

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
 Data File : VV028660.D
 Acq On : 21 Oct 2022 14:19
 Operator : SY/MD
 Sample : N5163-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 21 23:02:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

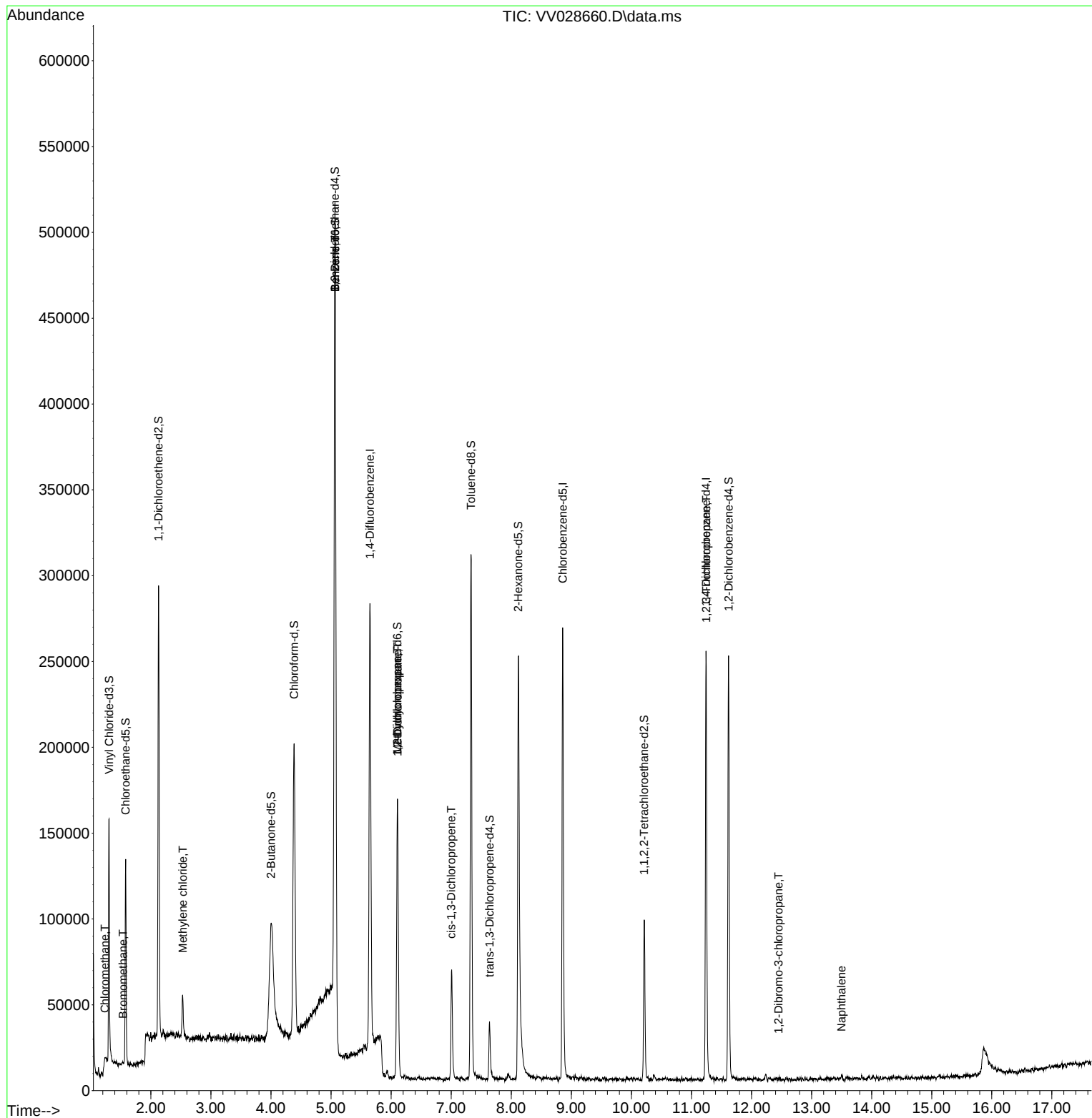
Internal Standards						
1) 1,4-Difluorobenzene	5.648	114	202208	5.000	ug/L	0.05
28) Chlorobenzene-d5	8.857	117	131691	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.243	152	57224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98630	4.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.581	69	77313	4.913	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.127	63	146933	4.223	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.002	46	236961	62.888	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.780%
24) Chloroform-d	4.384	84	163589	5.509	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	5.063	65	98466	6.122	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.400%
32) Benzene-d6	5.066	84	342577	5.979	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.600%
36) 1,2-Dichloropropane-d6	6.105	67	74588	4.152	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.330	98	190900	4.607	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.638	79	18448	4.230	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.117	63	92561	51.112	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45540	5.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	57180	5.559	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	906	0.046	ug/L	97
6) Bromomethane	1.536	94	508	0.055	ug/L	95
16) Methylene chloride	2.532	84	7651	0.407	ug/L	93
33) Benzene	5.069	78	2845	0.046	ug/L	100
35) Methylcyclohexane	6.105	83	17674	0.790	ug/L #	15
37) 1,2-Dichloropropane	6.108	63	8902	0.538	ug/L #	90
39) cis-1,3-Dichloropropene	7.002	75	1569	0.092	ug/L #	45
61) 1,2,3-Trichloropropane	11.246	75	8665	1.397	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.448	75	168	0.155	ug/L #	9
71) Naphthalene	13.500	128	1278	0.071	ug/L #	88

