

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052677.D
 Acq On : 13 Jan 2023 19:44
 Operator : JC/MD
 Sample : N1139-08 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH202

Quant Time: Jan 13 22:28:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

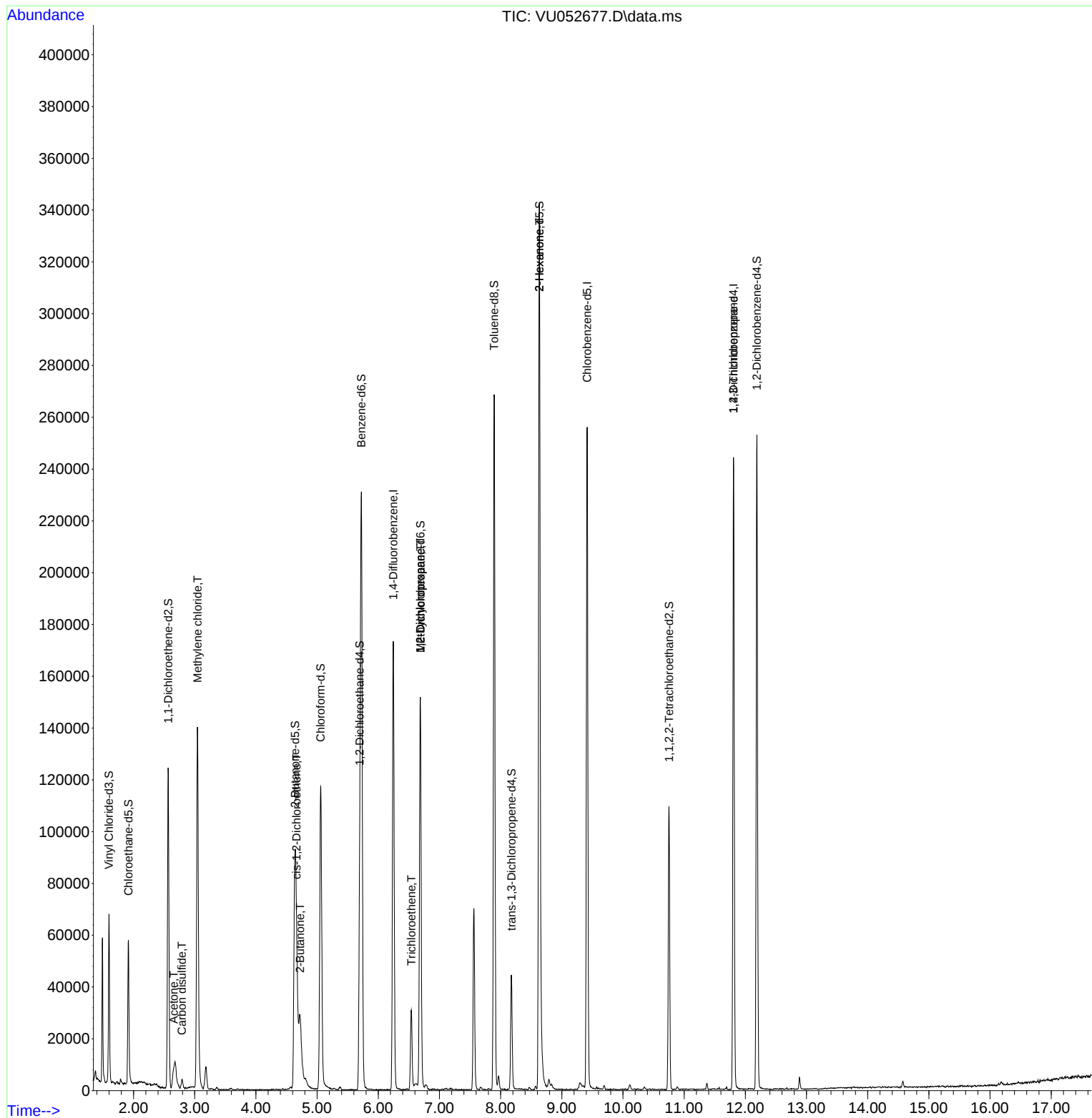
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	137633	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	63543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	46915	3.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.916	69	44121	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.565	65	23101	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.639	46	160651	49.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.380%
24) Chloroform-d	5.057	84	112524	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.697	65	59781	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.723	84	220309	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.687	67	73103	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.893	98	178022	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.176	79	24272	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.633	63	118395	50.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.600%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	53380	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	64237	5.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
13) Acetone	2.655	43	20103	8.670	ug/L	94
14) Carbon disulfide	2.790	76	5211	0.126	ug/L	99
16) Methylene chloride	3.044	84	67949	4.279	ug/L	94
21) 2-Butanone	4.723	43	45045	12.068	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	6676	0.511	ug/L	98
34) Trichloroethene	6.540	95	10732	0.821	ug/L	93
35) Methylcyclohexane	6.687	83	16718	0.774	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	7454	0.502	ug/L #	89
48) 2-Hexanone	8.633	43	14306	2.303	ug/L #	76
61) 1,2,3-Trichloropropane	11.806	75	7187	0.973	ug/L #	67

