

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025648.D
 Acq On : 20 Apr 2022 16:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK246

Quant Time: Apr 21 06:43:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

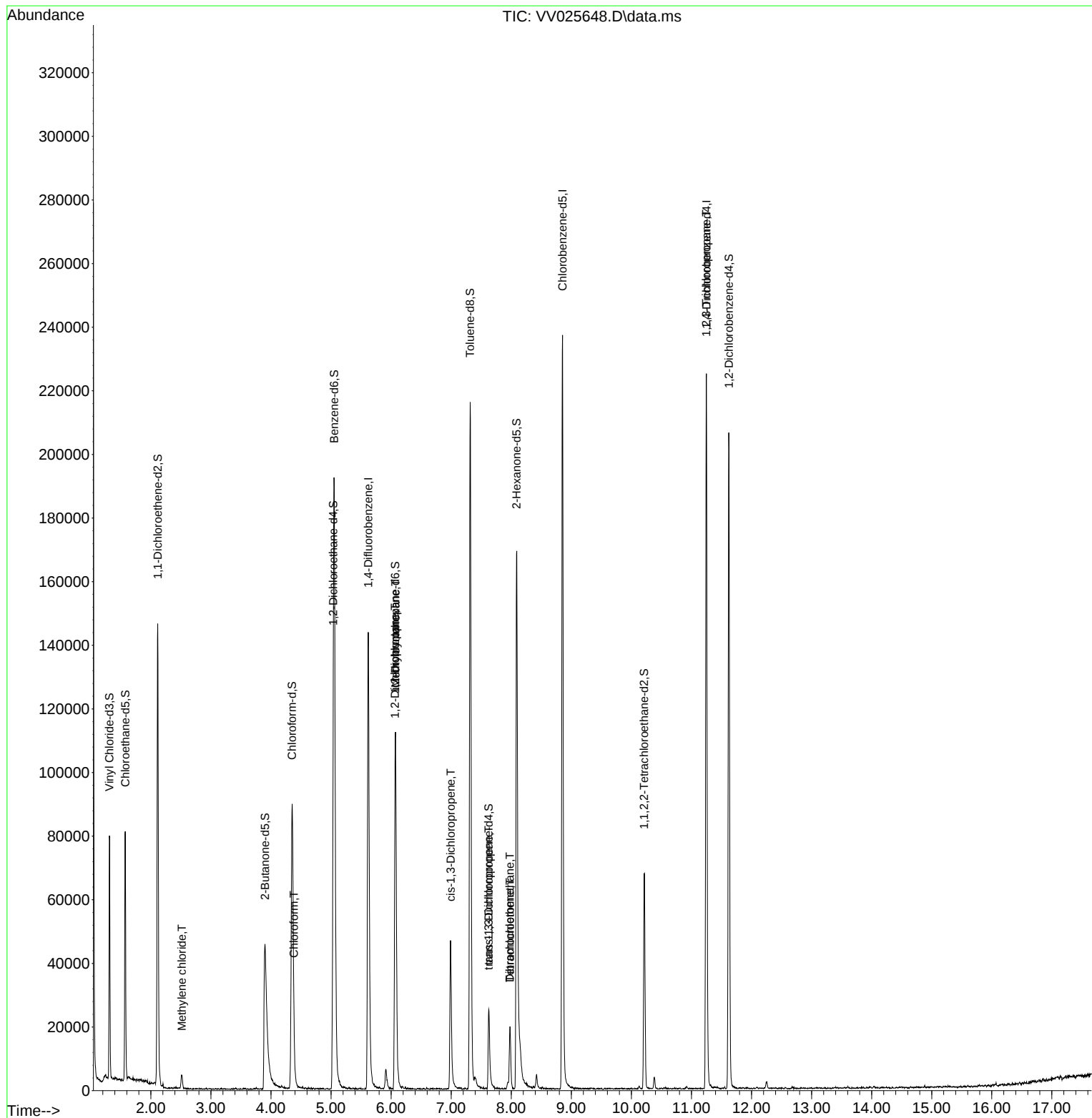
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125431	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	47933	4.110	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.574	69	50069	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.114	63	77177	3.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.902	46	81432	57.407	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.820%
24) Chloroform-d	4.352	84	92280	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.037	65	43279	5.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.053	84	173697	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.069	67	53998	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.316	98	146490	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.625	79	15809	4.468	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	55670	44.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33419	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51671	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
16) Methylene chloride	2.516	84	2060	0.195	ug/L	92
25) Chloroform	4.381	83	1386	0.085	ug/L	77
35) Methylcyclohexane	6.072	83	13624	0.835	ug/L #	28
37) 1,2-Dichloropropane	6.066	63	6212	0.697	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1397	0.120	ug/L	91
44) trans-1,3-Dichloropropene	7.622	75	671	0.074	ug/L	100
47) Tetrachloroethene	7.979	164	4070	0.508	ug/L	95
49) Dibromochloromethane	7.979	129	4242	0.647	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7282	1.862	ug/L #	61

