

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030248.D
 Acq On : 20 Mar 2023 11:05
 Operator : SY/MD
 Sample : VV0320WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK315

Quant Time: Mar 20 14:17:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

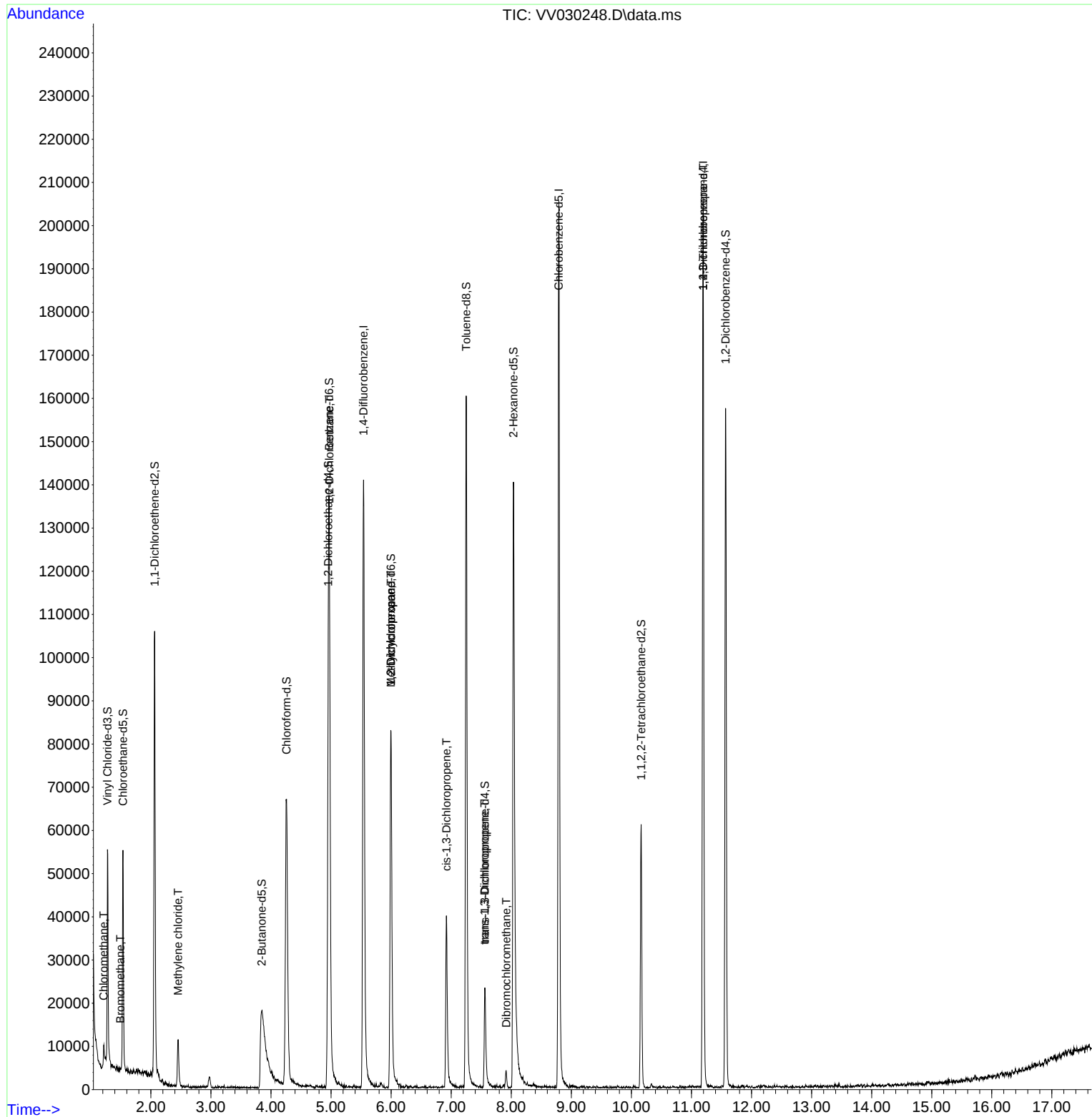
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	122471	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	113438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55490	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31684	3.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.536	69	30214	4.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.063	63	53883	3.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.847	46	54581	37.358	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.720%
24) Chloroform-d	4.259	84	71631	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.953	65	36253	5.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.966	84	120778	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	5.995	67	37762	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.249	98	108165	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.561	79	14149	4.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.037	63	58804	45.242	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.480%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27407	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	41366	4.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3591	0.229	ug/L	94
6) Bromomethane	1.491	94	302	0.161	ug/L	74
16) Methylene chloride	2.452	84	4579	0.456	ug/L	88
27) 1,2-Dichloroethane	4.973	62	1070	0.135	ug/L #	71
35) Methylcyclohexane	5.998	83	10477	0.797	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	4946	0.628	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	1031	0.089	ug/L #	42
44) trans-1,3-Dichloropropene	7.558	75	870	0.097	ug/L	93
49) Dibromochloromethane	7.918	129	787	0.119	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	5891	1.586	ug/L #	66