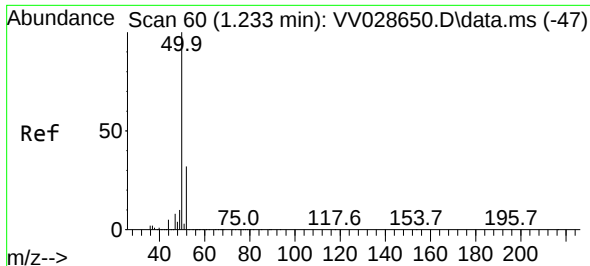
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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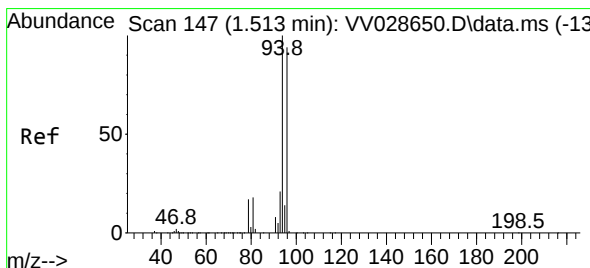
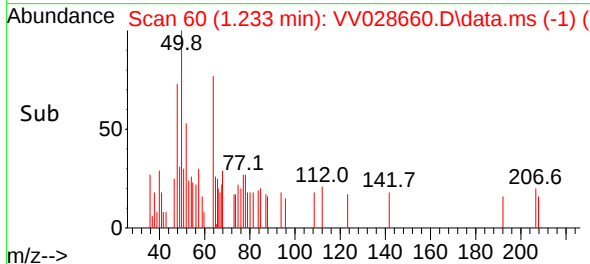
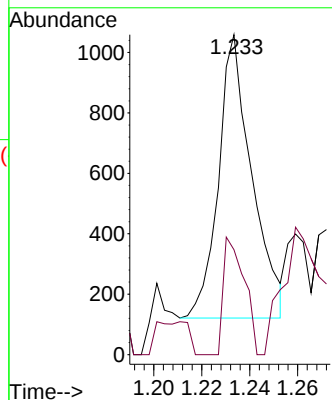
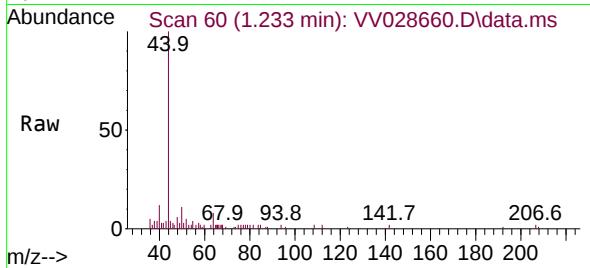




