

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030256.D
 Acq On : 20 Mar 2023 14:18
 Operator : SY/MD
 Sample : 01997-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBE0

Quant Time: Mar 21 02:56:12 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)

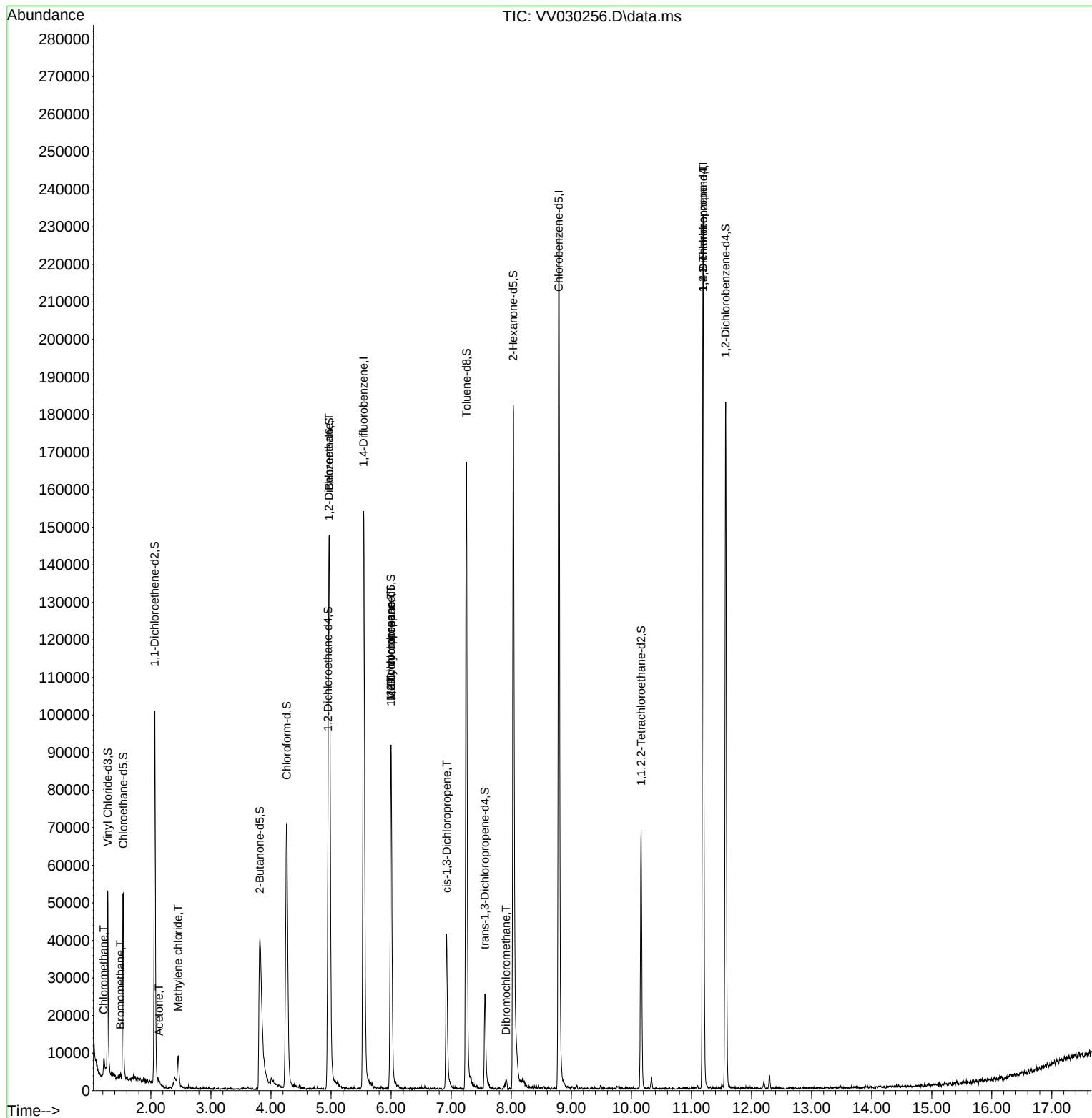
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	128805	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	128712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30858	3.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.539	69	30404	3.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.066	63	52399	3.058	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.815	46	81937	53.324	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.640%
24) Chloroform-d	4.262	84	74783	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	4.950	65	36965	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.969	84	131137	3.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	5.995	67	40326	3.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.252	98	114348	3.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.561	79	15799	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.034	63	64663	43.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30706	4.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	47172	4.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	4199	0.254	ug/L	99
6) Bromomethane	1.494	94	223	0.113	ug/L	87
13) Acetone	2.137	43	1996	1.757	ug/L	74
16) Methylene chloride	2.455	84	3064	0.290	ug/L	97
27) 1,2-Dichloroethane	4.963	62	997	0.120	ug/L #	71
35) Methylcyclohexane	5.998	83	10751	0.721	ug/L #	21
37) 1,2-Dichloropropane	5.998	63	5256	0.588	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1190	0.091	ug/L #	21
49) Dibromochloromethane	7.915	129	598	0.080	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6657	1.554	ug/L #	64

