

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071720\
 Data File : VU039542.D
 Acq On : 17 Jul 2020 11:25
 Operator : SY/MD
 Sample : L3292-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT96

Quant Time: Jul 17 23:40:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	78887	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20495	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	22803	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	32653	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.65	46	97572	46.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	5.09	84	49315	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	31870	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	96200	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.71	67	33178	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	83199	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	8.19	79	12803	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	70268	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29058	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33901	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	1258	0.217 ug/L	97
13) Acetone	2.66	43	7724	6.840 ug/L	81
15) Methyl Acetate	2.97	43	579	0.194 ug/L #	52
16) Methylene chloride	3.07	84	448	0.076 ug/L	80
21) 2-Butanone	4.74	43	7929	3.934 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	815	0.140 ug/L	89
25) Chloroform	5.11	83	3393	0.331 ug/L	98
34) Trichloroethene	6.56	95	7459	1.291 ug/L	93
35) Methylcyclohexane	6.71	83	6977	0.754 ug/L #	21
37) 1,2-Dichloropropane	6.71	63	3919	0.643 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1066	0.116 ug/L #	40
47) Tetrachloroethene	8.56	164	5194	1.292 ug/L	88
48) 2-Hexanone	8.70	43	3859	1.030 ug/L #	89
49) Dibromochloromethane	8.56	129	5402	1.019 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5730	1.276 ug/L	93

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

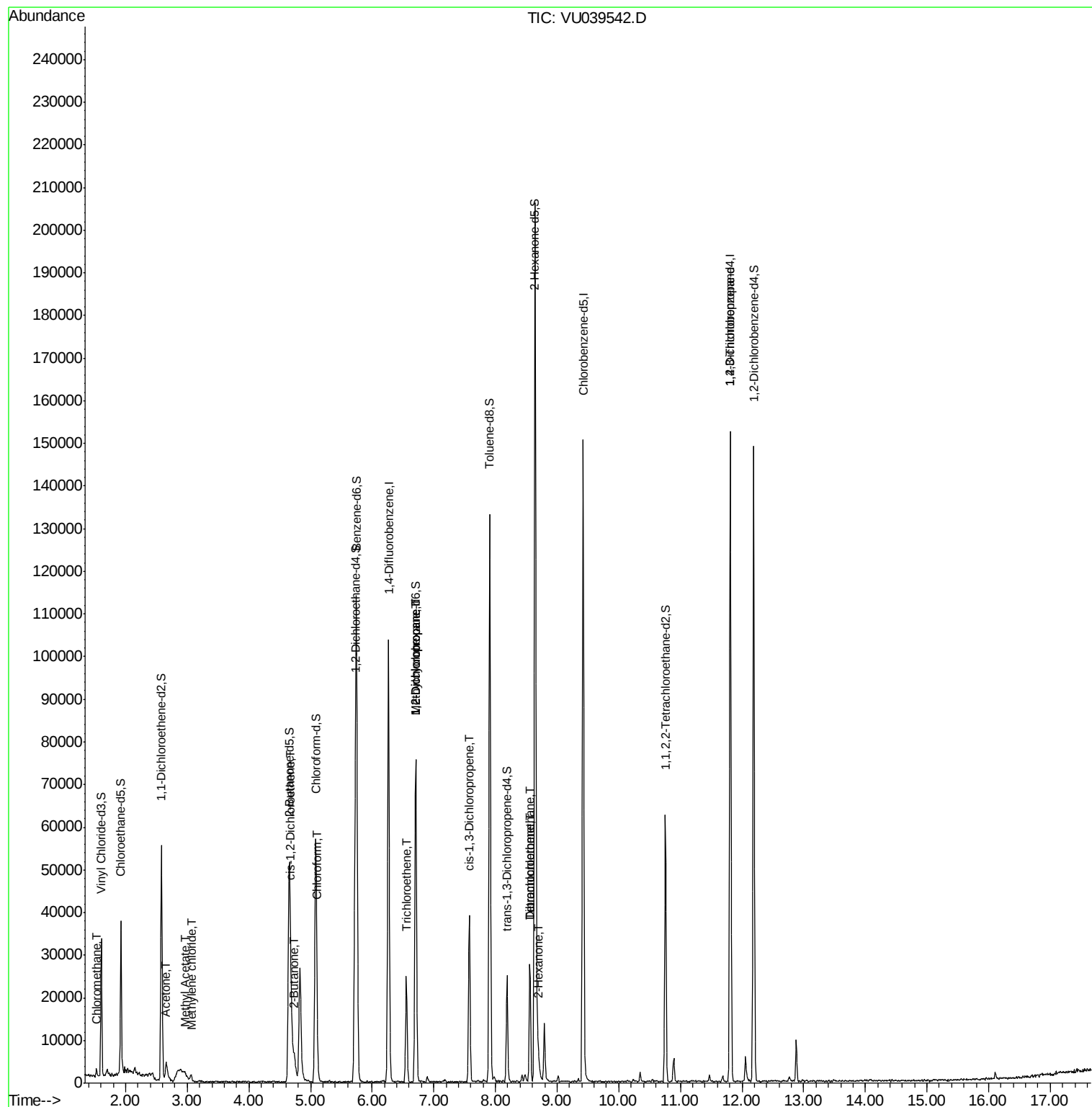
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