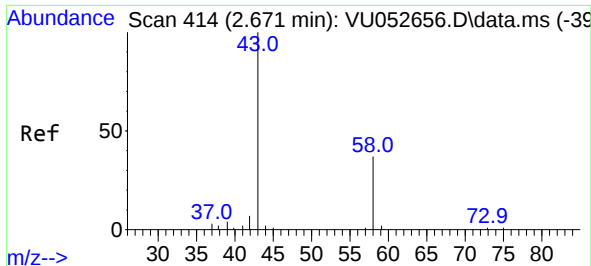
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.670 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU052677.D

Acq: 13 Jan 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

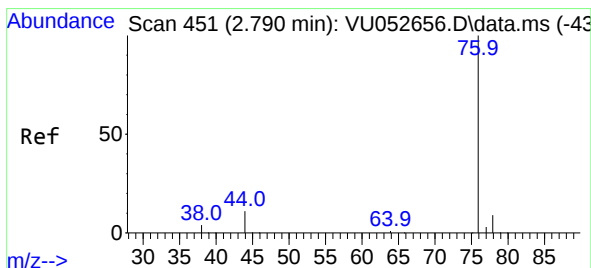
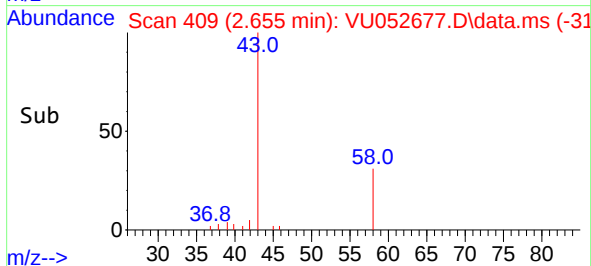
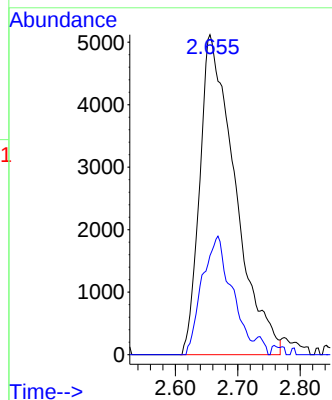
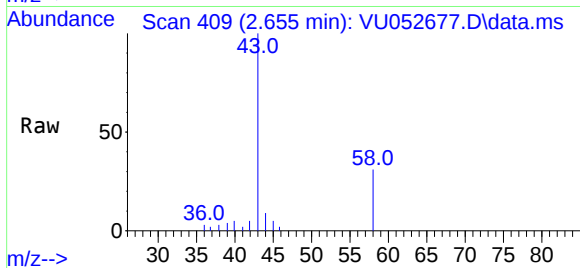
BH202