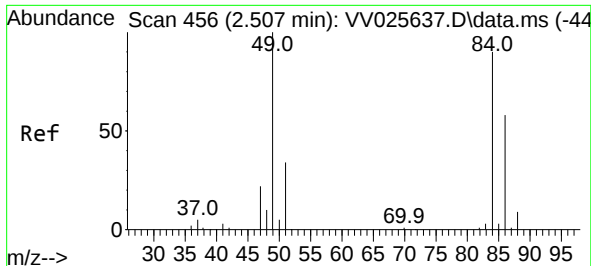
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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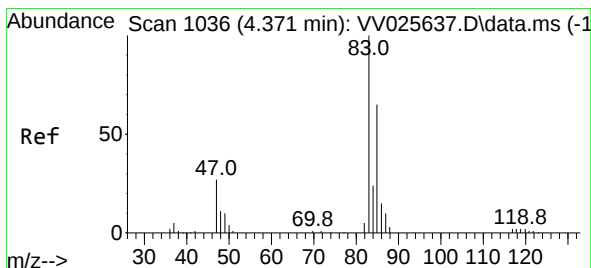
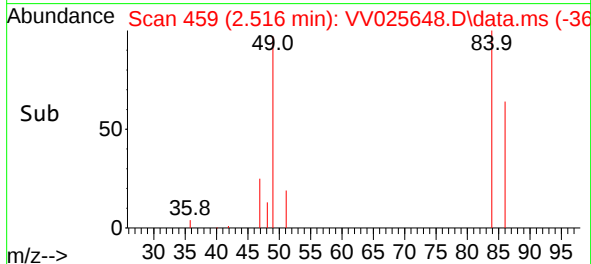
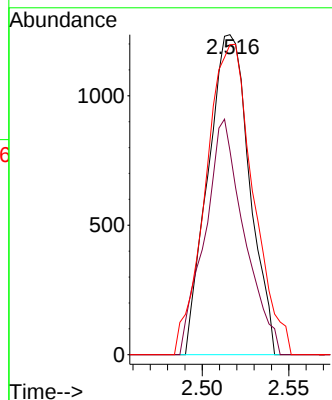
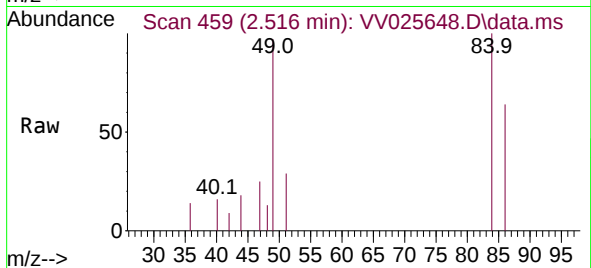




#16
Methylene chloride
Concen: 0.195 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV025648.D
Acq: 20 Apr 2022 16:00