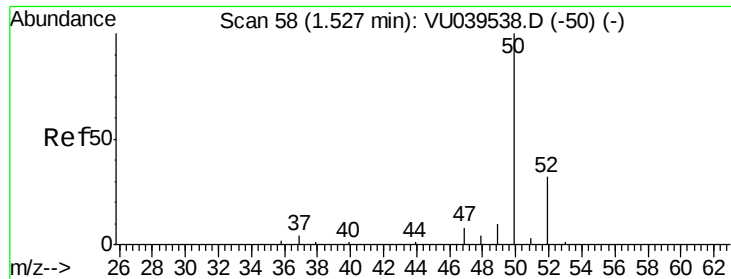
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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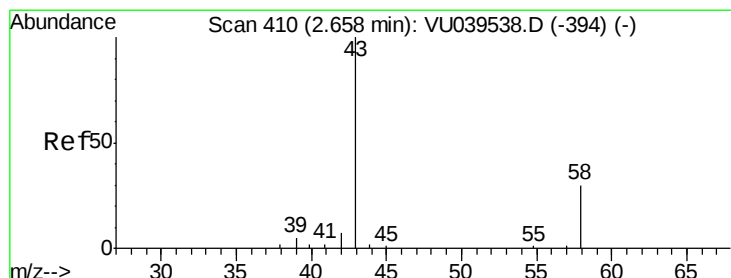
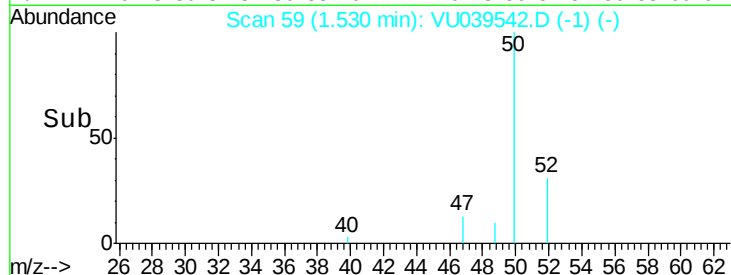
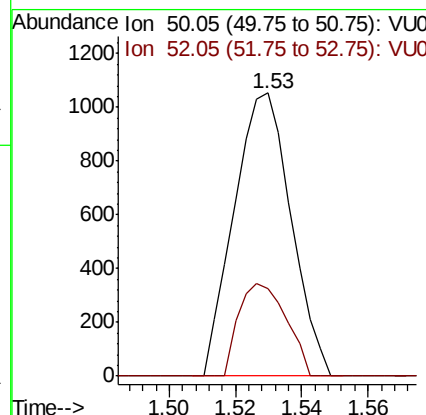
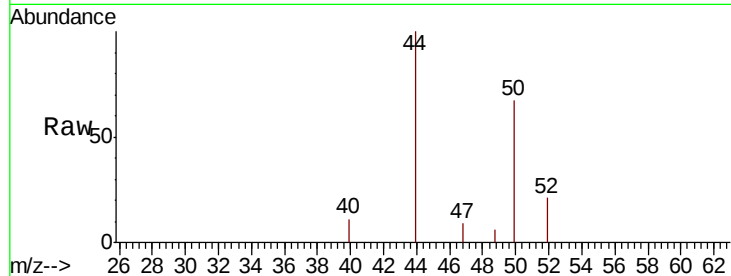