Tgt Ion: 43 Resp: 20103

Ion Ratio Lower Upper

43 100

58 31.1 0.0 68.8



#14

Carbon disulfide

Concen: 0.126 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052677.D

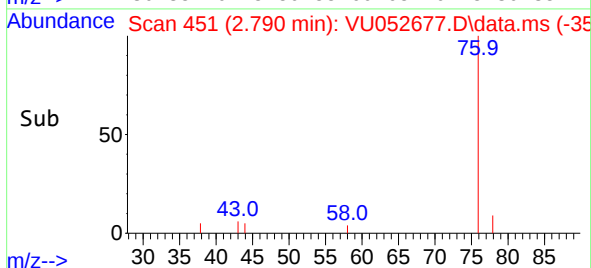
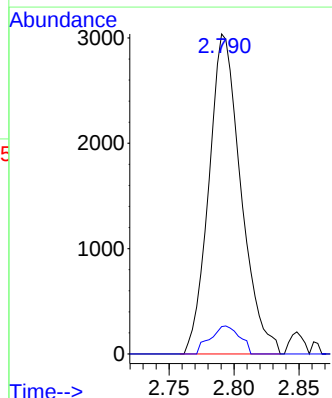
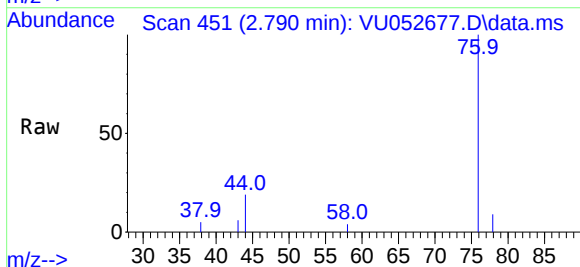
Acq: 13 Jan 2023 19:44

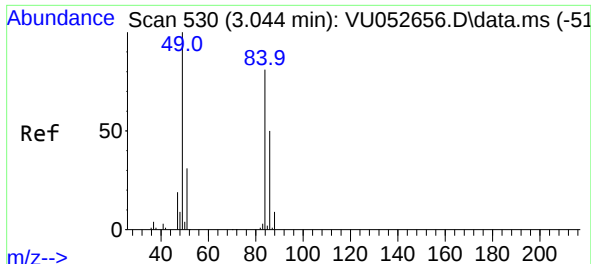
Tgt Ion: 76 Resp: 5211

Ion Ratio Lower Upper

76 100

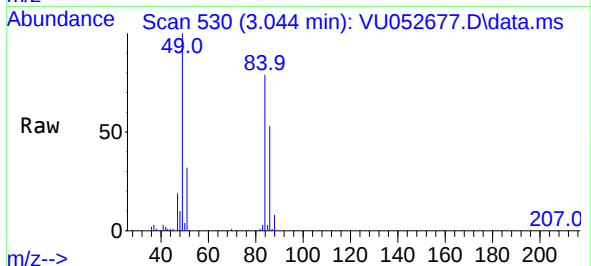
78 8.6 7.0 10.6



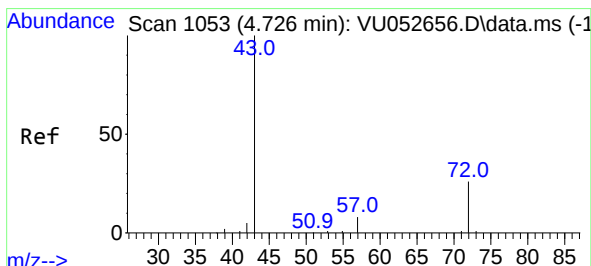
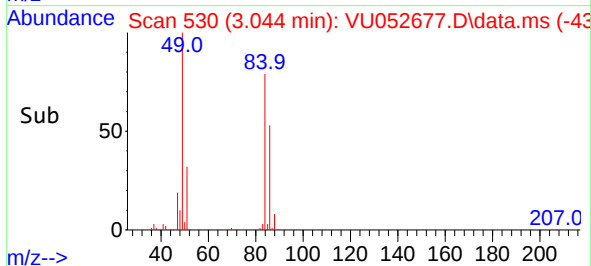
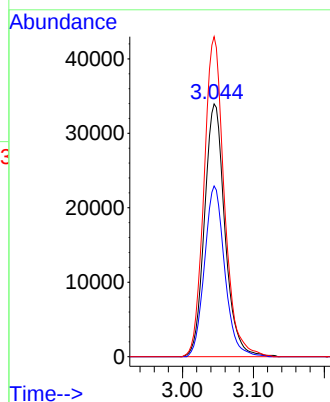


