

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053078.D
 Acq On : 13 Feb 2023 14:07
 Operator : JC/MD
 Sample : 01512-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B47

Quant Time: Feb 14 00:46:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

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

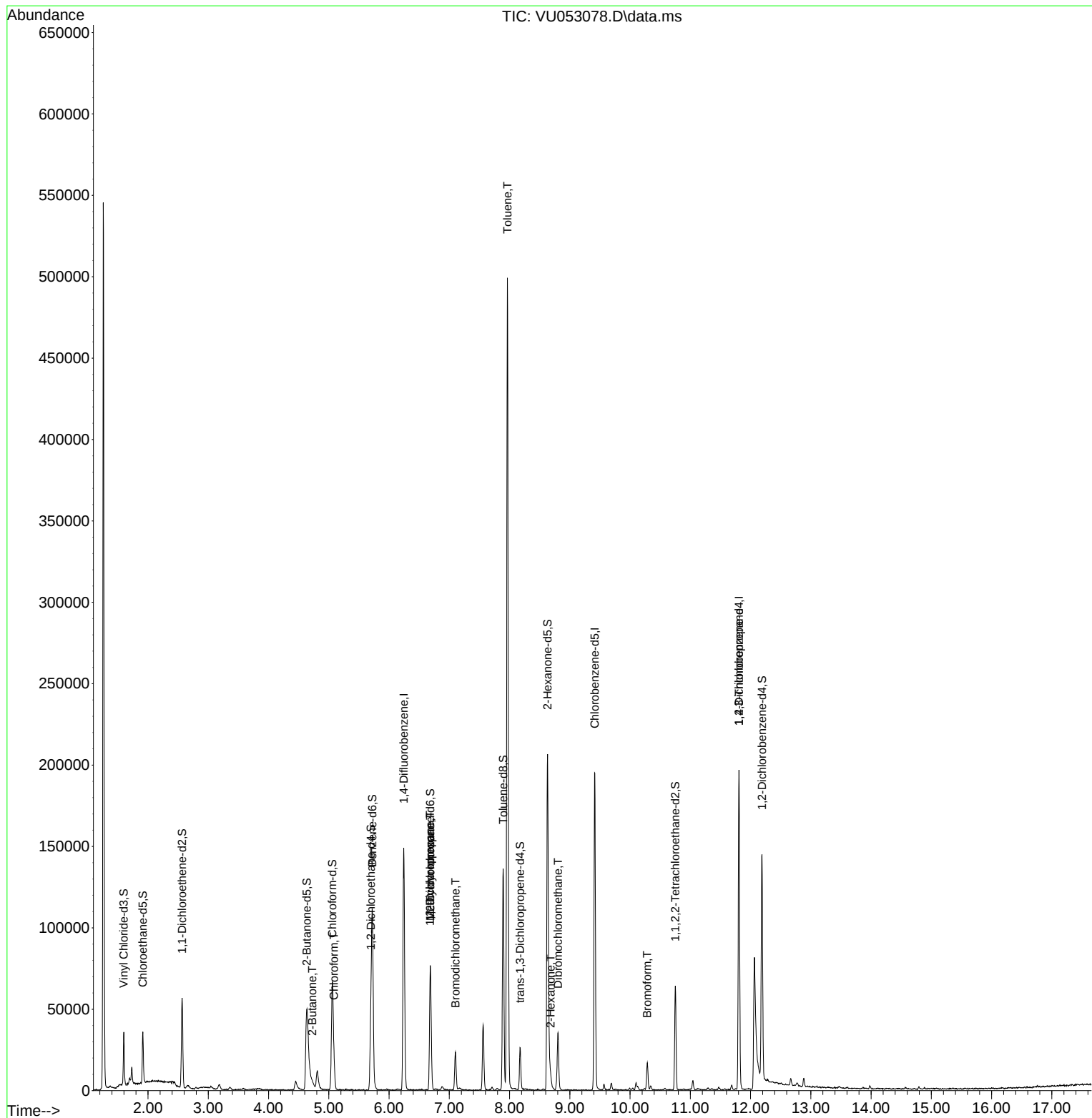
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	118598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	21828	3.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.913	69	22342	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.566	65	10107	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.633	46	90861	52.217	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.440%
24) Chloroform-d	5.058	84	57832	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	30274	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.723	84	106472	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.685	67	37656	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.894	98	92164	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.173	79	14881	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.630	63	75031	50.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	33059	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	34154	4.574	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
21) 2-Butanone	4.723	43	4821	2.613	ug/L	90
25) Chloroform	5.083	83	12779	0.874	ug/L	95
35) Methylcyclohexane	6.685	83	8577	0.615	ug/L #	21
37) 1,2-Dichloropropane	6.681	63	3877	0.465	ug/L #	90
38) Bromodichloromethane	7.103	83	15133	1.401	ug/L	94
42) Toluene	7.964	91	368564	11.091	ug/L	98
48) 2-Hexanone	8.681	43	5143	1.611	ug/L #	95
49) Dibromochloromethane	8.803	129	17456	2.668	ug/L	97
59) Bromoform	10.286	173	6942	1.911	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	6750	1.406	ug/L #	69