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.233 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

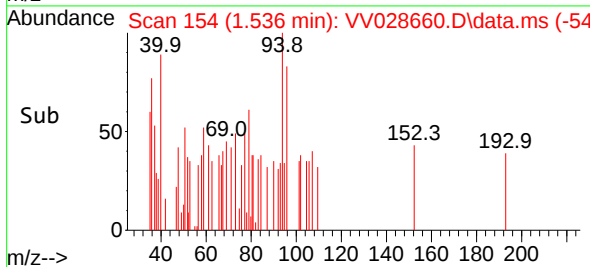
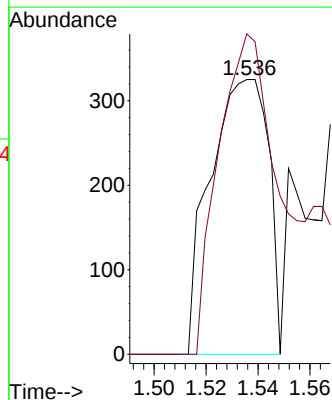
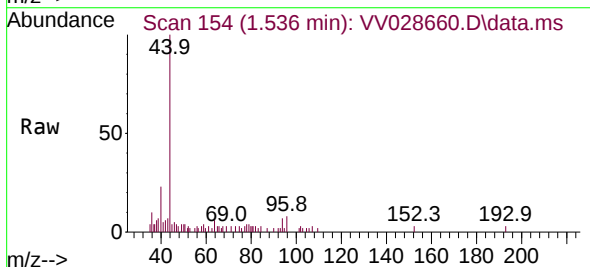
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

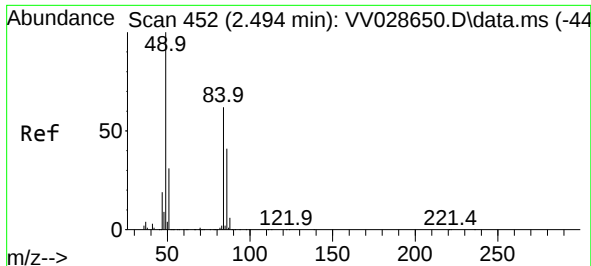
Tgt Ion: 50 Resp: 906
Ion Ratio Lower Upper
50 100
52 32.8 21.8 40.6



#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.023 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

Tgt Ion: 94 Resp: 508
Ion Ratio Lower Upper
94 100
96 86.9 64.3 119.3

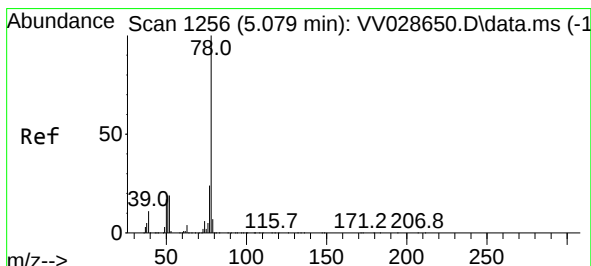
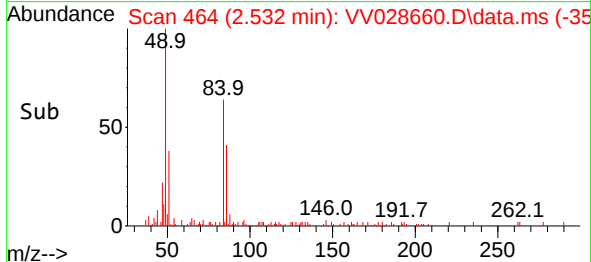
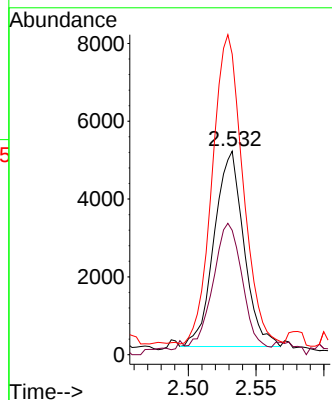
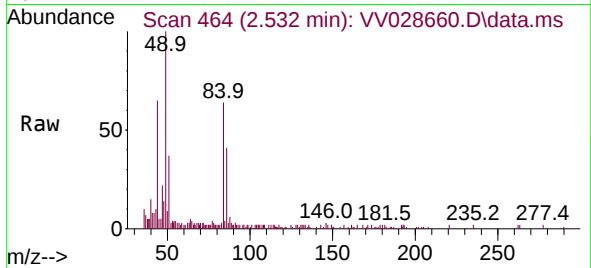