#16
Methylene chloride
Concen: 4.279 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052677.D
Acq: 13 Jan 2023 19:44

Instrument :
MSVOA_U
ClientSampleId :
BH202

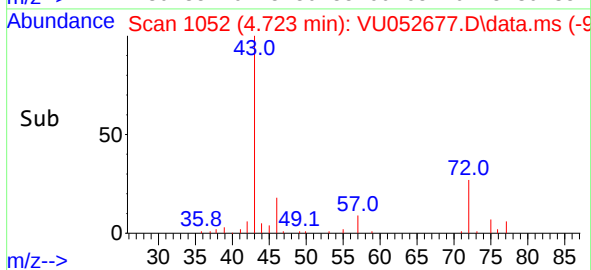
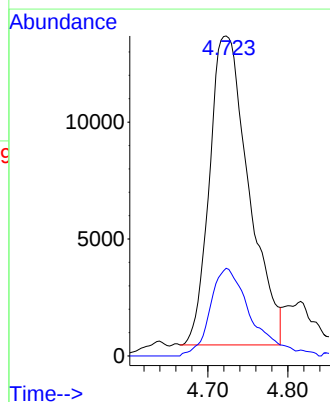
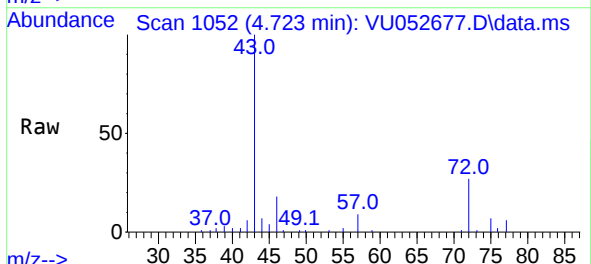


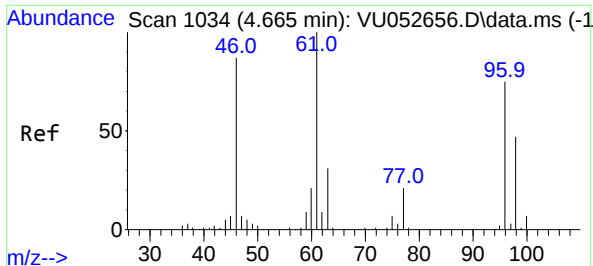
Tgt Ion: 84 Resp: 67949
Ion Ratio Lower Upper
84 100
86 67.6 45.6 84.6
49 126.6 94.8 176.0



#21
2-Butanone
Concen: 12.068 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.007 min
Lab File: VU052677.D
Acq: 13 Jan 2023 19:44

