

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025820.D
 Acq On : 04 May 2022 02:40
 Operator : SY/MD
 Sample : N2670-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

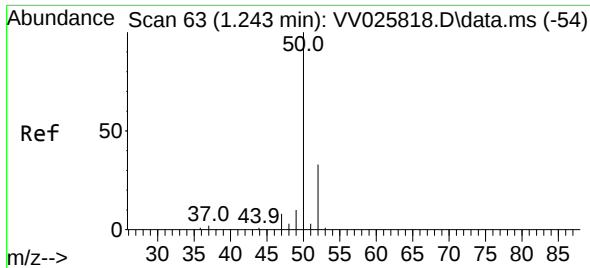
Instrument :
 MSVOA_V
 ClientSampleId :
 COW07

Quant Time: May 04 08:12:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 07:57:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	143878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72607	4.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.571	69	66874	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.111	63	105021	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.902	46	104261	48.308	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.620%
24) Chloroform-d	4.352	84	112157	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.034	65	54374	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.053	84	221244	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.069	67	68028	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.317	98	177886	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.625	79	18493	4.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.088	63	85910	48.972	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43648	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	61803	5.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	779	0.039	ug/L	93
6) Bromomethane	1.529	94	453	0.042	ug/L #	46
13) Acetone	2.198	43	9077	6.390	ug/L	69
16) Methylene chloride	2.513	84	8952	0.666	ug/L	96
25) Chloroform	4.378	83	2219	0.098	ug/L	85
35) Methylcyclohexane	6.072	83	16745	0.819	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7914	0.646	ug/L #	85
38) Bromodichloromethane	6.523	83	1028	0.068	ug/L #	97
39) cis-1,3-Dichloropropene	6.989	75	1439	0.096	ug/L #	36
49) Dibromochloromethane	8.249	129	6548	0.759	ug/L	99
59) Bromoform	9.738	173	2123	0.656	ug/L #	86
61) 1,2,3-Trichloropropane	11.249	75	8835	1.603	ug/L #	62

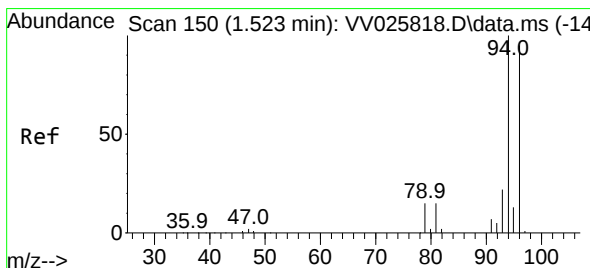
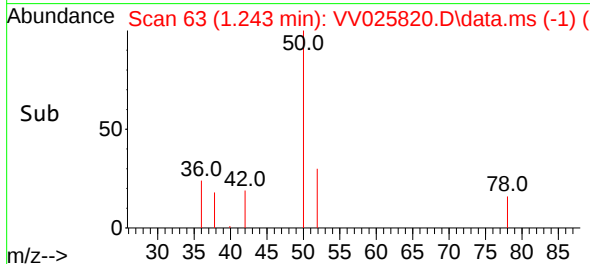
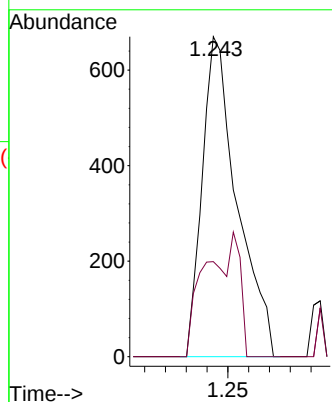
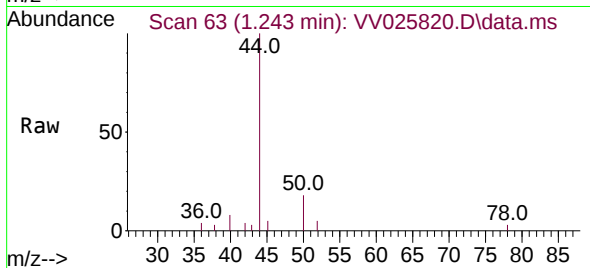
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025820.D
Acq: 04 May 2022 02:40