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

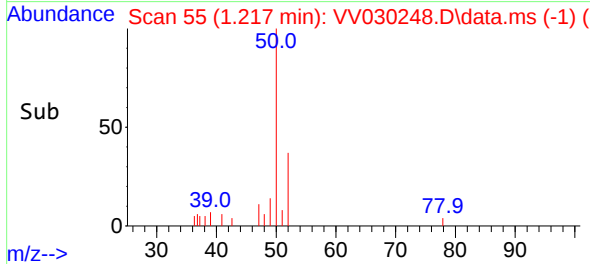
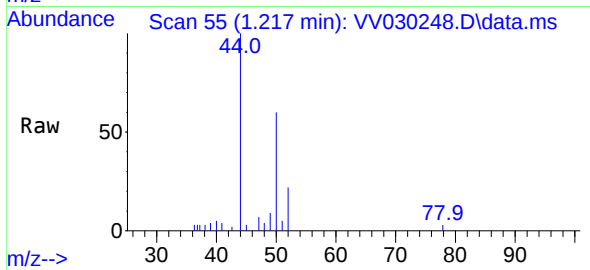
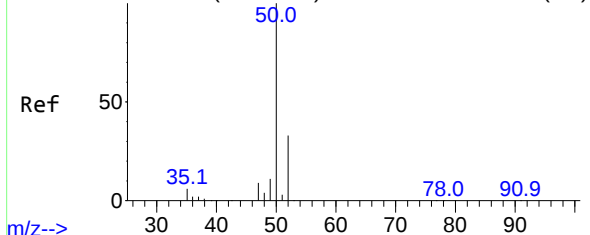
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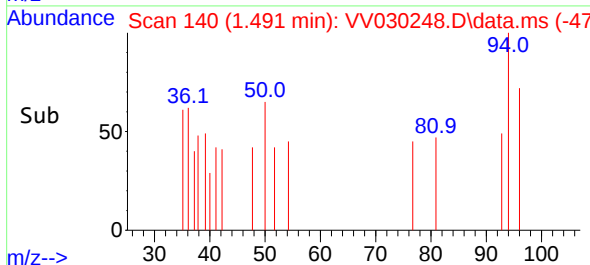
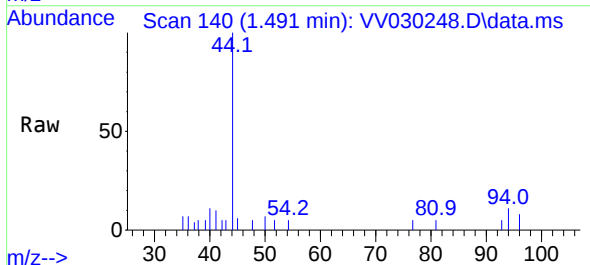
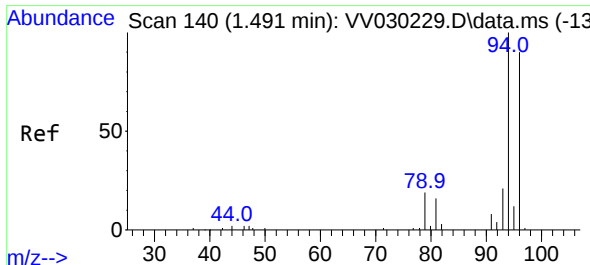
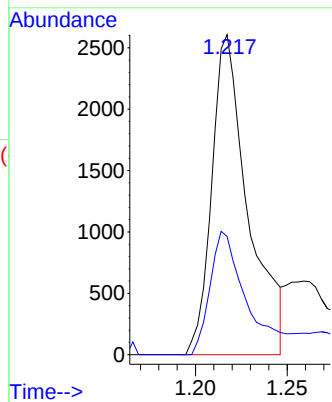
Abundance Scan 55 (1.217 min): VV030229.D\data.ms (-47)