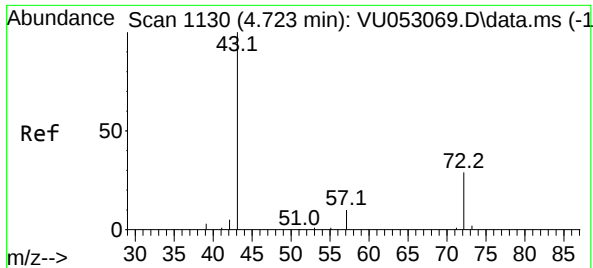
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.613 ug/L

RT: 4.723 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU053078.D

Acq: 13 Feb 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

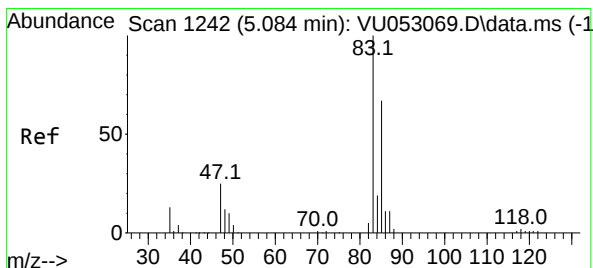
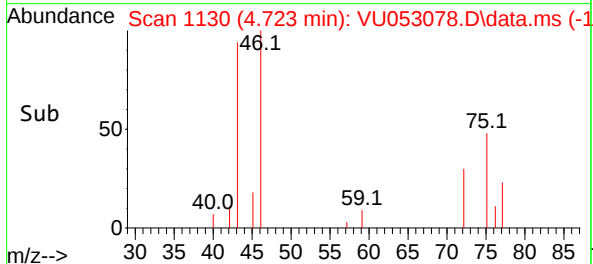
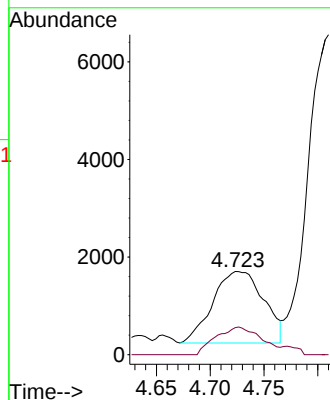
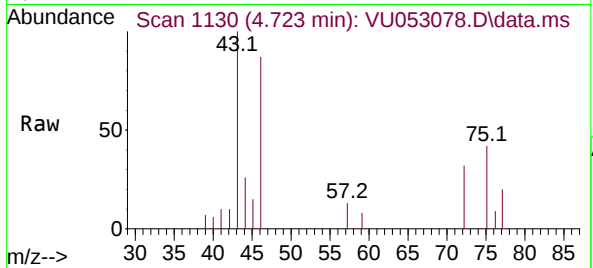
C0B47