#3
 Chloromethane
 Concen: 0.217 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU039542.D
 Acq: 17 Jul 2020 11:25

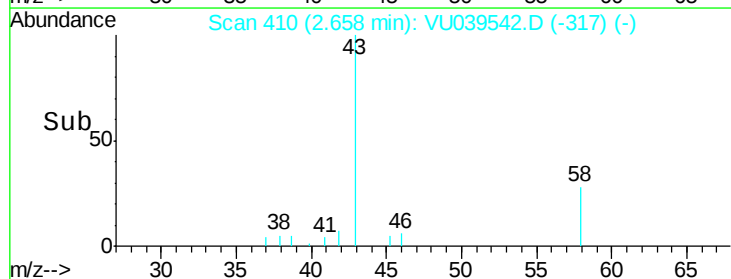
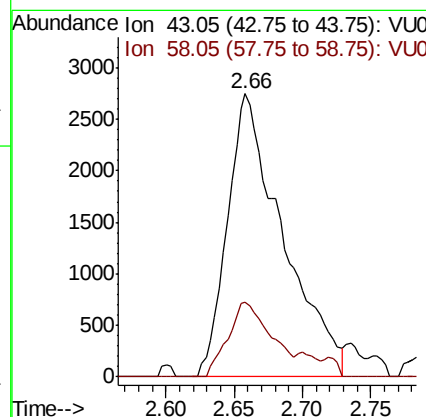
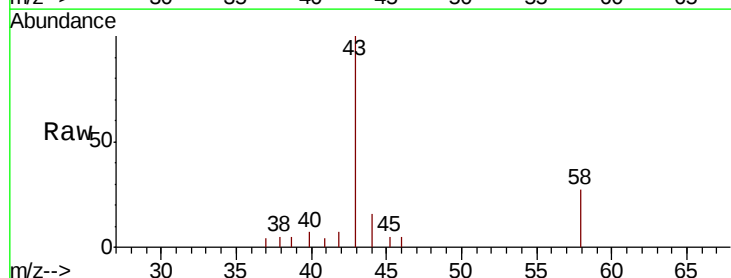
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT96

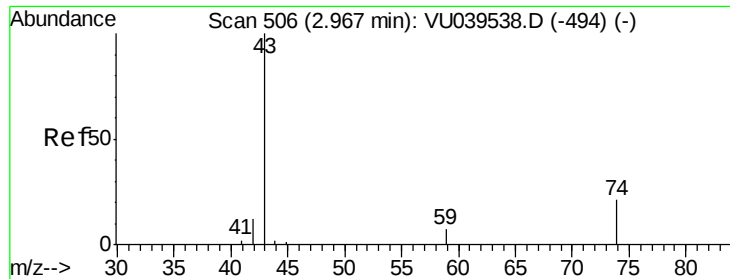
Tot Ion: 50 Resp: 1258
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.0 42.8



#13
 Acetone
 Concen: 6.840 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU039542.D
 Acq: 17 Jul 2020 11:25