#16
Methylene chloride
Concen: 0.407 ug/L
RT: 2.532 min Scan# 4
Delta R.T. 0.039 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

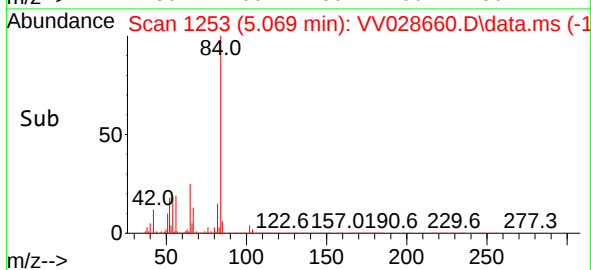
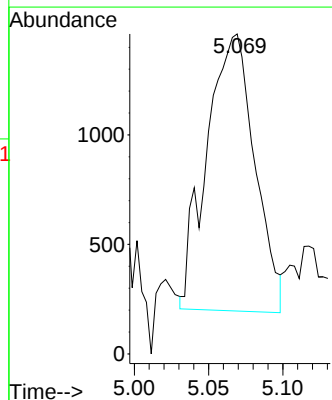
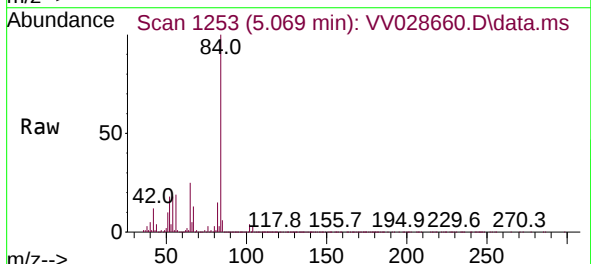
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

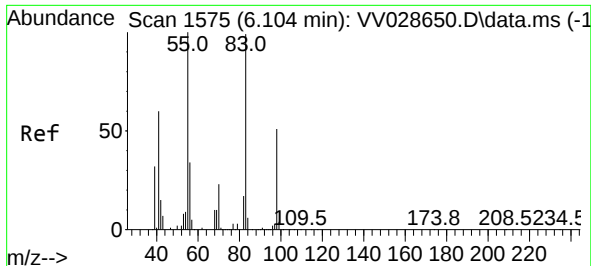
Tgt Ion: 84 Resp: 7651
Ion Ratio Lower Upper
84 100
86 61.1 44.4 82.4
49 147.6 110.8 205.8



#33
Benzene
Concen: 0.046 ug/L
RT: 5.069 min Scan# 1253
Delta R.T. -0.009 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