Tgt Ion: 43 Resp: 4821

Ion Ratio Lower Upper

43 100

72 34.6 14.5 43.5



#25

Chloroform

Concen: 0.874 ug/L

RT: 5.083 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VU053078.D

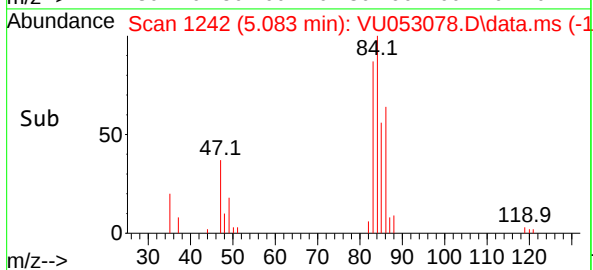
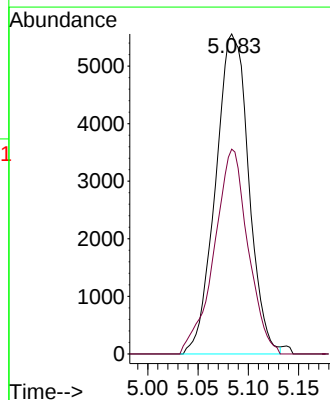
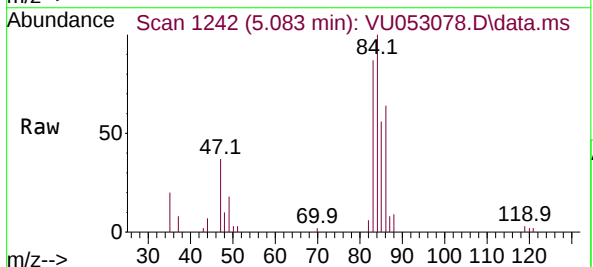
Acq: 13 Feb 2023 14:07

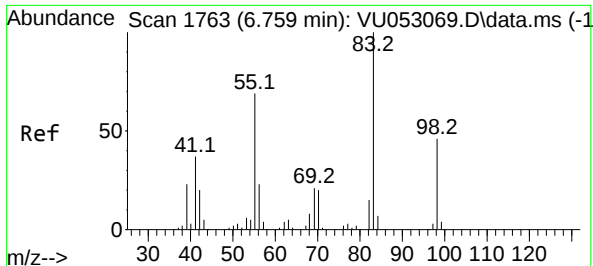
Tgt Ion: 83 Resp: 12779

Ion Ratio Lower Upper

83 100

85 64.0 47.7 88.5

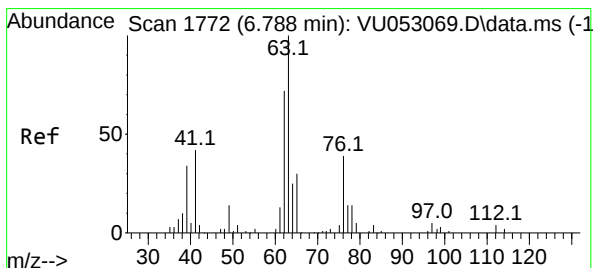
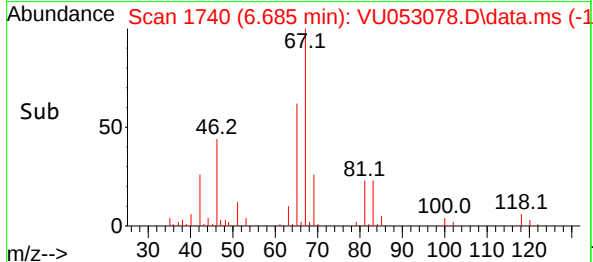
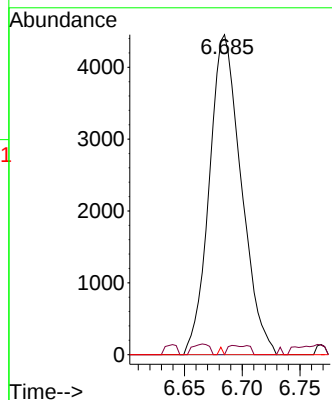
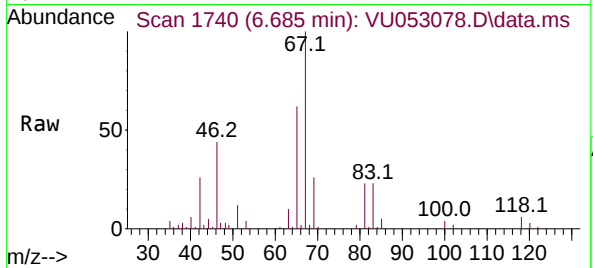