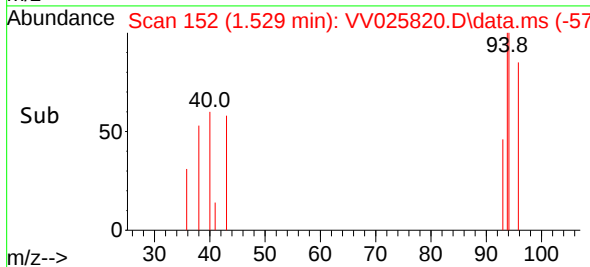
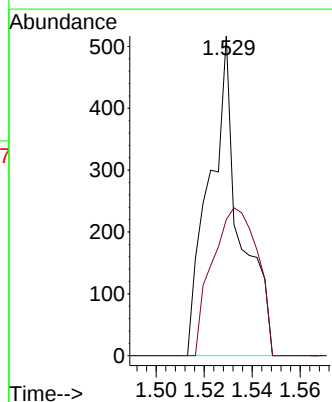
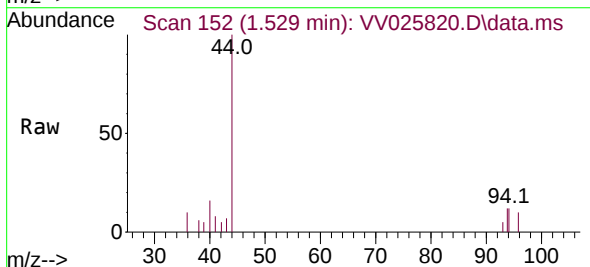
Instrument :
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ClientSampleId :
COW07

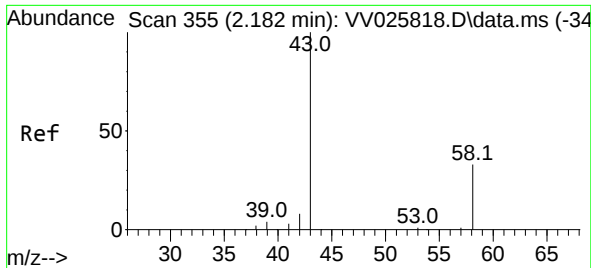
Tgt Ion: 50 Resp: 779
Ion Ratio Lower Upper
50 100
52 29.7 23.7 43.9



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.007 min
Lab File: VV025820.D
Acq: 04 May 2022 02:40

Tgt Ion: 94 Resp: 453
Ion Ratio Lower Upper
94 100
96 42.6 66.1 122.7#





#13

Acetone

Concen: 6.390 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :

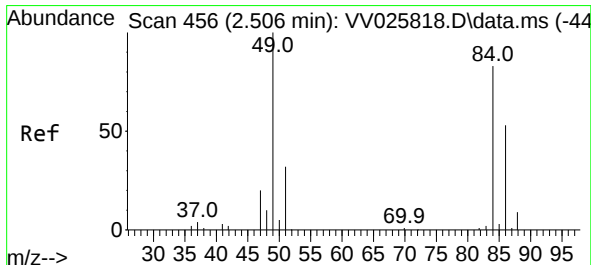
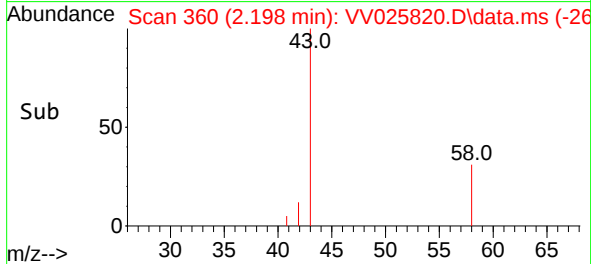
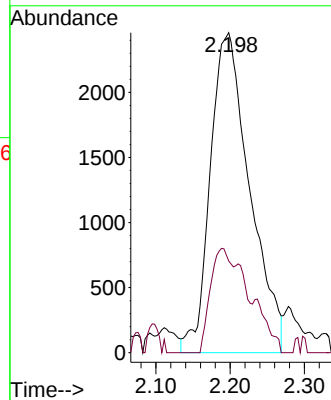
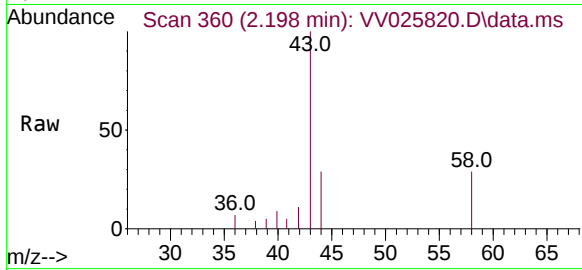
COW07