Tgt Ion: 78 Resp: 2845

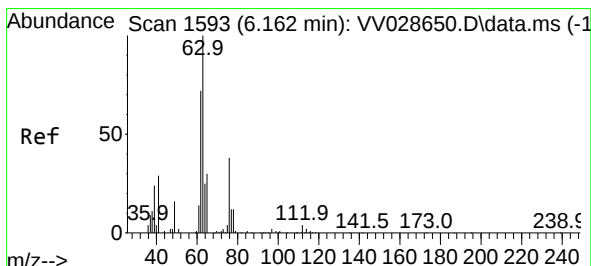
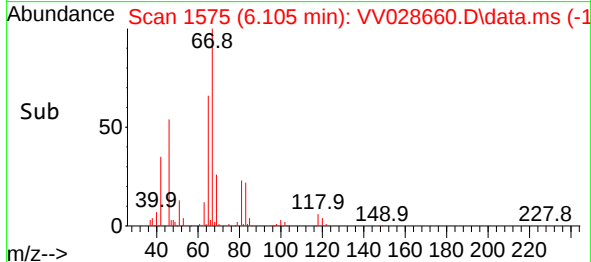
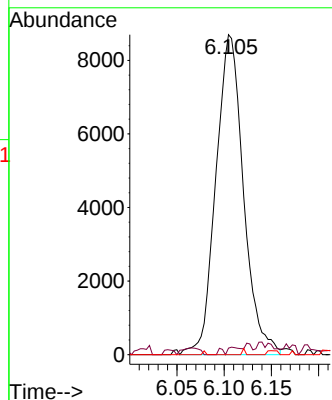
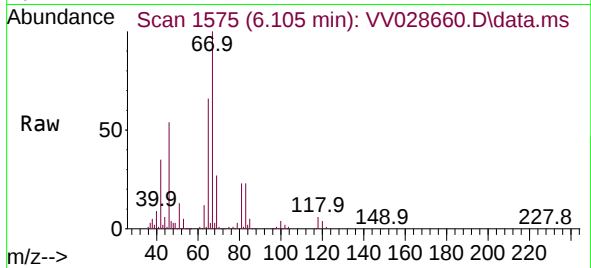




#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.105 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

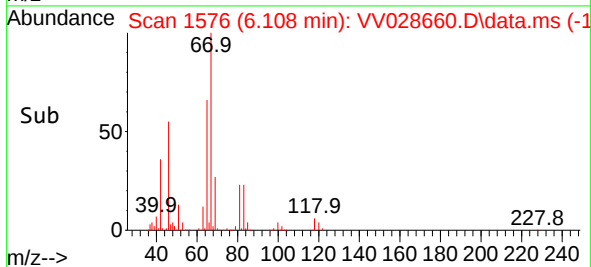
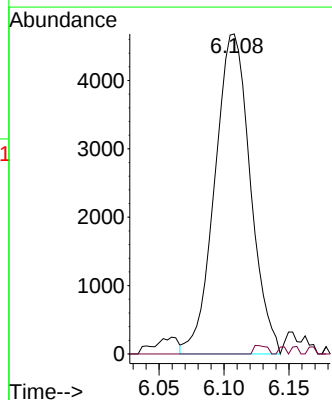
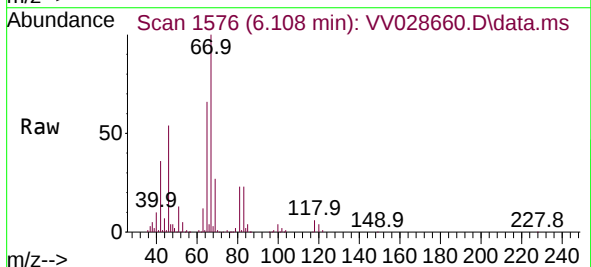
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

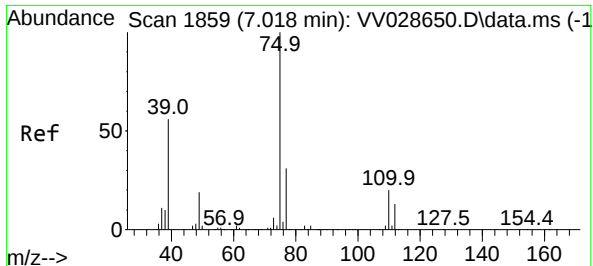
Tgt Ion: 83 Resp: 17674
Ion Ratio Lower Upper
83 100
55 1.0 70.0 105.0#
98 0.0 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.108 min Scan# 1576
Delta R.T. -0.054 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