Tgt Ion: 43 Resp: 7724
 Ion Ratio Lower Upper
 43 100
 58 20.8 0.0 62.8

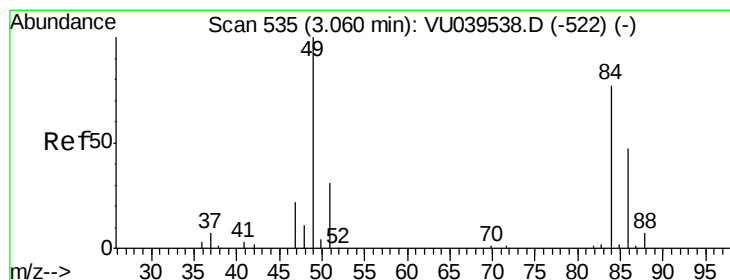
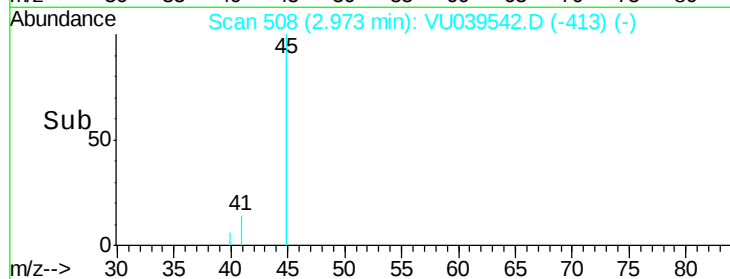
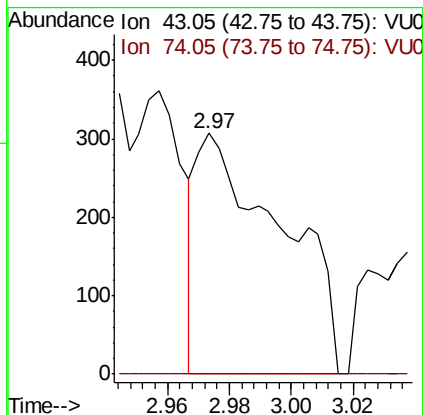
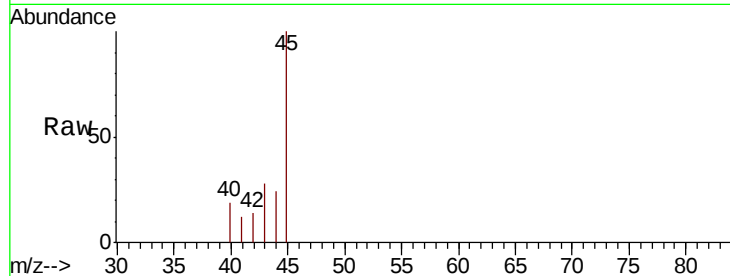




#15
Methvl Acetate
Concen: 0.194 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.01 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

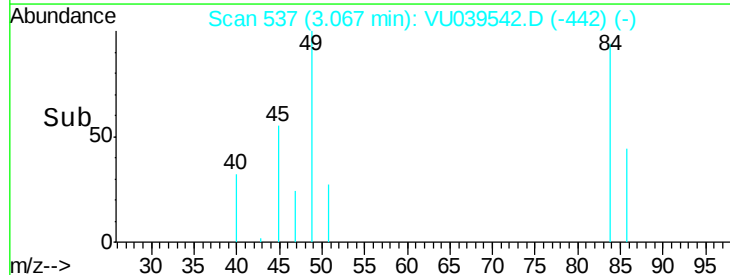
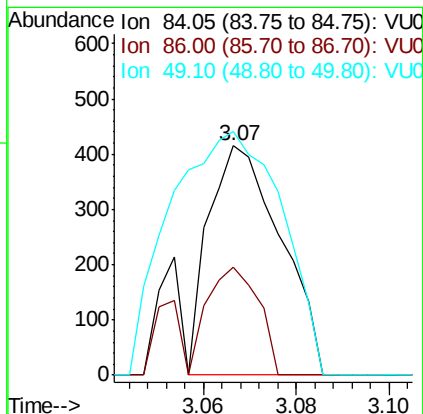
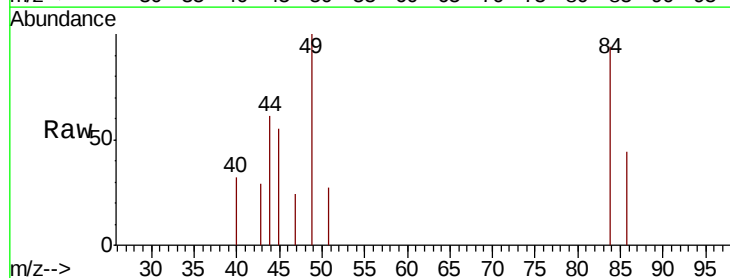
Instrument :
MSVOA_U
ClientSampled :
BFT96