Tgt Ion: 43 Resp: 9077

Ion Ratio Lower Upper

43 100

58 17.6 0.0 72.2



#16

Methylene chloride

Concen: 0.666 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.007 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

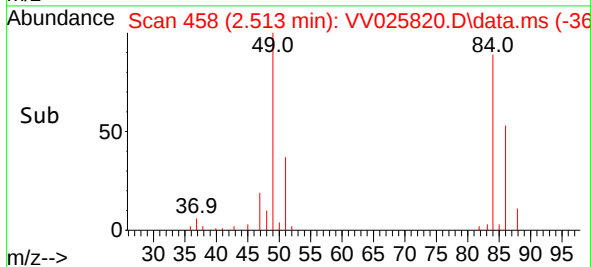
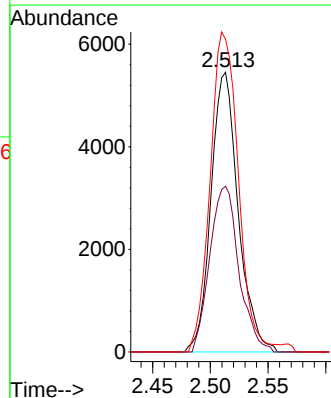
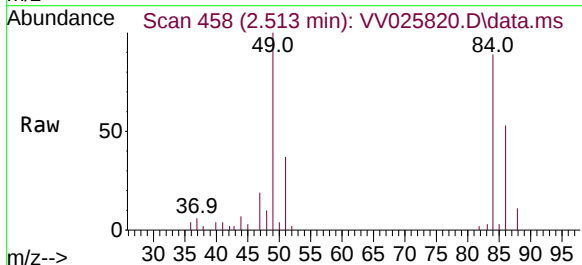
Tgt Ion: 84 Resp: 8952

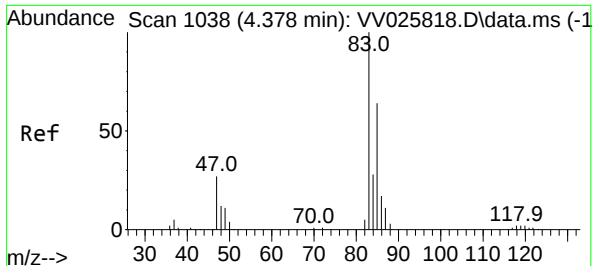
Ion Ratio Lower Upper

84 100

86 59.2 45.9 85.3

49 111.8 76.6 142.3





#25

Chloroform

Concen: 0.098 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :

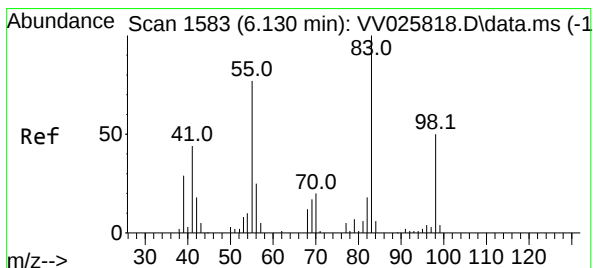
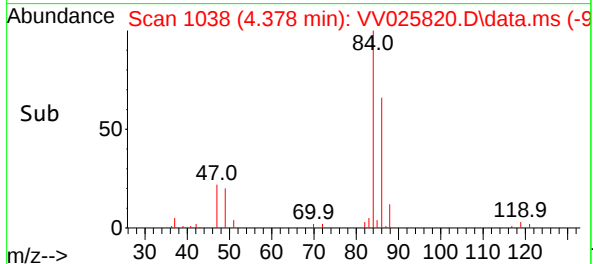
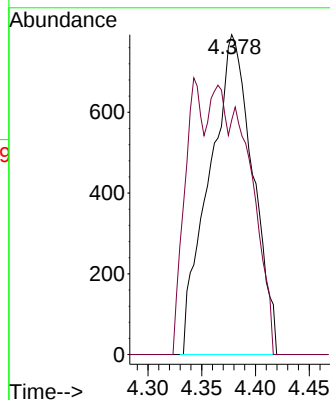
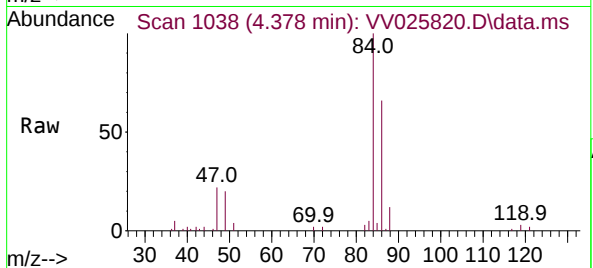
COW07

Tgt Ion: 83 Resp: 2219

Ion Ratio Lower Upper

83 100

85 73.4 43.5 80.7



#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

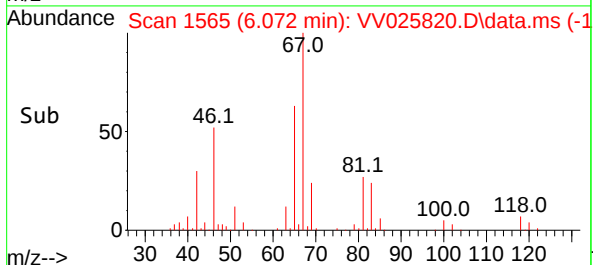
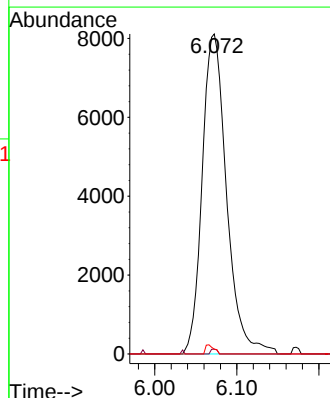
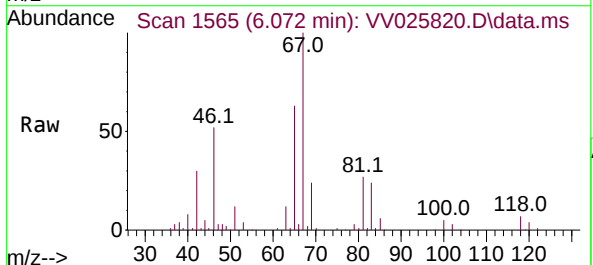
Tgt Ion: 83 Resp: 16745

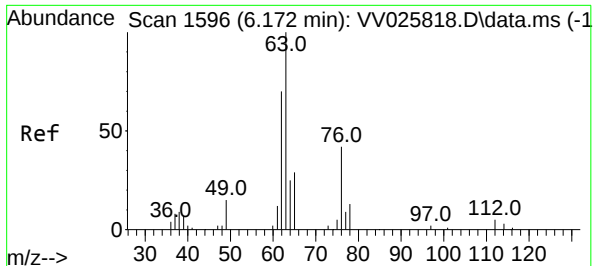
Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 1.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.646 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :

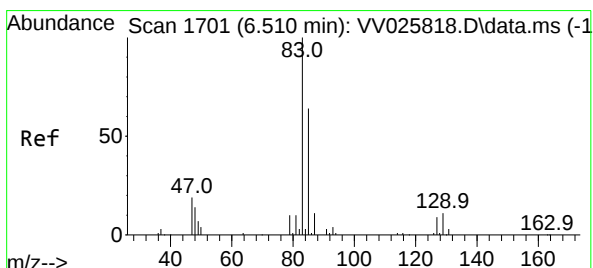
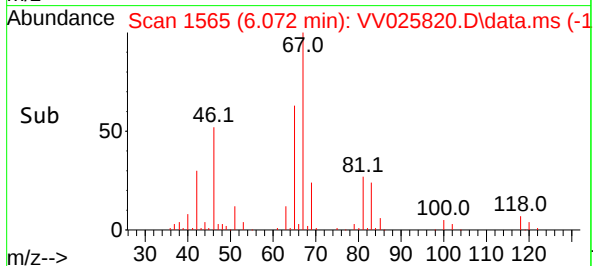
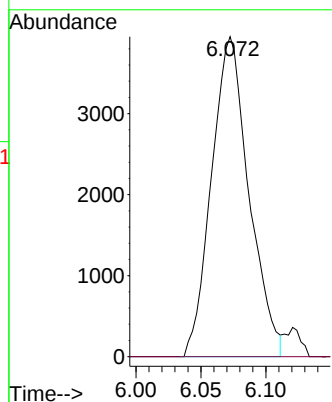
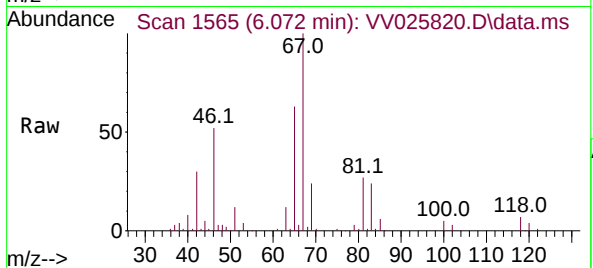
COW07

Tgt Ion: 63 Resp: 7914

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 0.068 ug/L

RT: 6.523 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

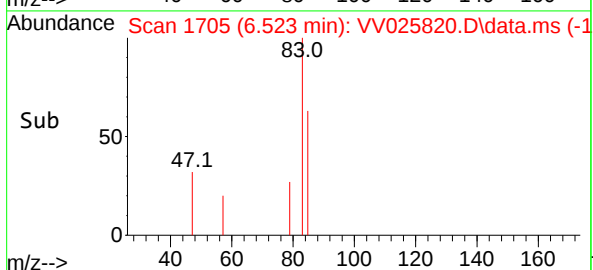
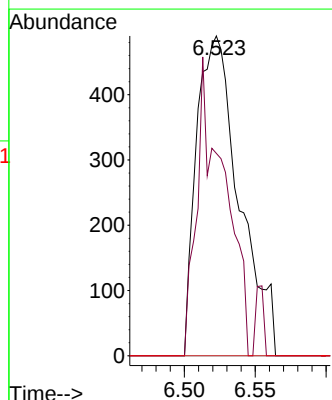
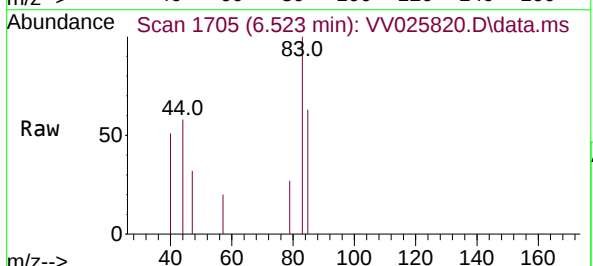
Tgt Ion: 83 Resp: 1028