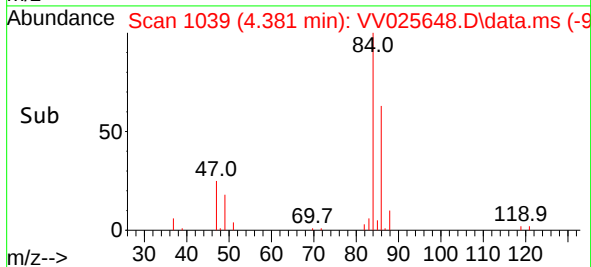
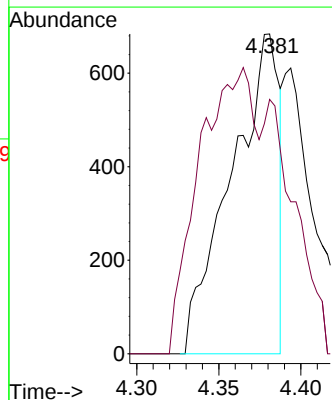
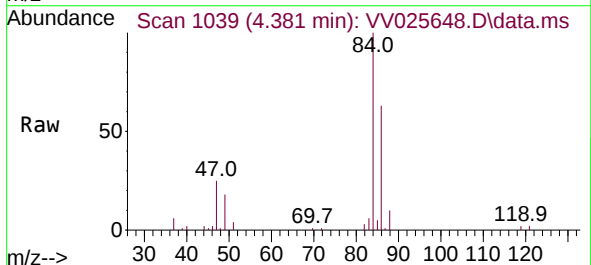
Instrument :
MSVOA_V
ClientSampleId :
VIBLK246

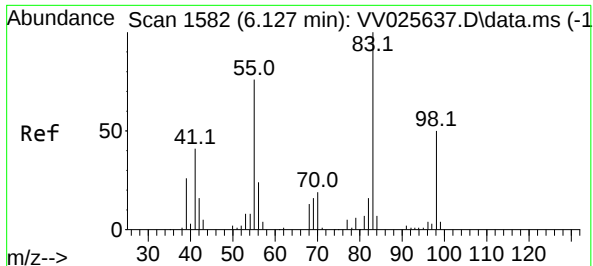
Tgt Ion: 84 Resp: 2060
Ion Ratio Lower Upper
84 100
86 63.8 45.9 85.3
49 96.8 76.6 142.3



#25
Chloroform
Concen: 0.085 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.009 min
Lab File: VV025648.D
Acq: 20 Apr 2022 16:00

Tgt Ion: 83 Resp: 1386
Ion Ratio Lower Upper
83 100
85 79.5 43.5 80.7





#35

Methylcyclohexane

Concen: 0.835 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV025648.D

Acq: 20 Apr 2022 16:00

Instrument :

MSVOA_V

ClientSampleId :

VIBLK246

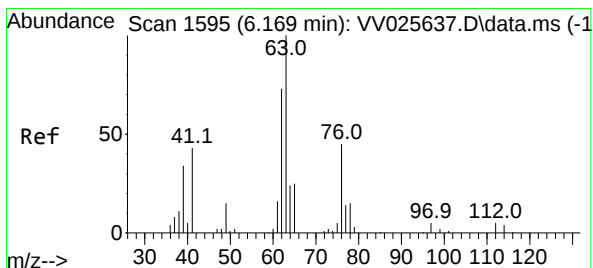
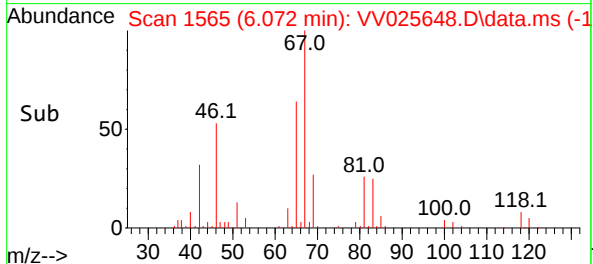
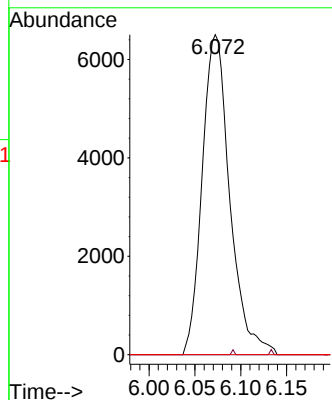
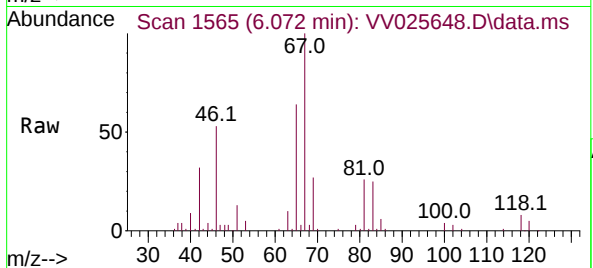
Tgt Ion: 83 Resp: 13624