#3
Chloromethane
Concen: 0.229 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030248.D
Acq: 20 Mar 2023 11:05

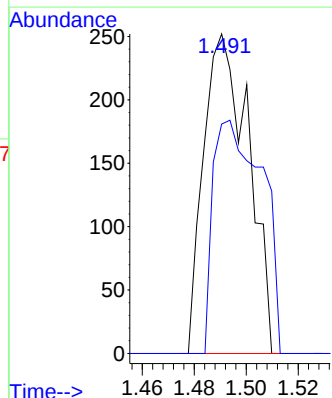
Instrument :
MSVOA_V
ClientSampleId :
VBLK315

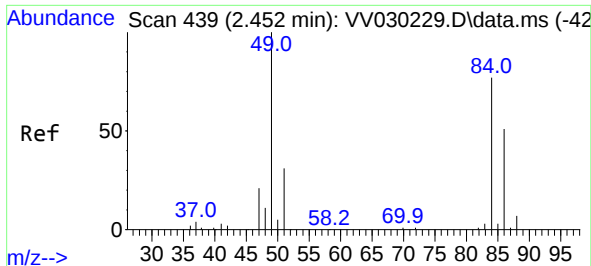
Tgt Ion: 50 Resp: 3591
Ion Ratio Lower Upper
50 100
52 36.9 23.6 43.8



#6
Bromomethane
Concen: 0.161 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV030248.D
Acq: 20 Mar 2023 11:05

Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 71.8 68.4 127.0

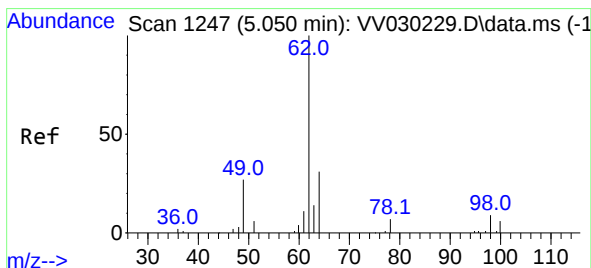
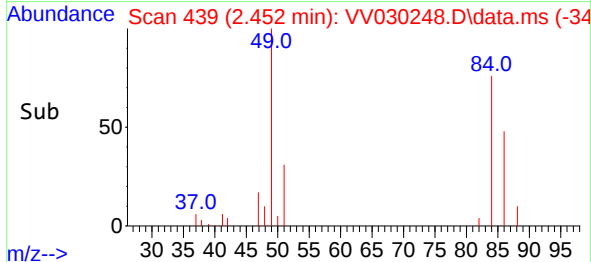
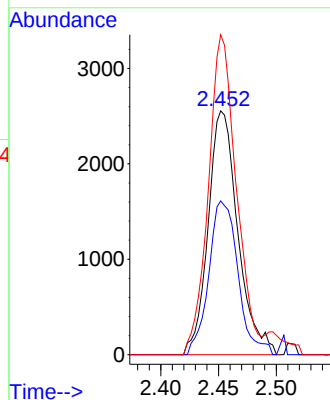
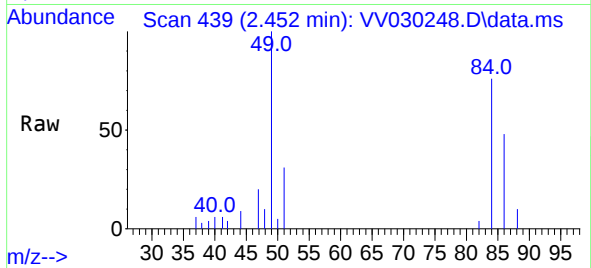