#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 6.685 min Scan# 1739
Delta R.T. -0.074 min
Lab File: VU053078.D
Acq: 13 Feb 2023 14:07

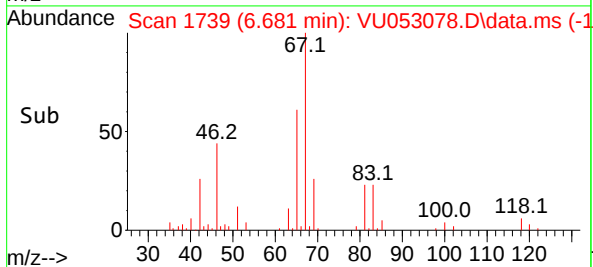
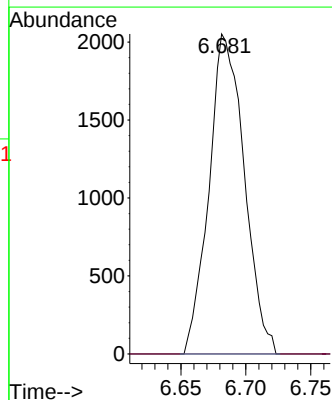
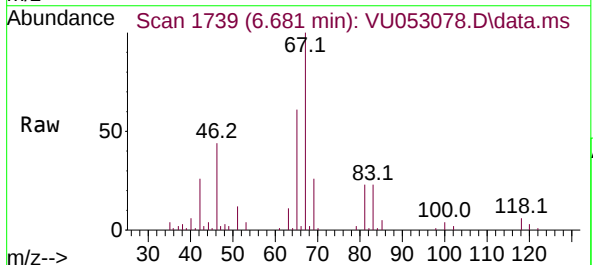
Instrument :
MSVOA_U
ClientSampleId :
C0B47

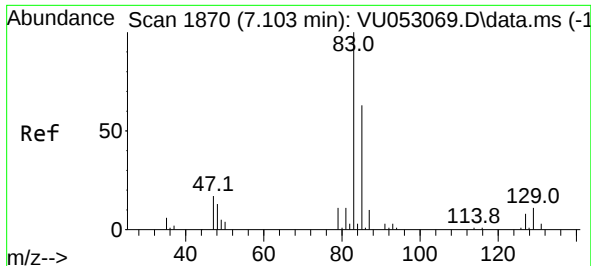
Tgt Ion: 83 Resp: 8577
Ion Ratio Lower Upper
83 100
55 1.1 57.9 86.9#
98 0.2 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.681 min Scan# 1739
Delta R.T. -0.106 min
Lab File: VU053078.D
Acq: 13 Feb 2023 14:07