Tgt Ion: 43 Resp: 45045
Ion Ratio Lower Upper
43 100
72 29.3 12.9 38.6



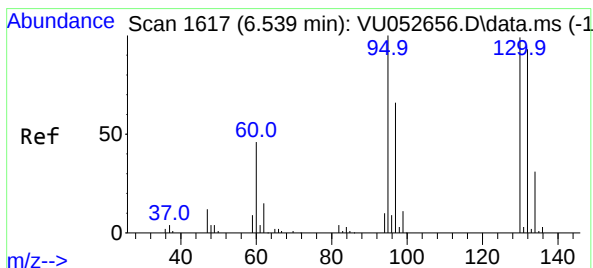
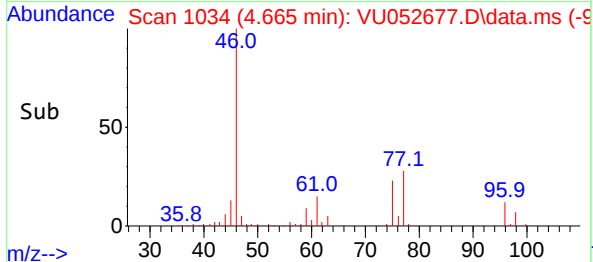
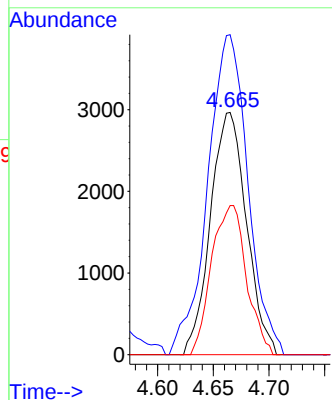
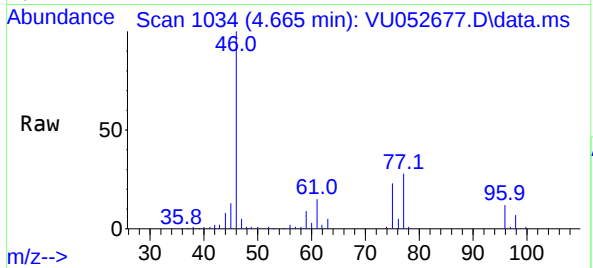


#22
cis-1,2-Dichloroethene
Concen: 0.511 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052677.D
Acq: 13 Jan 2023 19:44

Instrument :
MSVOA_U
ClientSampleId :
BH202

Tgt Ion: 96 Resp: 6676

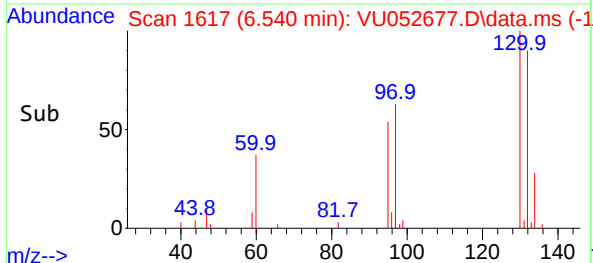
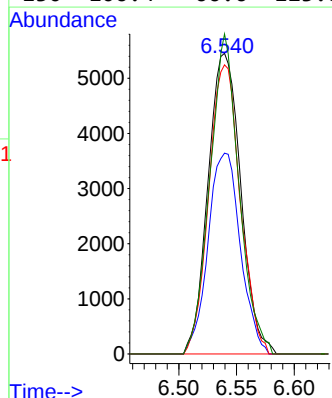
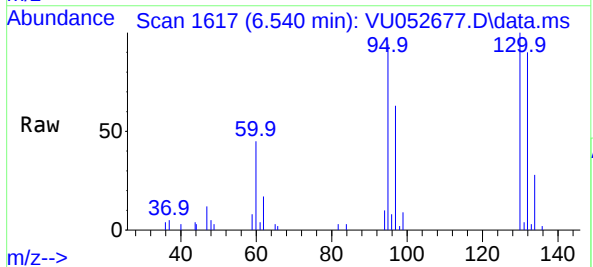
Ion	Ratio	Lower	Upper
96	100		
61	132.1	94.6	175.8
98	61.6	43.3	80.3

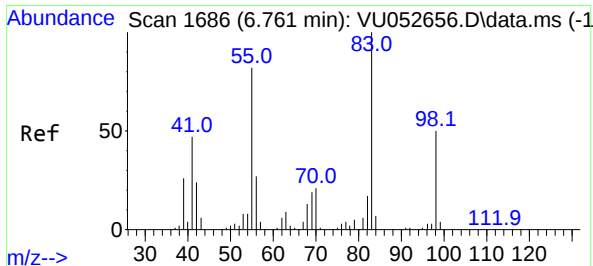


#34
Trichloroethene
Concen: 0.821 ug/L
RT: 6.540 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052677.D
Acq: 13 Jan 2023 19:44