#16
Methylene chloride
Concen: 0.456 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030248.D
Acq: 20 Mar 2023 11:05

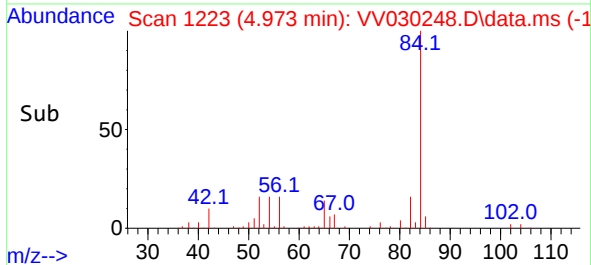
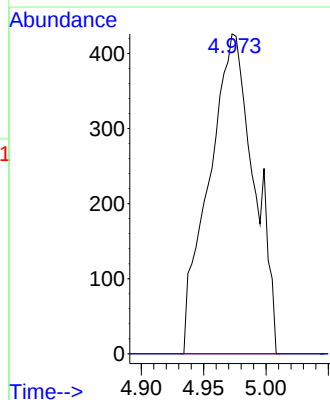
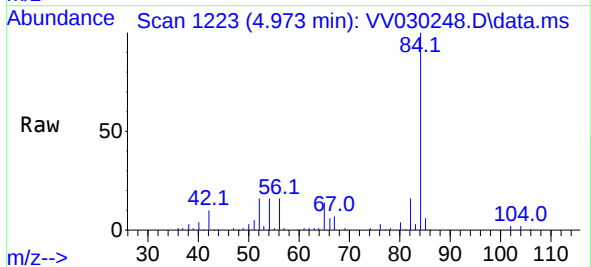
Instrument :
MSVOA_V
ClientSampleId :
VBLK315

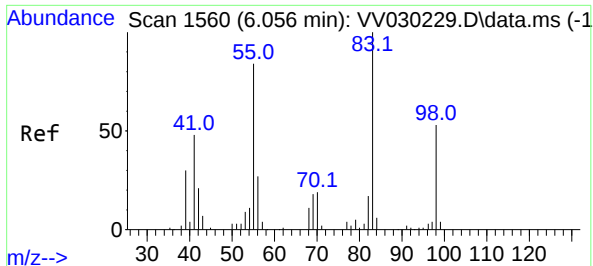
Tgt Ion: 84 Resp: 4579
Ion Ratio Lower Upper
84 100
86 63.1 44.7 83.1
49 131.3 78.8 146.3



#27
1,2-Dichloroethane
Concen: 0.135 ug/L
RT: 4.973 min Scan# 1223
Delta R.T. -0.077 min
Lab File: VV030248.D
Acq: 20 Mar 2023 11:05