Tgt Ion: 63 Resp: 3877
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

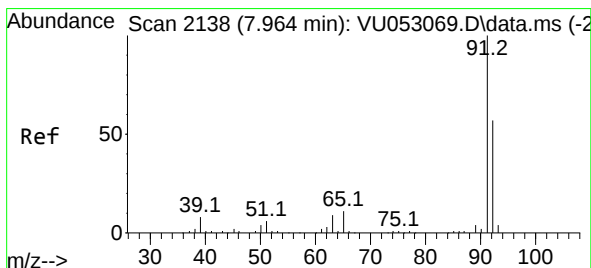
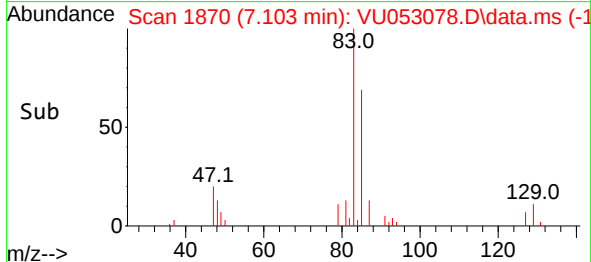
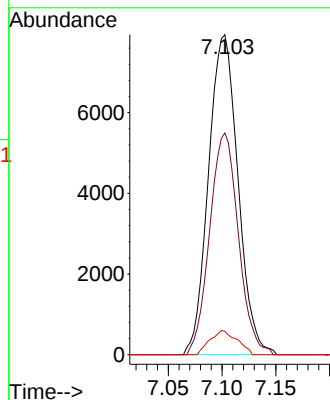
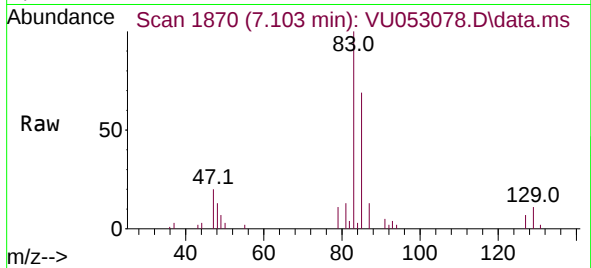




#38
Bromodichloromethane
Concen: 1.401 ug/L
RT: 7.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053078.D
Acq: 13 Feb 2023 14:07

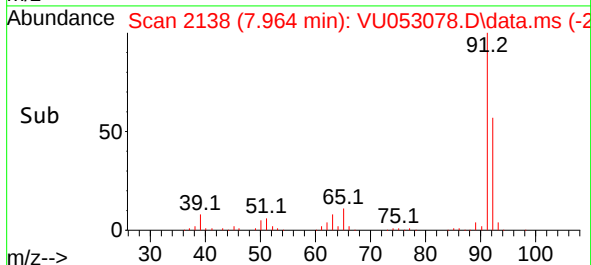
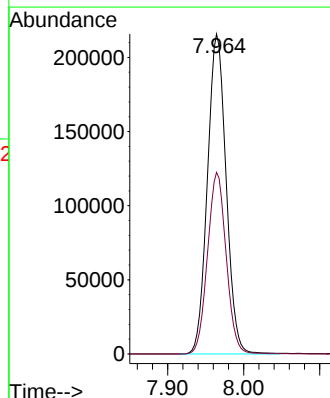
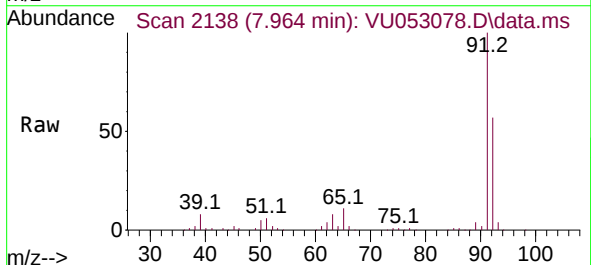
Instrument :
MSVOA_U
ClientSampleId :
C0B47

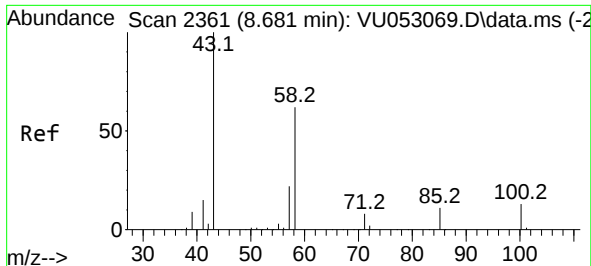
Tgt Ion: 83 Resp: 15133
Ion Ratio Lower Upper
83 100
85 69.3 44.7 82.9
127 7.3 6.3 9.5