Tgt Ion: 63 Resp: 8902
Ion Ratio Lower Upper
63 100
112 1.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.002 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV028660.D

Acq: 21 Oct 2022 14:19

Instrument :

MSVOA_V

ClientSampleId :

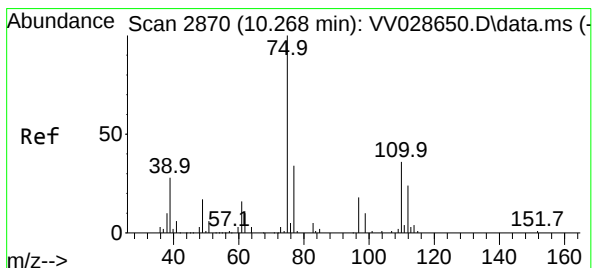
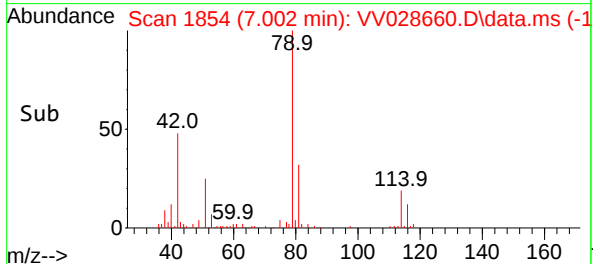
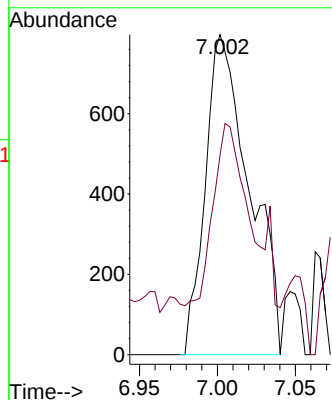
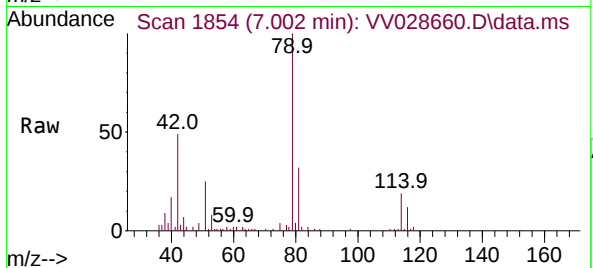
VHBLK001

Tgt Ion: 75 Resp: 1569

Ion Ratio Lower Upper

75 100

77 62.4 22.1 41.1#



#61

1,2,3-Trichloropropane

Concen: 1.397 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.978 min

Lab File: VV028660.D

Acq: 21 Oct 2022 14:19

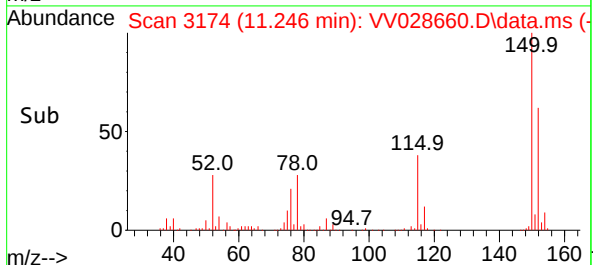
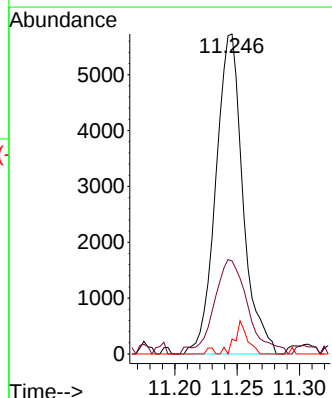
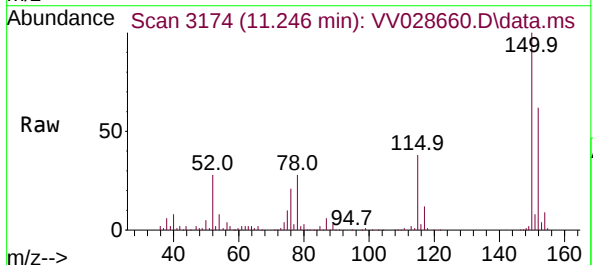
Tgt Ion: 75 Resp: 8665