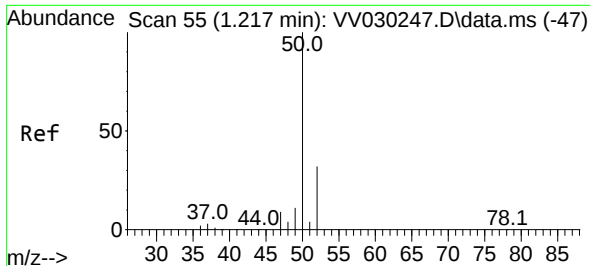
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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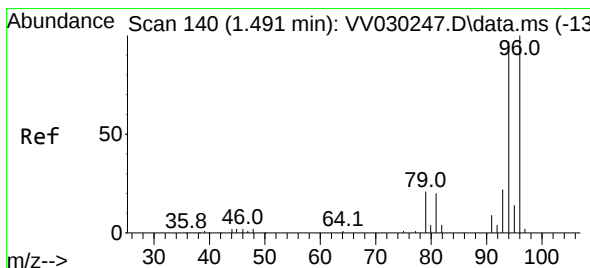
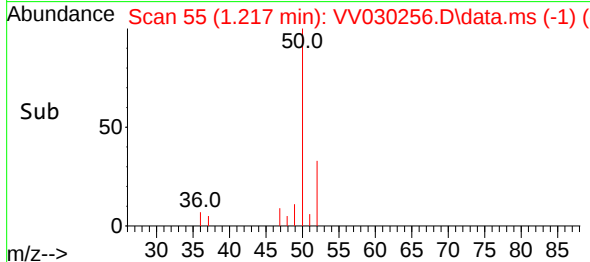
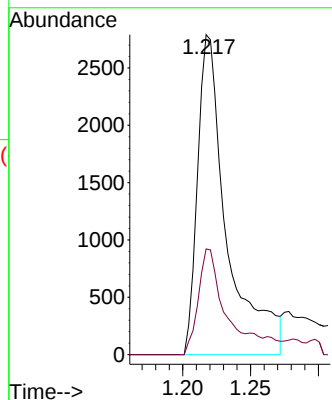
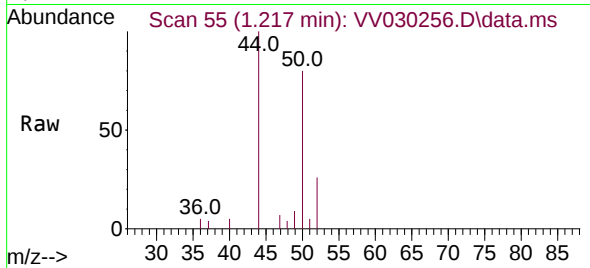