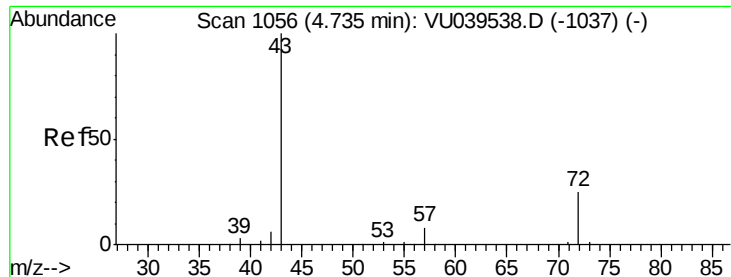
Tot Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#16
Methylene chloride
Concen: 0.076 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

Tgt Ion: 84 Resp: 448
Ion Ratio Lower Upper
84 100
86 47.0 43.5 80.9
49 106.3 91.1 169.1





#21

2-Butanone

Concen: 3.934 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU039542.D

Acq: 17 Jul 2020 11:25

Instrument :

MSVOA_U

ClientSampleId :

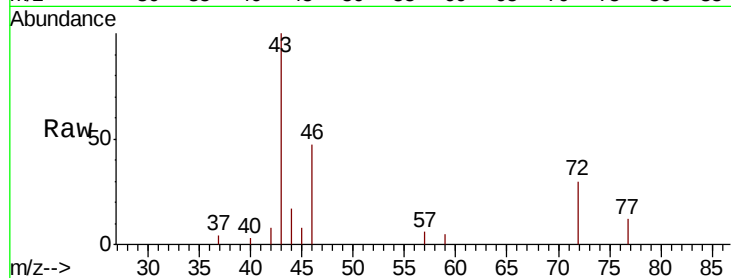
BFT96

Tot Ion: 43 Resp: 7929

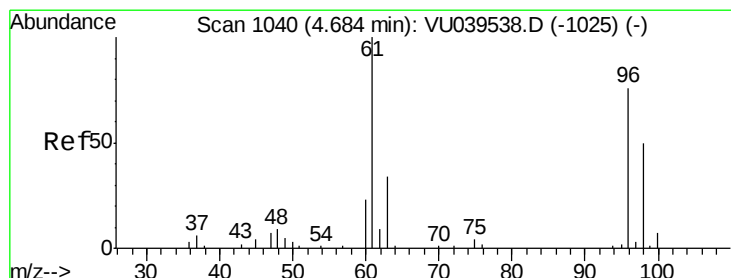
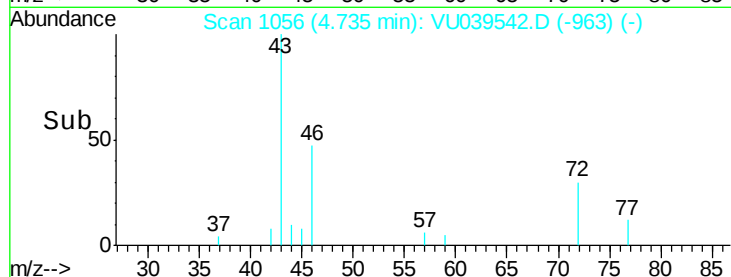
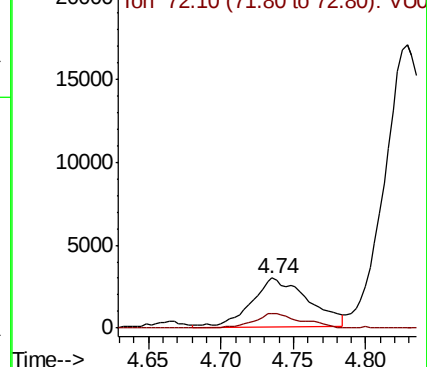
Ion Ratio Lower Upper