Ion Ratio Lower Upper

83 100

55 0.1 53.7 80.5#

98 11.1 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.697 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV025648.D

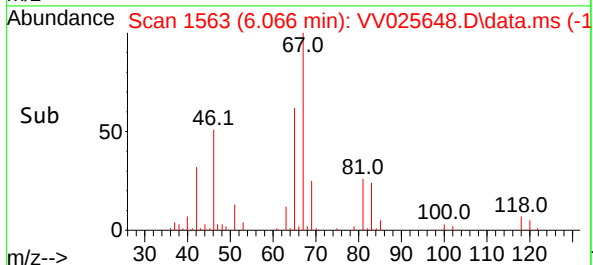
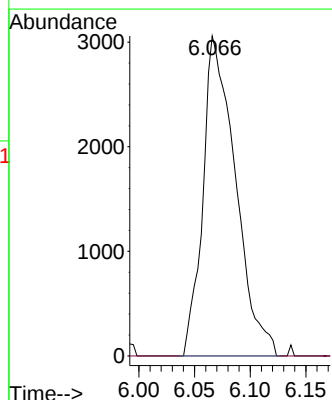
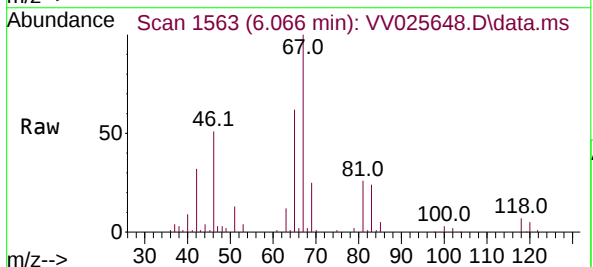
Acq: 20 Apr 2022 16:00

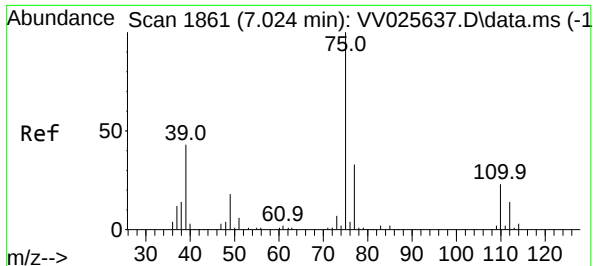
Tgt Ion: 63 Resp: 6212

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025648.D

Acq: 20 Apr 2022 16:00

Instrument :

MSVOA_V

ClientSampleId :

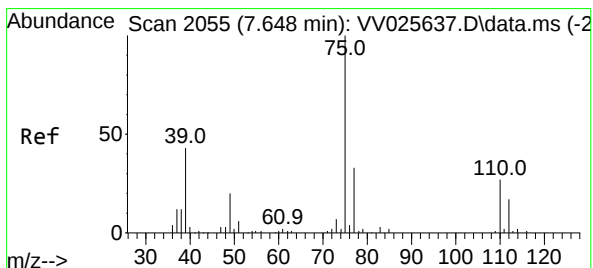
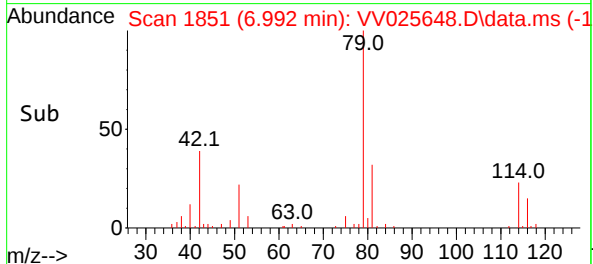
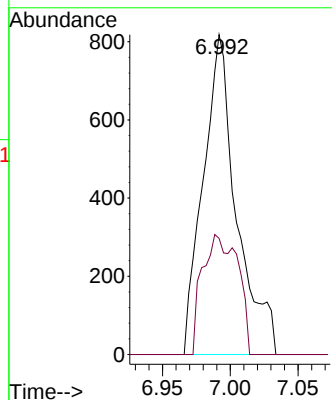
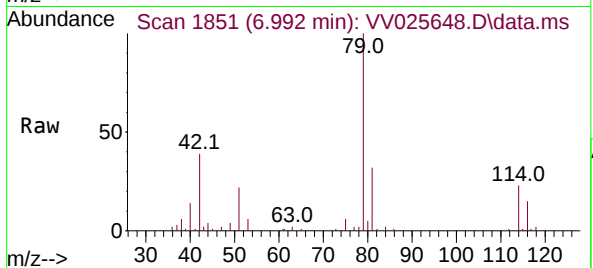
VIBLK246