Tgt Ion: 62 Resp: 1070
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

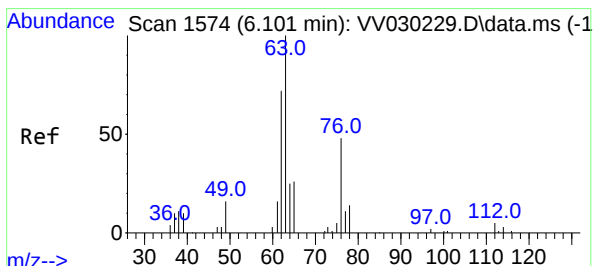
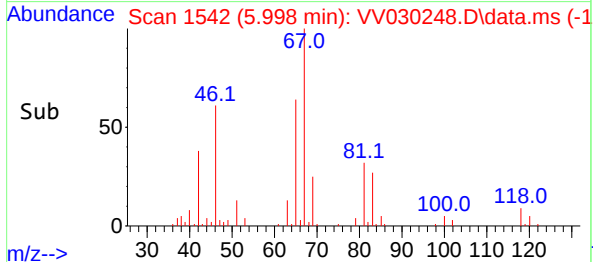
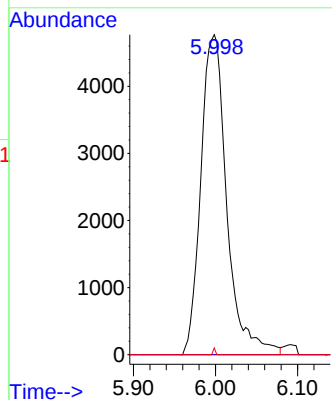
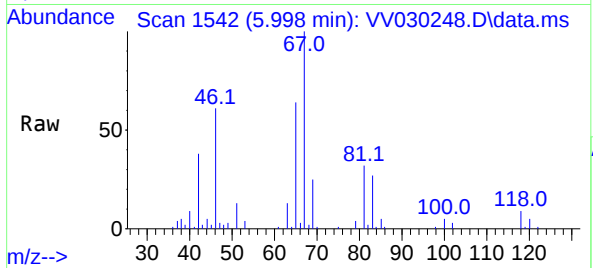




#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 5.998 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV030248.D
Acq: 20 Mar 2023 11:05

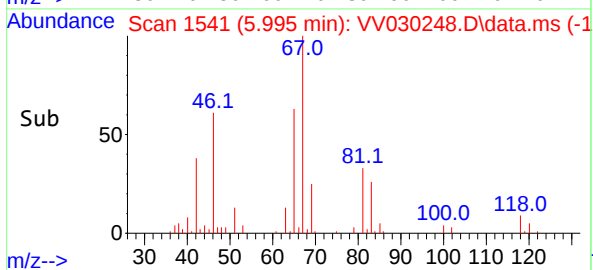
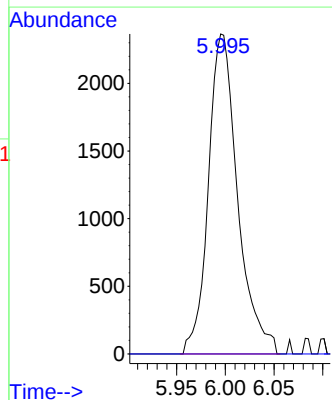
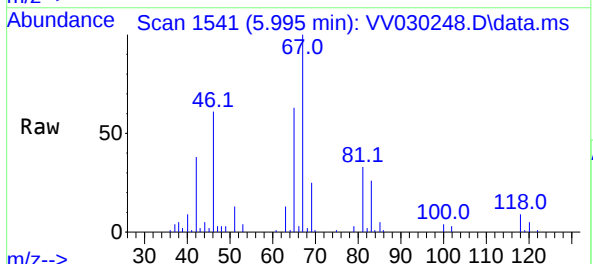
Instrument :
MSVOA_V
ClientSampleId :
VBLK315

