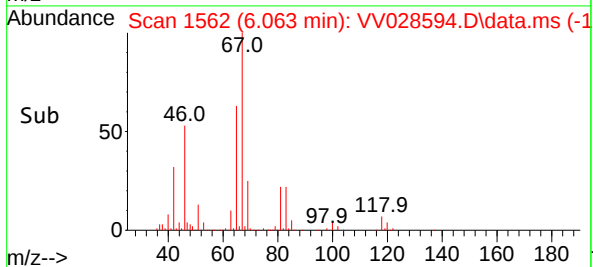
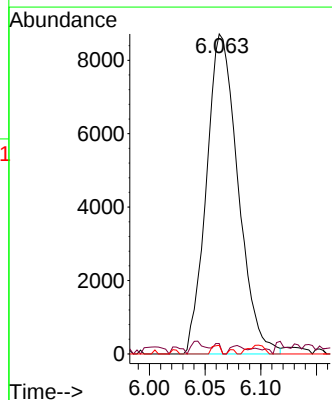
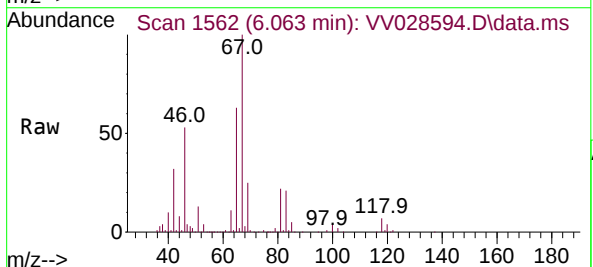
Tgt Ion: 83 Resp: 17214

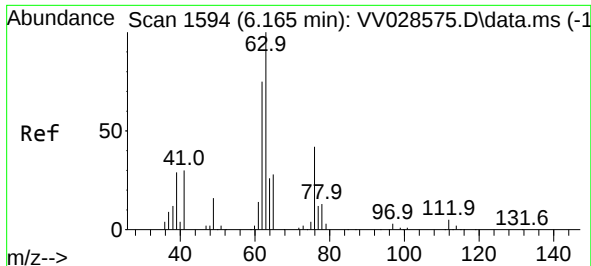
Ion Ratio Lower Upper

83 100

55 0.6 65.0 97.6#

98 0.7 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV028594.D

Acq: 17 Oct 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

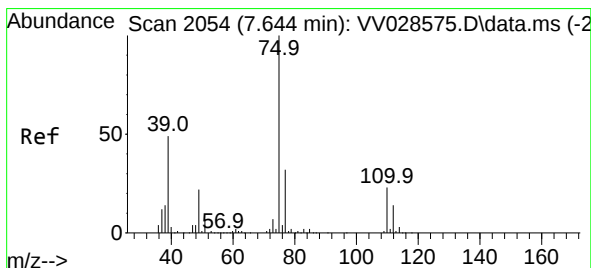
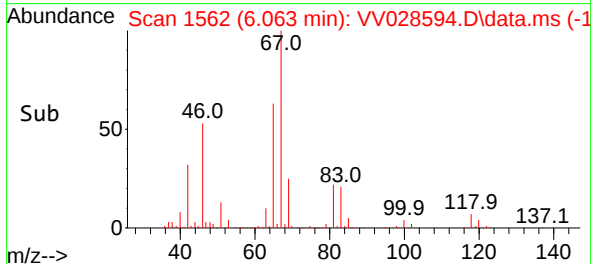
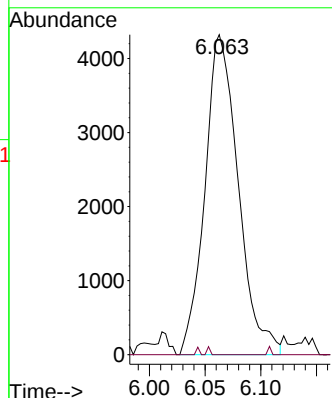
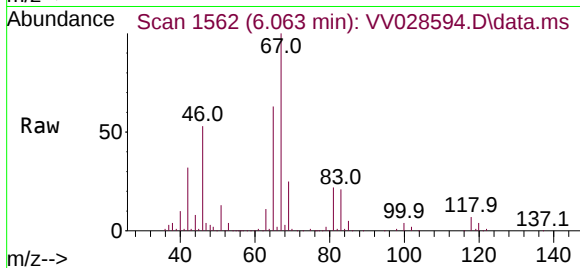
C1BG6