#42
Toluene
Concen: 11.091 ug/L
RT: 7.964 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU053078.D
Acq: 13 Feb 2023 14:07

Tgt Ion: 91 Resp: 368564
Ion Ratio Lower Upper
91 100
92 56.7 40.5 75.3





#48

2-Hexanone

Concen: 1.611 ug/L

RT: 8.681 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053078.D

Acq: 13 Feb 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

C0B47

Tgt Ion: 43 Resp: 5143

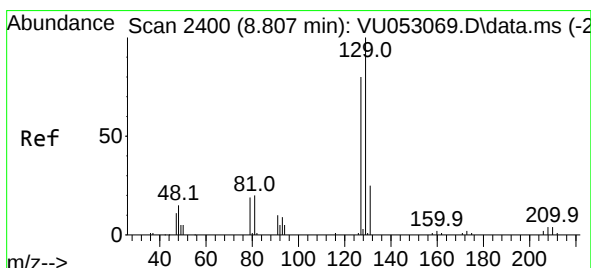
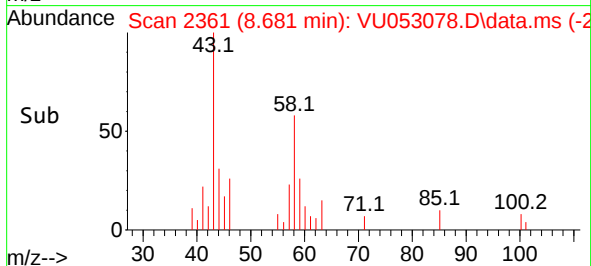
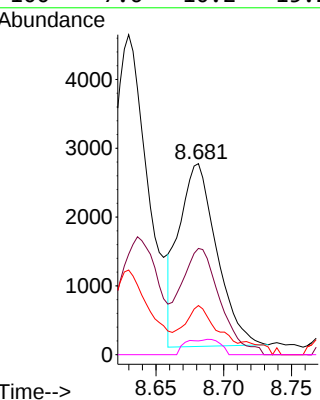
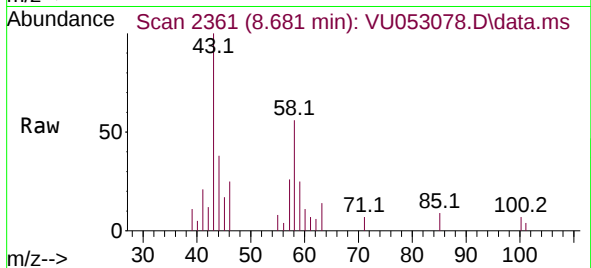
Ion Ratio Lower Upper