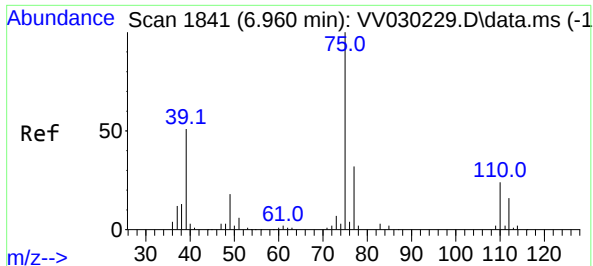
Tgt Ion: 83 Resp: 10477
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.2 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.106 min
Lab File: VV030248.D
Acq: 20 Mar 2023 11:05

Tgt Ion: 63 Resp: 4946
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV030248.D

Acq: 20 Mar 2023 11:05

Instrument :

MSVOA_V

ClientSampleId :

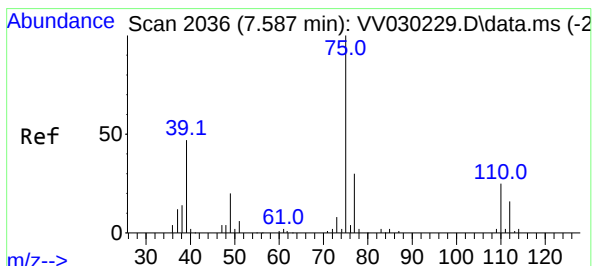
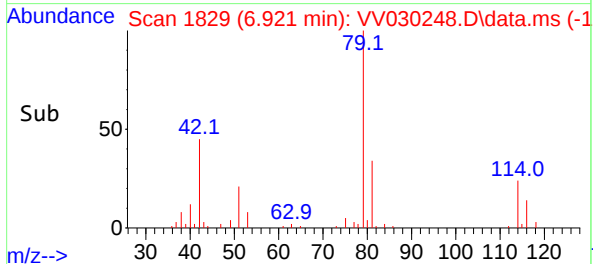
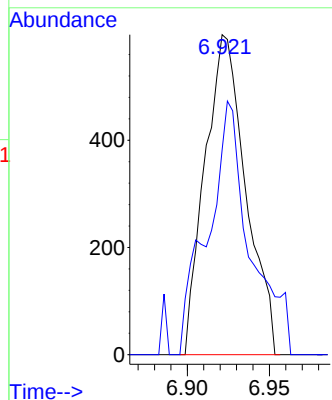
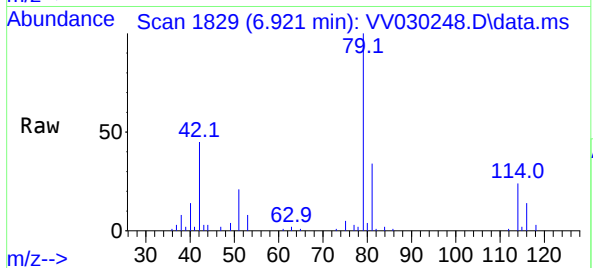
VBLK315

Tgt Ion: 75 Resp: 1031

Ion Ratio Lower Upper

75 100

77 64.0 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV030248.D

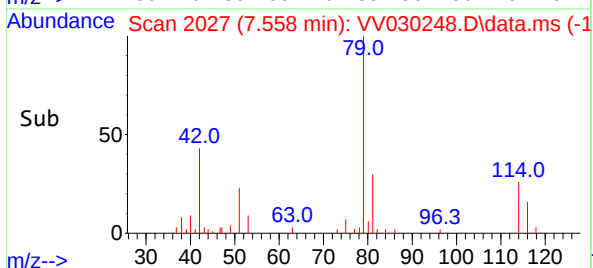
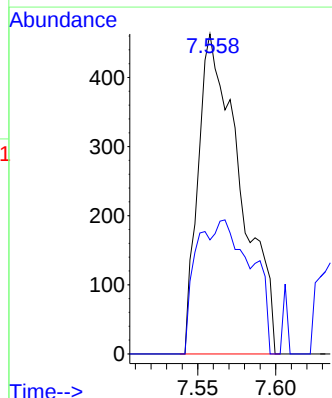
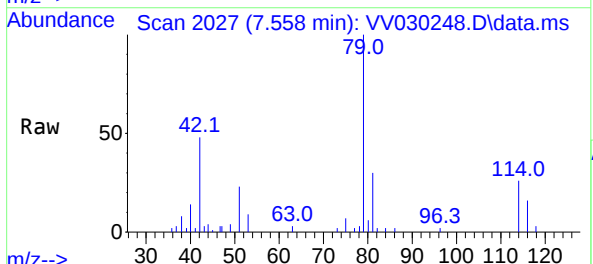
Acq: 20 Mar 2023 11:05