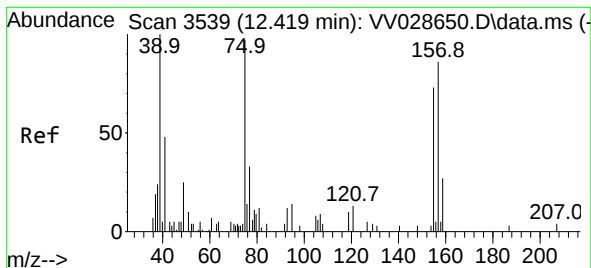
Ion Ratio Lower Upper

75 100

77 36.7 25.2 37.8

110 4.7 27.9 41.9#

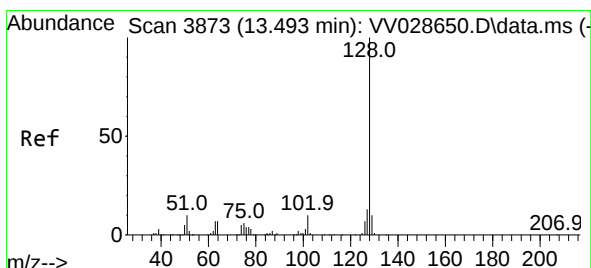
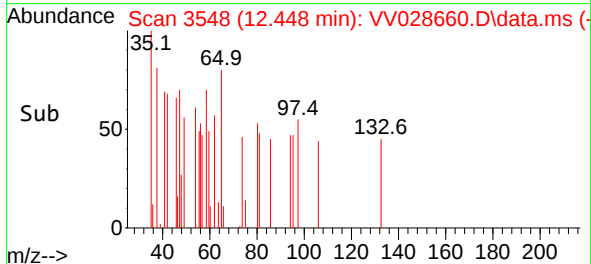
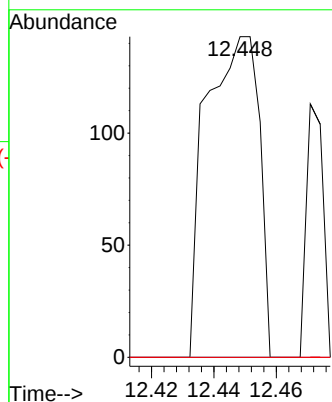
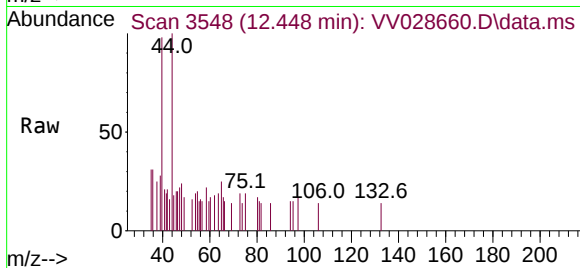




#68
1,2-Dibromo-3-chloropropane
Concen: 0.155 ug/L
RT: 12.448 min Scan# 3548
Delta R.T. 0.029 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 168
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 71.5 107.3#



#71
Naphthalene
Concen: 0.071 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.007 min
Lab File: VV028660.D
Acq: 21 Oct 2022 14:19

Tgt Ion: 128 Resp: 1278
Ion Ratio Lower Upper
128 100
129 3.1 8.9 13.3#
127 14.2 10.2 15.4