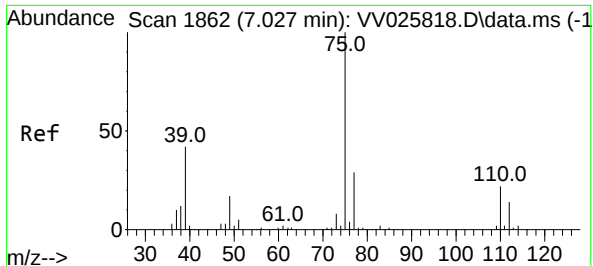
Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.4

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :

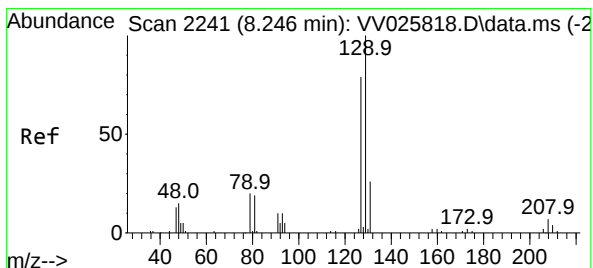
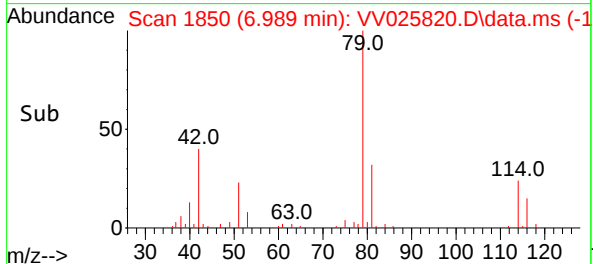
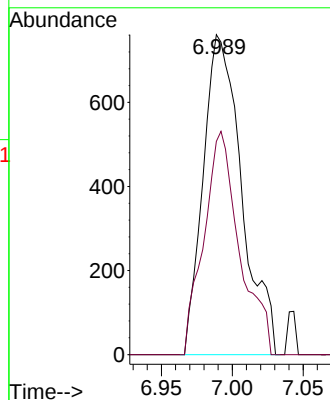
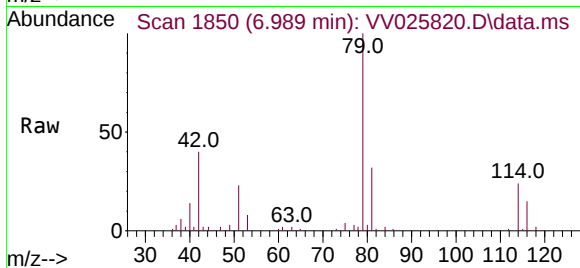
COW07

Tgt Ion: 75 Resp: 1439

Ion Ratio Lower Upper

75 100

77 66.6 21.8 40.6#



#49

Dibromochloromethane

Concen: 0.759 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV025820.D

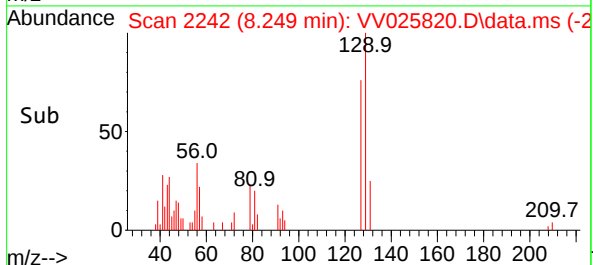
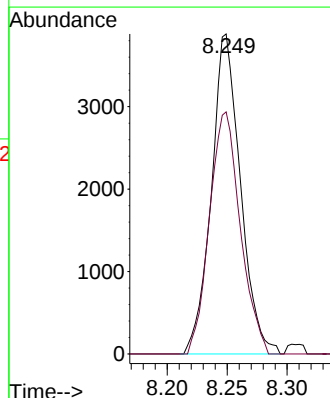
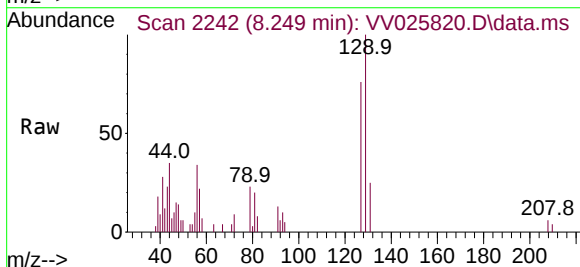
Acq: 04 May 2022 02:40