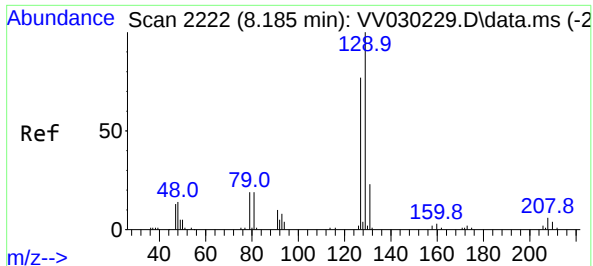
Tgt Ion: 75 Resp: 870

Ion Ratio Lower Upper

75 100

77 35.6 22.1 41.1





#49

Dibromochloromethane

Concen: 0.119 ug/L

RT: 7.918 min Scan# 21

Delta R.T. -0.267 min

Lab File: VV030248.D

Acq: 20 Mar 2023 11:05

Instrument :

MSVOA_V

ClientSampleId :

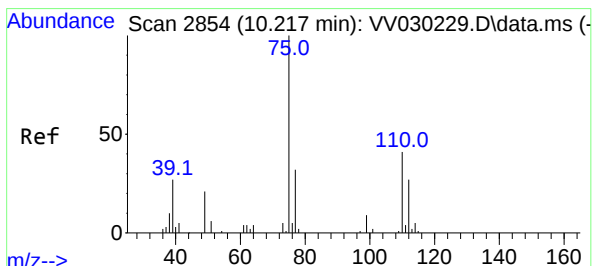
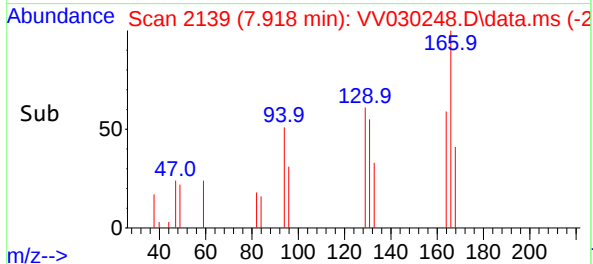
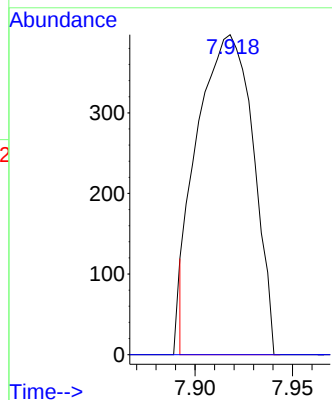
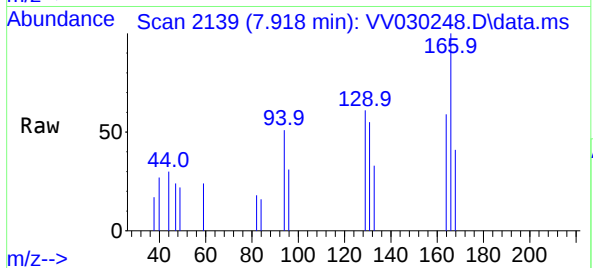
VBLK315

Tgt Ion:129 Resp: 787

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.586 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030248.D

Acq: 20 Mar 2023 11:05

Tgt Ion: 75 Resp: 5891

Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7

110 1.6 31.8 47.6#