Tgt Ion: 63 Resp: 8999

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.019 min

Lab File: VV028594.D

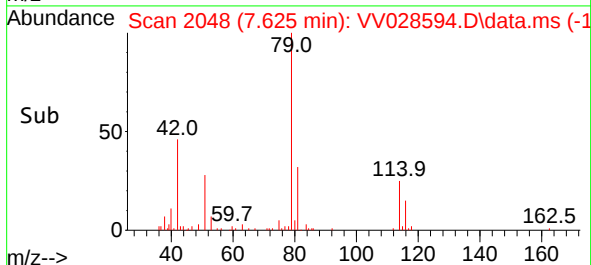
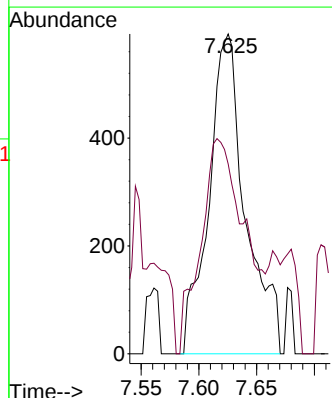
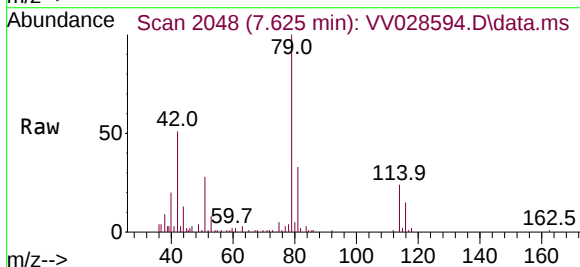
Acq: 17 Oct 2022 17:20

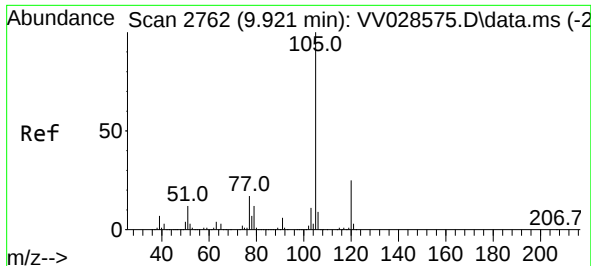
Tgt Ion: 75 Resp: 1312

Ion Ratio Lower Upper

75 100

77 59.4 21.7 40.3#

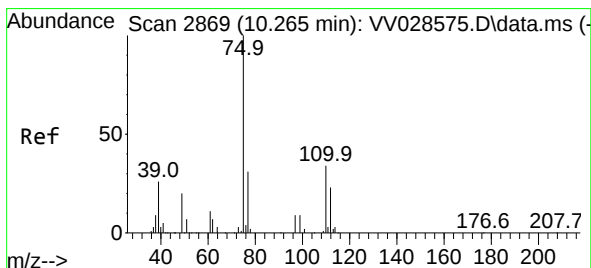
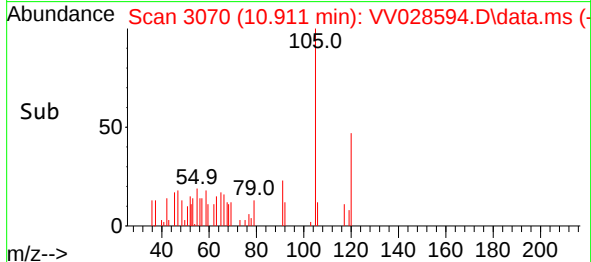
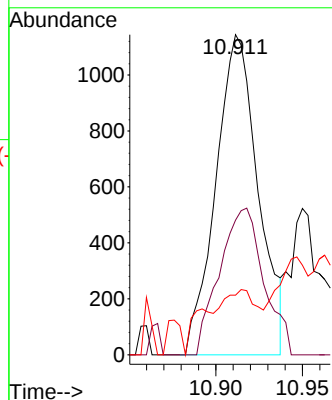
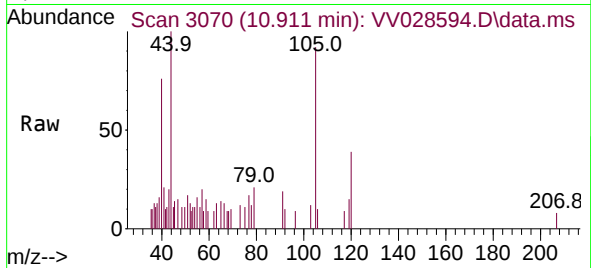




#60
Isopropylbenzene
Concen: 0.031 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.990 min
Lab File: VV028594.D
Acq: 17 Oct 2022 17:20