#3
Chloromethane
Concen: 0.254 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030256.D
Acq: 20 Mar 2023 14:18

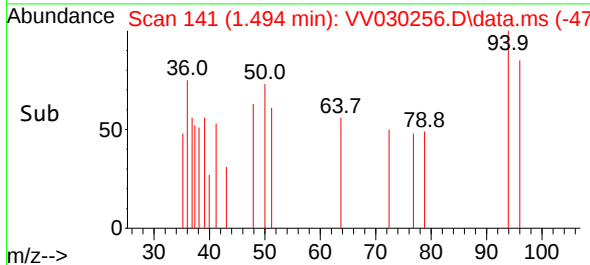
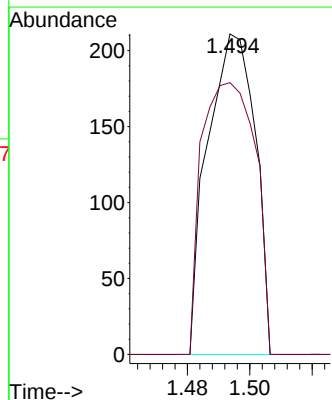
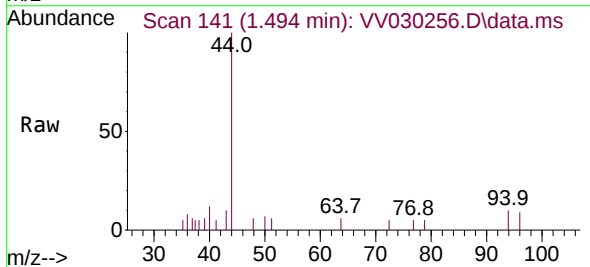
Instrument :
MSVOA_V
ClientSampleId :
COBE0

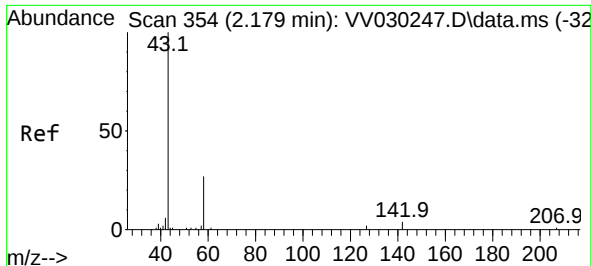
Tgt Ion: 50 Resp: 4199
Ion Ratio Lower Upper
50 100
52 33.0 23.6 43.8



#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030256.D
Acq: 20 Mar 2023 14:18

Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 84.8 68.4 127.0





#13

Acetone

Concen: 1.757 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.007 min

Lab File: VV030256.D

Acq: 20 Mar 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

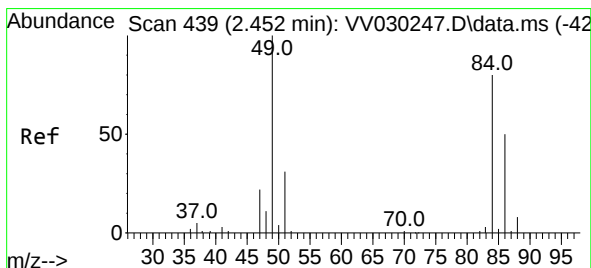
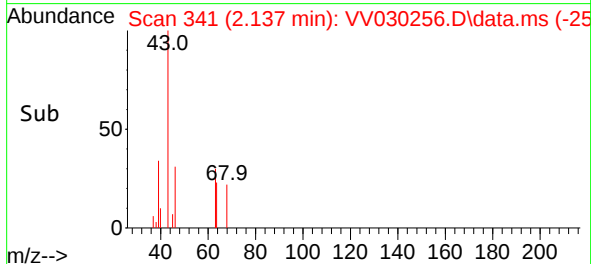
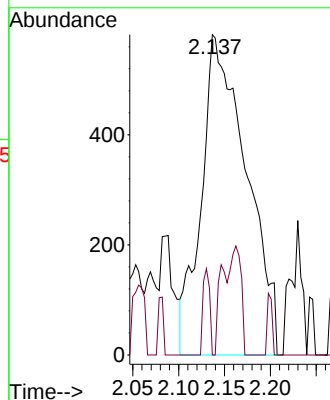
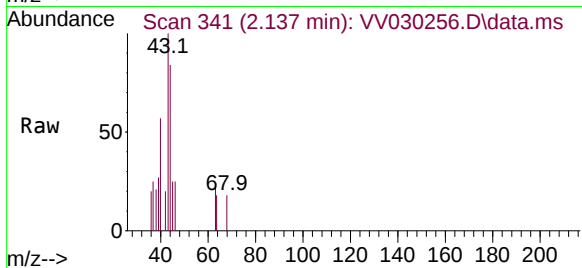
COBE0

Tgt Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 4.0 0.0 29.4



#16

Methylene chloride

Concen: 0.290 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030256.D

Acq: 20 Mar 2023 14:18

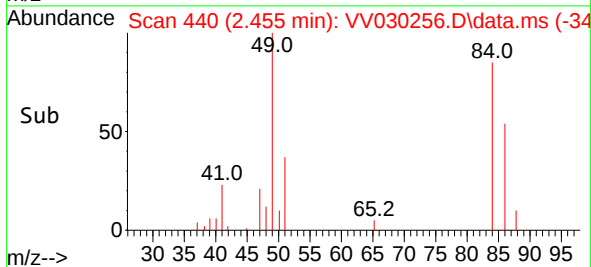
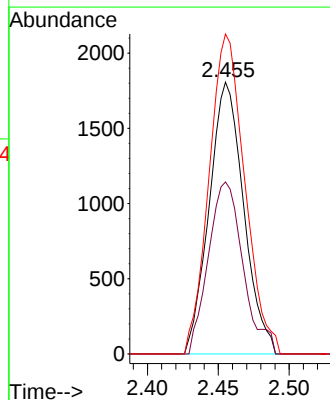
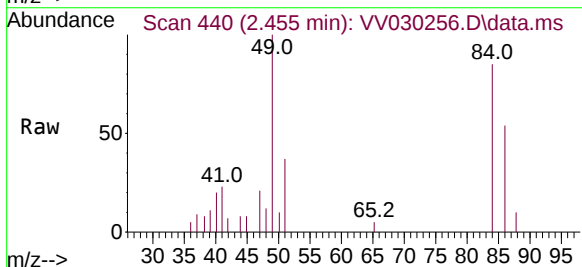
Tgt Ion: 84 Resp: 3064