43 100

58 61.3 50.3 75.5

57 16.9 17.4 26.0#

100 7.6 10.2 15.2#



#49

Dibromochloromethane

Concen: 2.668 ug/L

RT: 8.803 min Scan# 2399

Delta R.T. -0.003 min

Lab File: VU053078.D

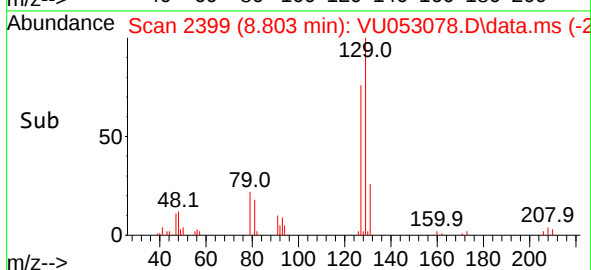
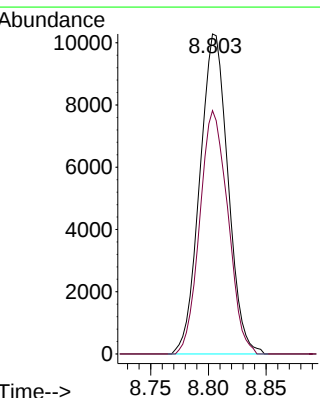
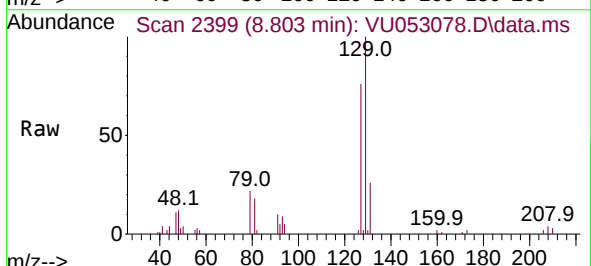
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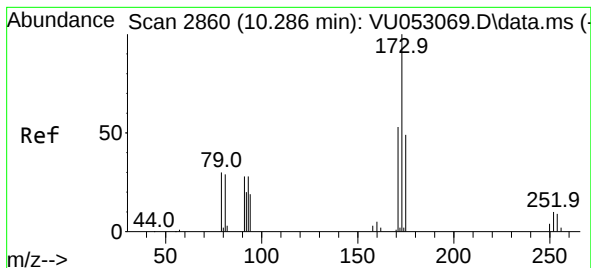
Tgt Ion:129 Resp: 17456

Ion Ratio Lower Upper

129 100

127 76.1 54.9 102.1





#59

Bromoform

Concen: 1.911 ug/L

RT: 10.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053078.D

Acq: 13 Feb 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

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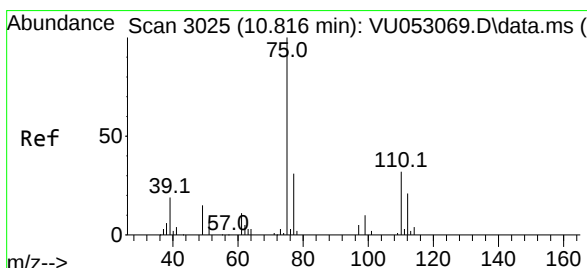
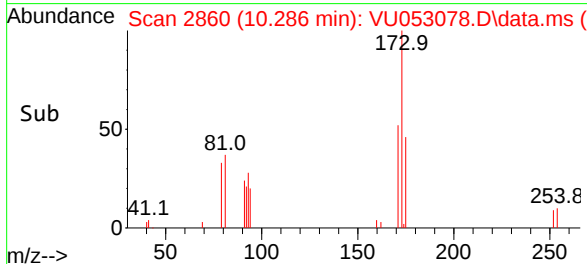
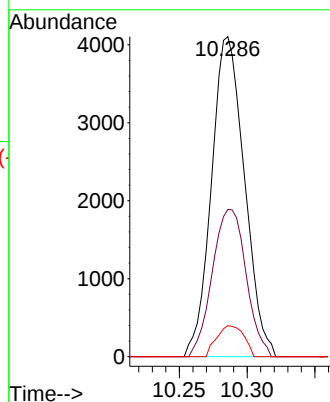
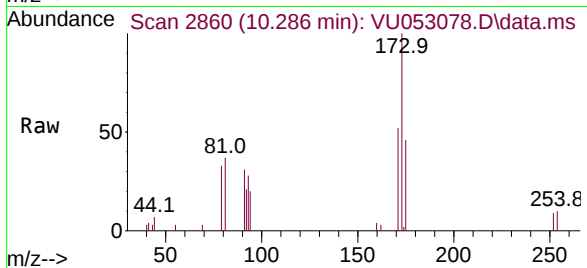
Tgt Ion:173 Resp: 6942

Ion Ratio Lower Upper

173 100

175 47.2 38.9 58.3

254 8.0 7.0 10.4



#61

1,2,3-Trichloropropane

Concen: 1.406 ug/L

RT: 11.807 min Scan# 3333

Delta R.T. 0.990 min

Lab File: VU053078.D

Acq: 13 Feb 2023 14:07

Tgt Ion: 75 Resp: 6750

Ion Ratio Lower Upper

75 100

110 0.6 28.6 42.8#

77 34.1 27.6 41.4