Tgt Ion: 75 Resp: 1397

Ion Ratio Lower Upper

75 100

77 36.3 21.8 40.6



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV025648.D

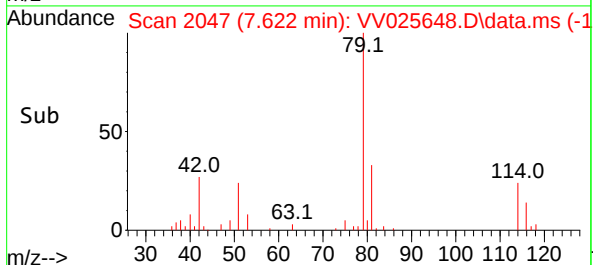
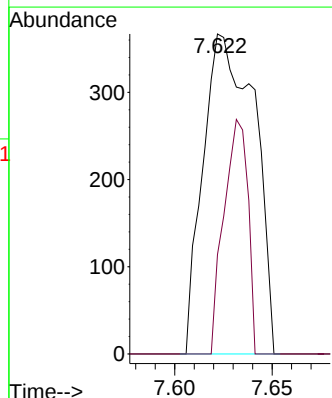
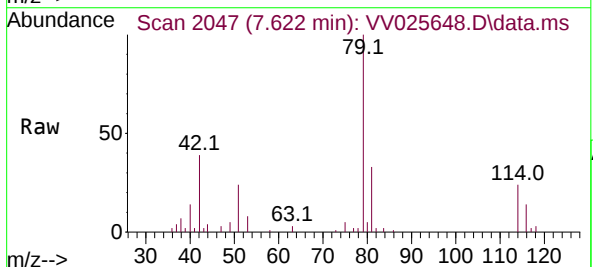
Acq: 20 Apr 2022 16:00

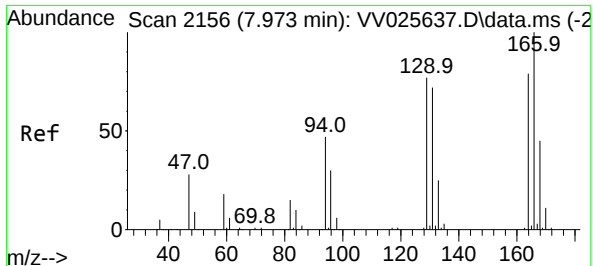
Tgt Ion: 75 Resp: 671

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3





#47

Tetrachloroethene

Concen: 0.508 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025648.D

Acq: 20 Apr 2022 16:00

Instrument :

MSVOA_V

ClientSampleId :

VIBLK246

Tgt Ion:164 Resp: 4070

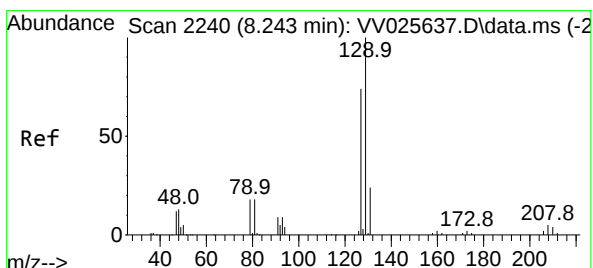
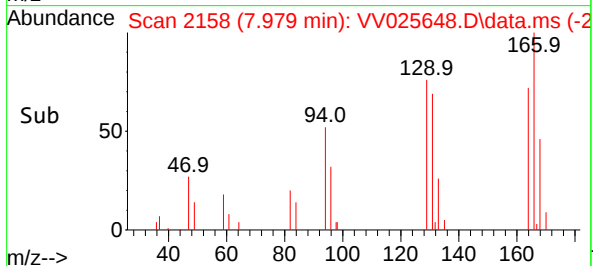
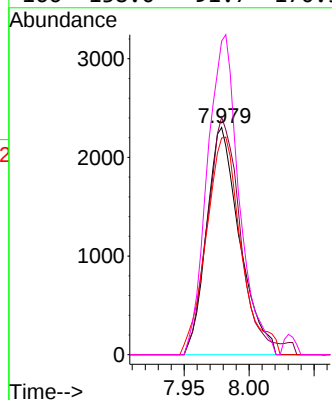
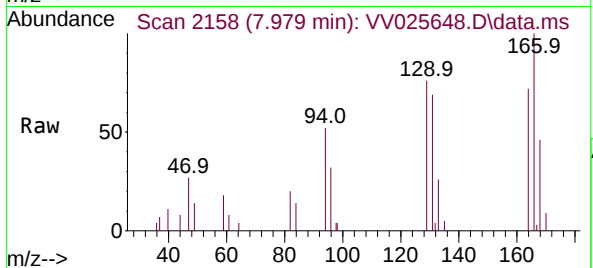
Ion Ratio Lower Upper