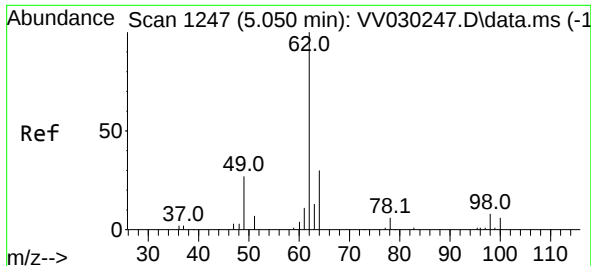
Ion Ratio Lower Upper

84 100

86 63.3 44.7 83.1

49 117.7 78.8 146.3





#27

1,2-Dichloroethane

Concen: 0.120 ug/L

RT: 4.963 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV030256.D

Acq: 20 Mar 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

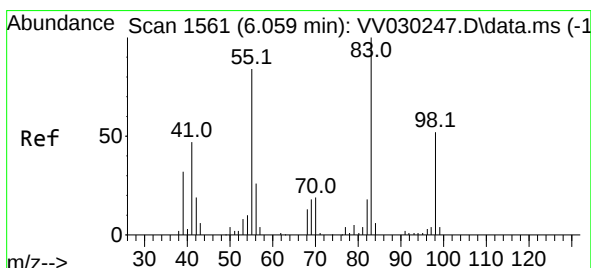
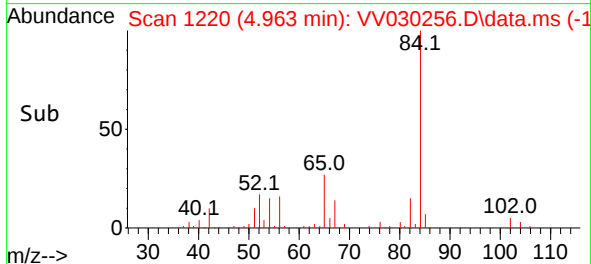
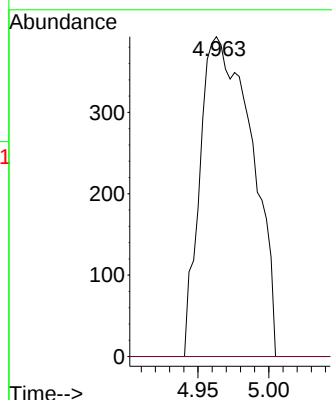
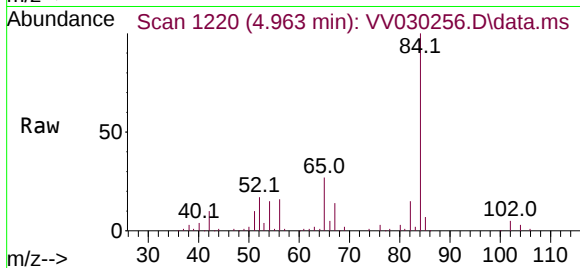
COBE0

Tgt Ion: 62 Resp: 997

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV030256.D

Acq: 20 Mar 2023 14:18

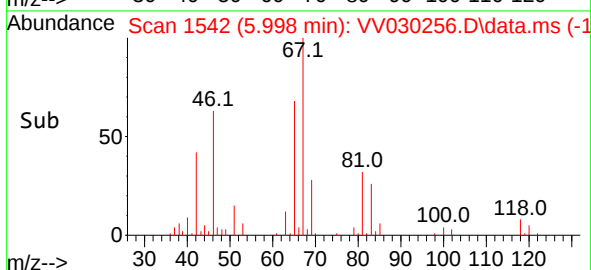
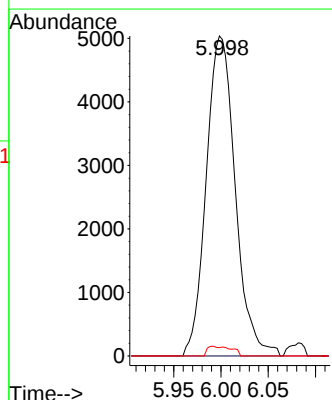
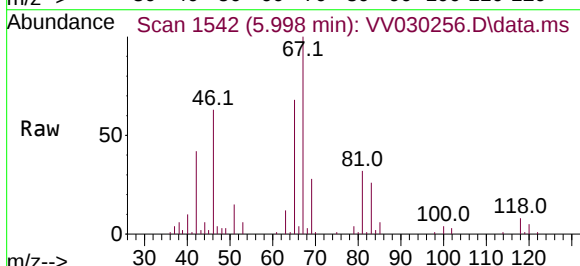
Tgt Ion: 83 Resp: 10751