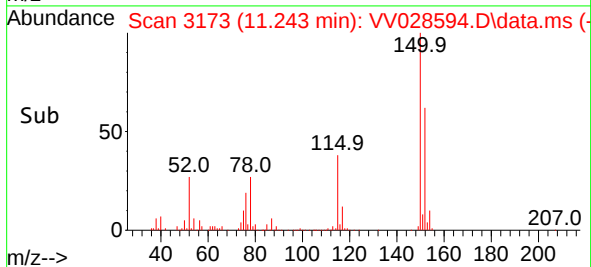
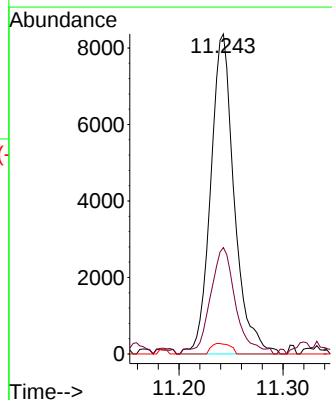
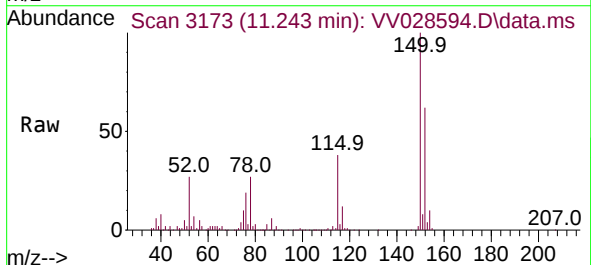
Instrument :
MSVOA_V
ClientSampleId :
C1BG6

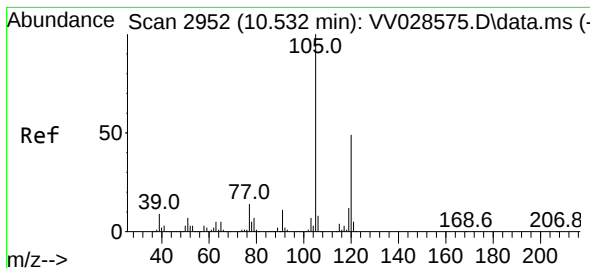
Tgt Ion:105 Resp: 1945
Ion Ratio Lower Upper
105 100
120 47.9 20.7 31.1#
77 10.6 13.1 19.7#



#61
1,2,3-Trichloropropane
Concen: 1.725 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.978 min
Lab File: VV028594.D
Acq: 17 Oct 2022 17:20

Tgt Ion: 75 Resp: 13185
Ion Ratio Lower Upper
75 100
77 35.6 24.6 37.0
110 2.6 28.3 42.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.104 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.380 min

Lab File: VV028594.D

Acq: 17 Oct 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

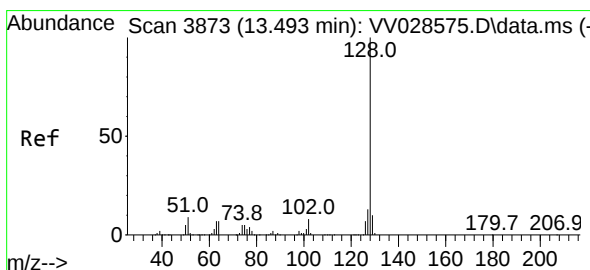
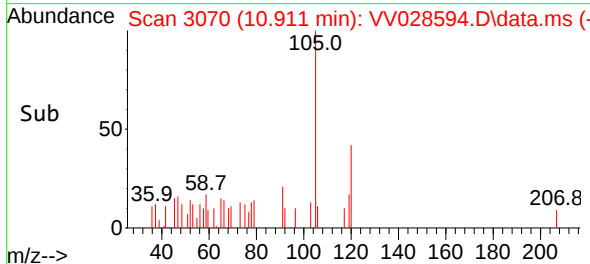
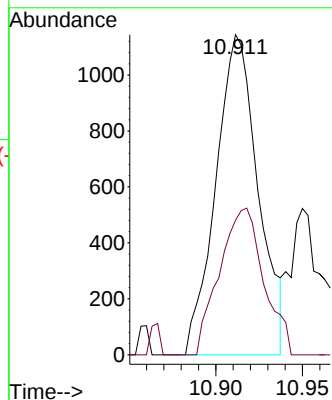
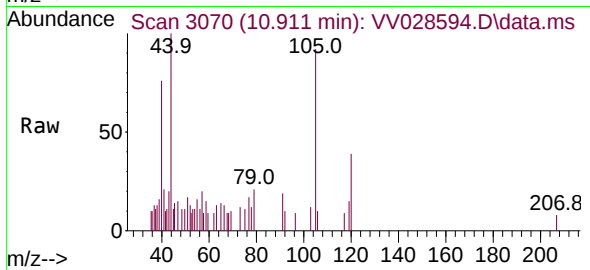
C1BG6

Tgt Ion:105 Resp: 1945

Ion Ratio Lower Upper

105 100

120 47.9 38.0 57.0



#71

Naphthalene

Concen: 0.054 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.007 min

Lab File: VV028594.D

Acq: 17 Oct 2022 17:20

Tgt Ion:128 Resp: 1185

Ion Ratio Lower Upper

128 100

129 14.2 9.0 13.6#

127 5.4 10.1 15.1#