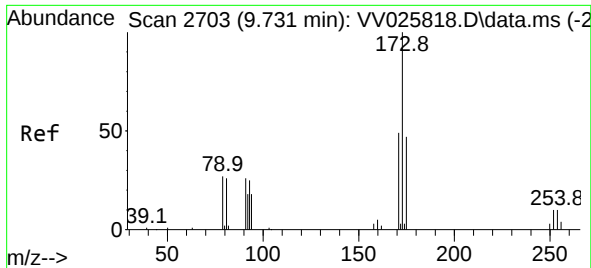
Tgt Ion: 129 Resp: 6548

Ion Ratio Lower Upper

129 100

127 75.7 53.8 100.0





#59

Bromoform

Concen: 0.656 ug/L

RT: 9.738 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :

COW07

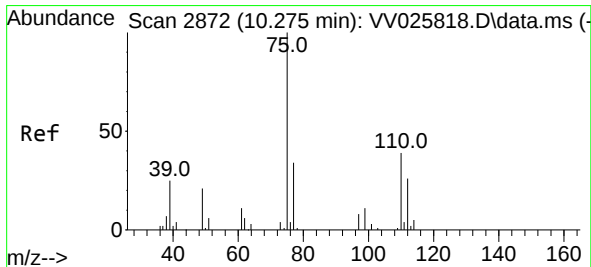
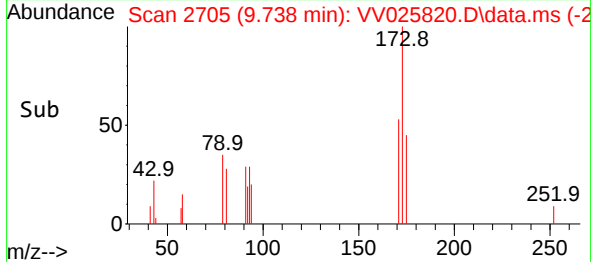
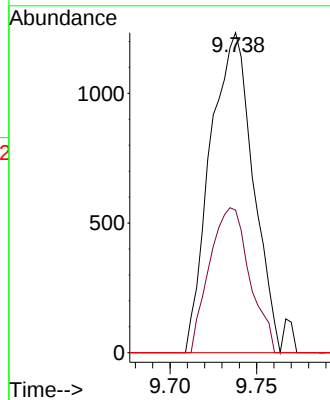
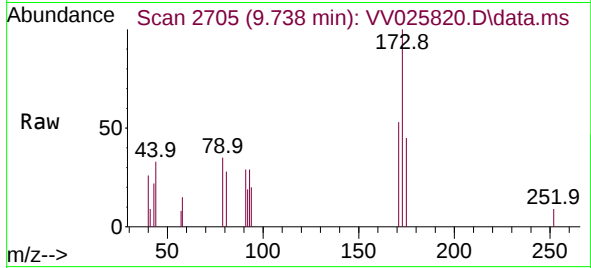
Tgt Ion:173 Resp: 2123

Ion Ratio Lower Upper

173 100

175 42.5 40.8 61.2

254 0.0 7.0 10.6#



#61

1,2,3-Trichloropropane

Concen: 1.603 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV025820.D

Acq: 04 May 2022 02:40

Tgt Ion: 75 Resp: 8835

Ion Ratio Lower Upper

75 100

77 34.1 25.6 38.4

110 2.3 34.7 52.1#