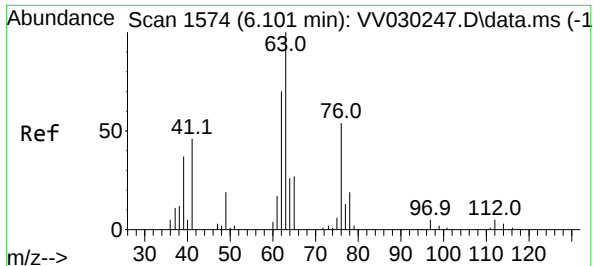
Ion Ratio Lower Upper

83 100

55 0.2 57.6 86.4#

98 2.5 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030256.D

Acq: 20 Mar 2023 14:18

Instrument :

MSVOA_V

ClientSampleId :

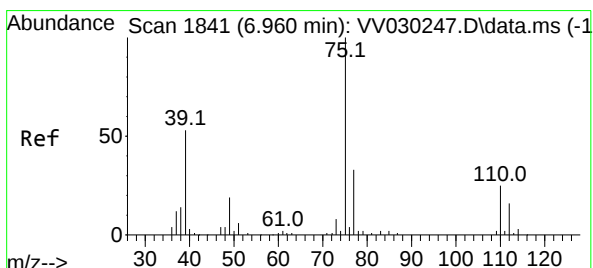
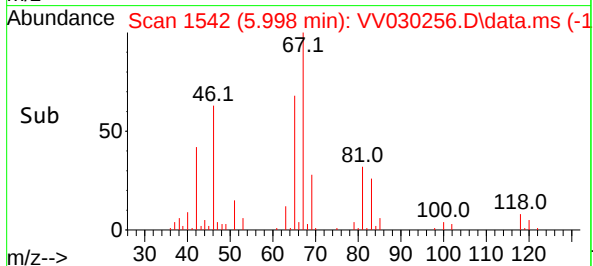
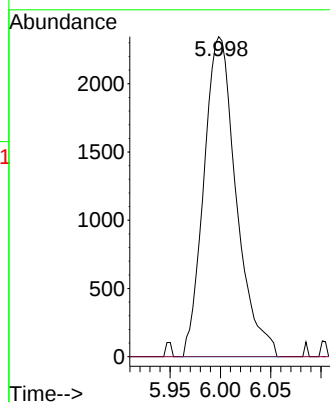
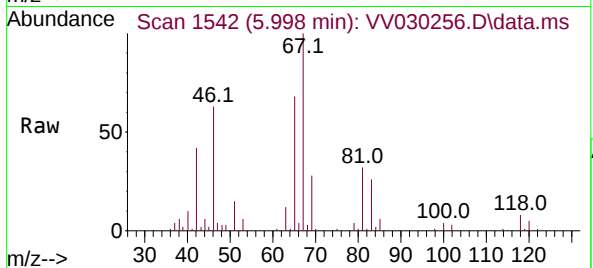
COBE0

Tgt Ion: 63 Resp: 5256

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VV030256.D

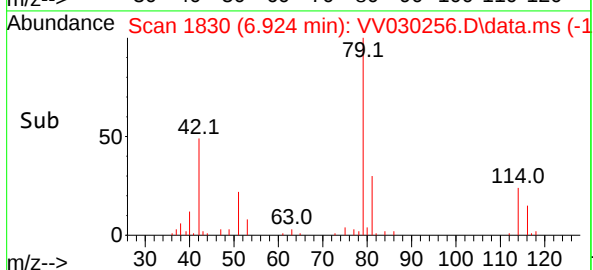
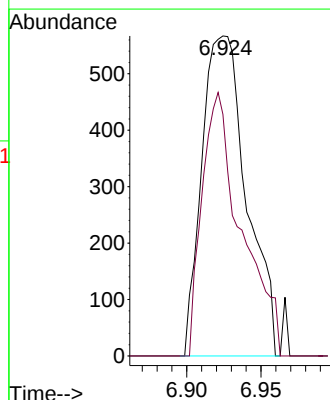
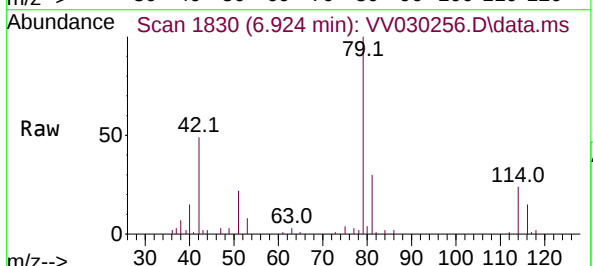
Acq: 20 Mar 2023 14:18