Tgt Ion: 95 Resp: 10732

Ion	Ratio	Lower	Upper
95	100		
97	66.8	46.0	85.4
132	96.1	64.0	118.8
130	106.4	66.6	123.8





#35

Methylcyclohexane

Concen: 0.774 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.070 min

Lab File: VU052677.D

Acq: 13 Jan 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

BH202

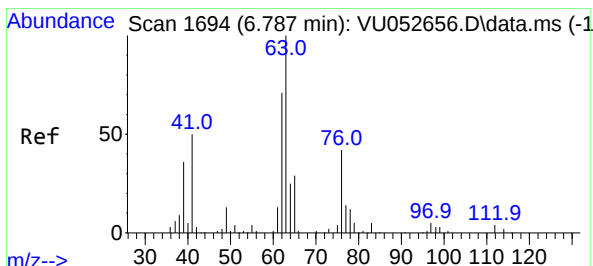
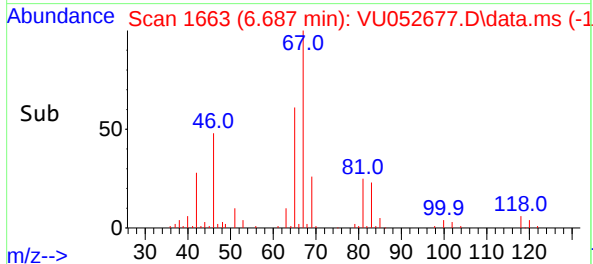
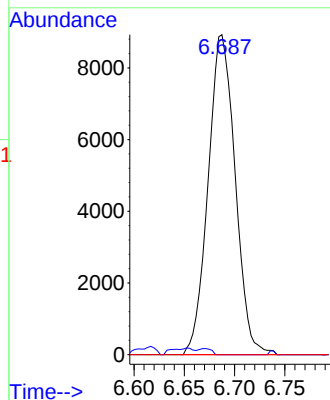
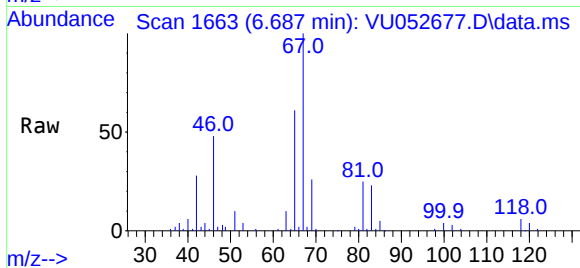
Tgt Ion: 83 Resp: 16718

Ion Ratio Lower Upper

83 100

55 0.9 67.6 101.4#

98 0.0 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.099 min

Lab File: VU052677.D

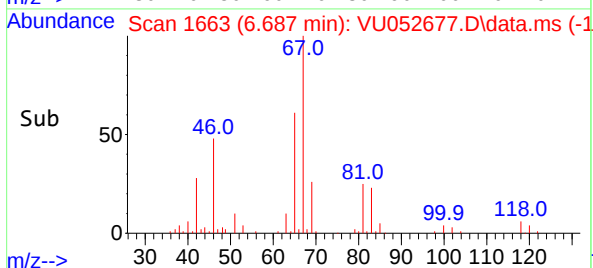
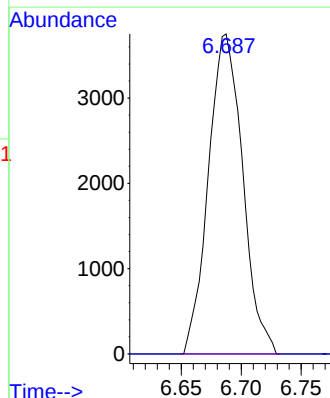
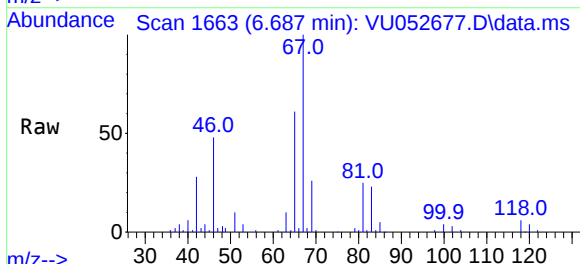
Acq: 13 Jan 2023 19:44