164 100

129 104.6 66.8 124.2

131 95.4 66.4 123.4

166 138.0 91.7 170.3



#49

Dibromochloromethane

Concen: 0.647 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025648.D

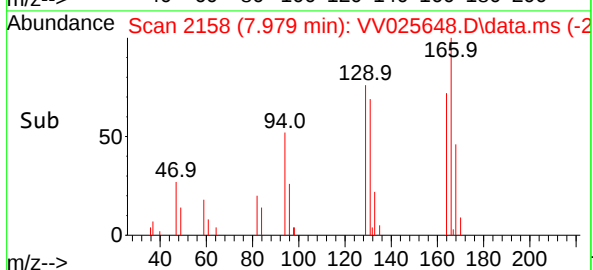
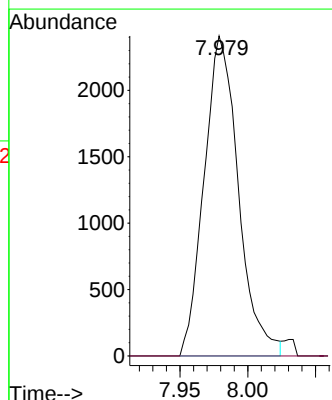
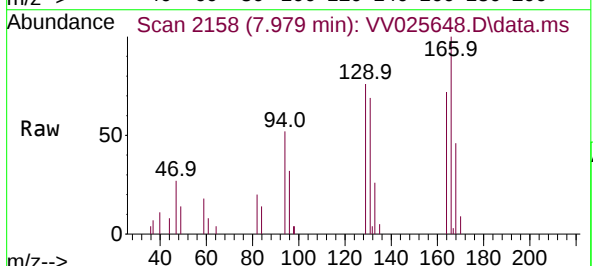
Acq: 20 Apr 2022 16:00

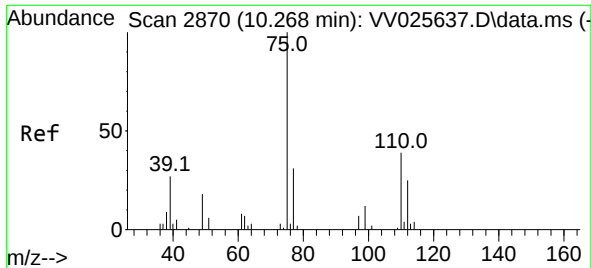
Tgt Ion:129 Resp: 4242

Ion Ratio Lower Upper

129 100

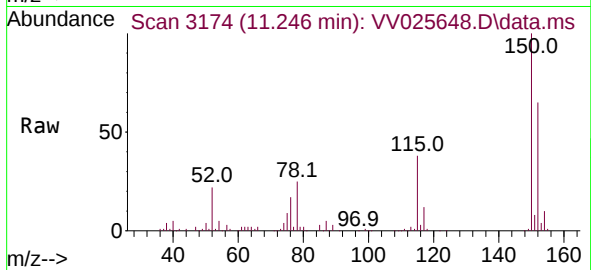
127 0.0 53.8 100.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.862 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.977 min
 Lab File: VV025648.D
 Acq: 20 Apr 2022 16:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK246



Tgt Ion: 75	Resp:	7282
Ion	Ratio	Lower Upper
75	100	
77	33.8	25.6 38.4
110	1.6	34.7 52.1#