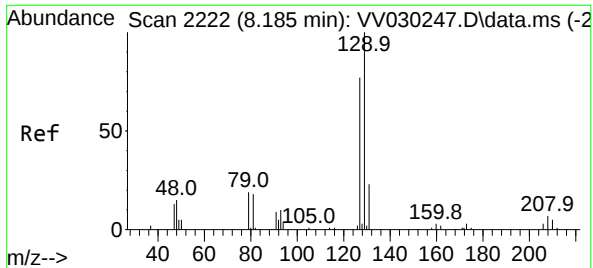
Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

77 75.5 22.3 41.3#

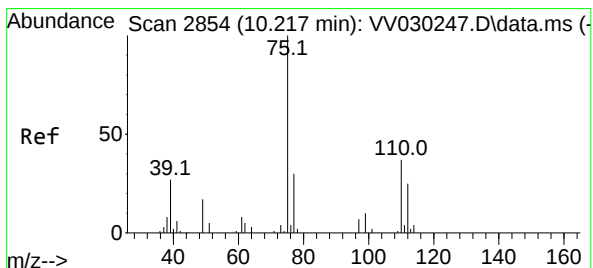
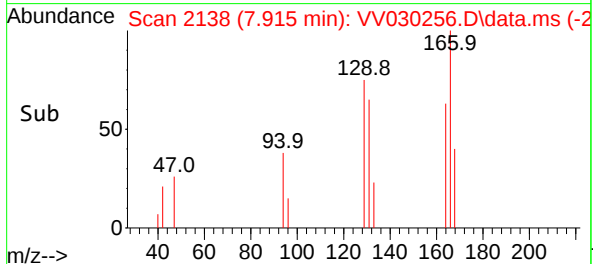
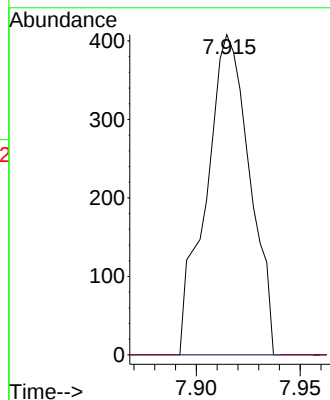
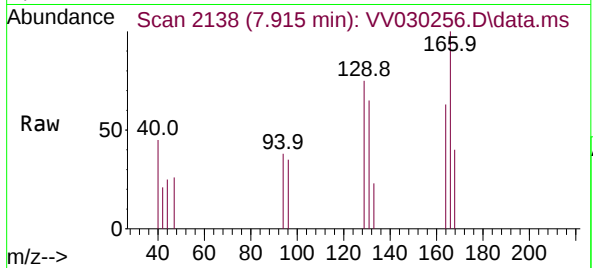




#49
Dibromochloromethane
Concen: 0.080 ug/L
RT: 7.915 min Scan# 21
Delta R.T. -0.270 min
Lab File: VV030256.D
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Instrument :
MSVOA_V
ClientSampleId :
COBE0

Tgt Ion:129 Resp: 598
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



#61
1,2,3-Trichloropropane
Concen: 1.554 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV030256.D
Acq: 20 Mar 2023 14:18

Tgt Ion: 75 Resp: 6657
Ion Ratio Lower Upper
75 100
77 37.4 26.5 39.7
110 2.6 31.8 47.6#