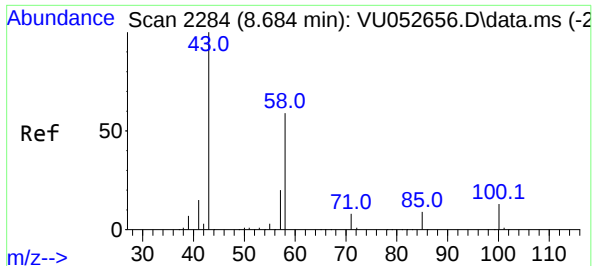
Tgt Ion: 63 Resp: 7454

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#48

2-Hexanone

Concen: 2.303 ug/L

RT: 8.633 min Scan# 21

Delta R.T. -0.048 min

Lab File: VU052677.D

Acq: 13 Jan 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 43 Resp: 14306

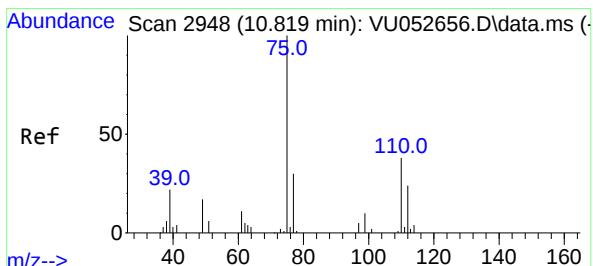
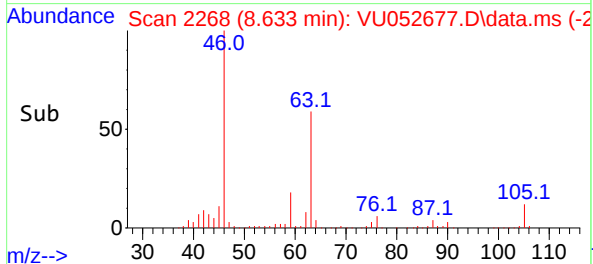
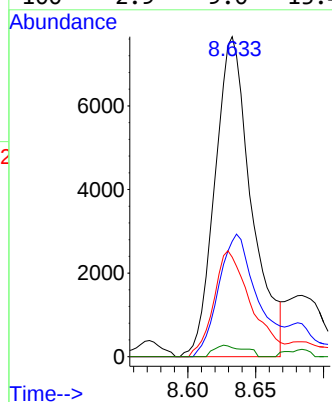
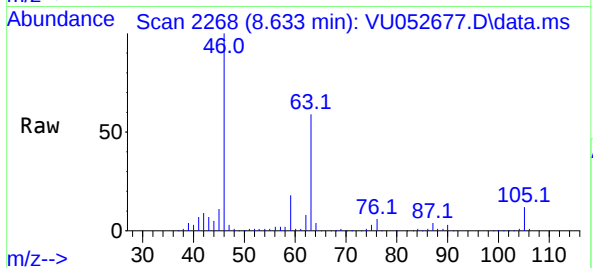
Ion Ratio Lower Upper

43 100

58 40.9 45.1 67.7#

57 34.0 15.1 22.7#

100 2.9 9.0 13.4#



#61

1,2,3-Trichloropropane

Concen: 0.973 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052677.D

Acq: 13 Jan 2023 19:44

Tgt Ion: 75 Resp: 7187

Ion Ratio Lower Upper

75 100

110 2.9 27.2 40.8#

77 34.5 24.0 36.0