43 100

72 25.9 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039542.D (-963) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.140 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039542.D

Acq: 17 Jul 2020 11:25

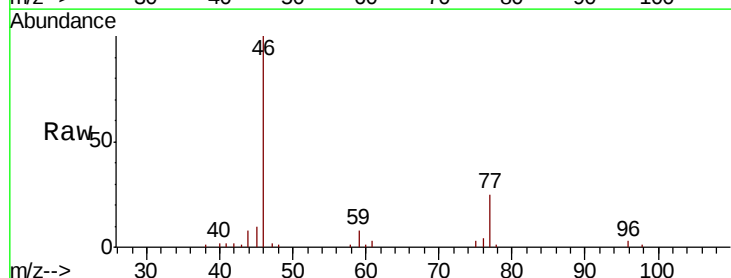
Tgt Ion: 96 Resp: 815

Ion Ratio Lower Upper

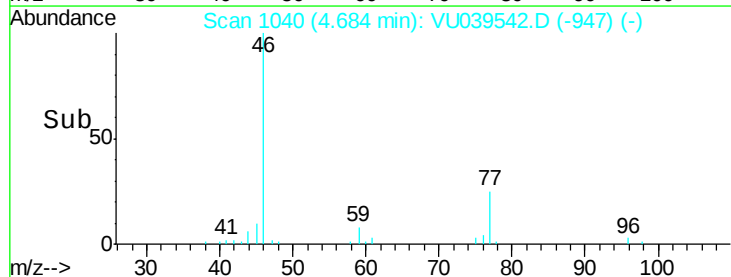
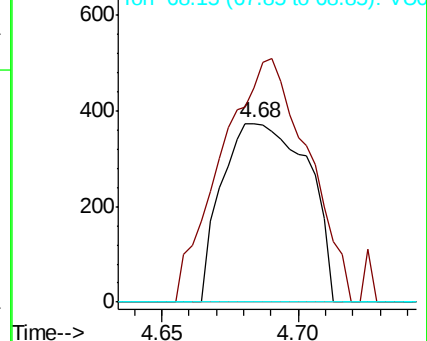
96 100

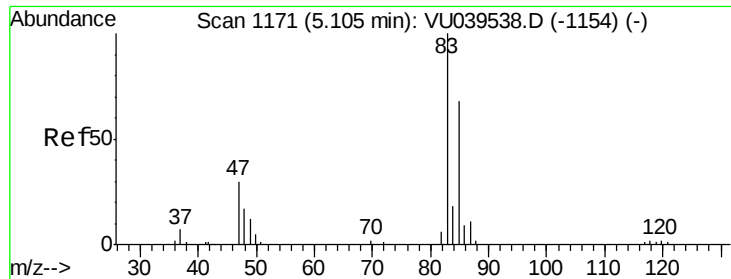
61 119.8 92.8 172.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039542.D (-947) (-)

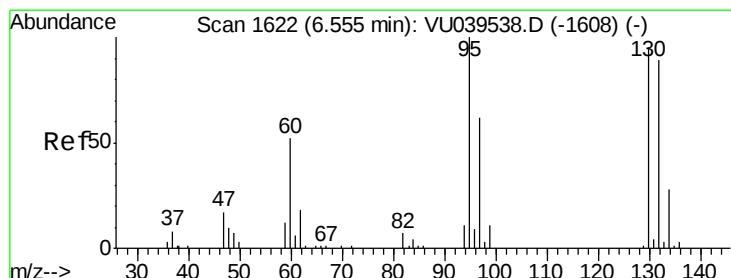
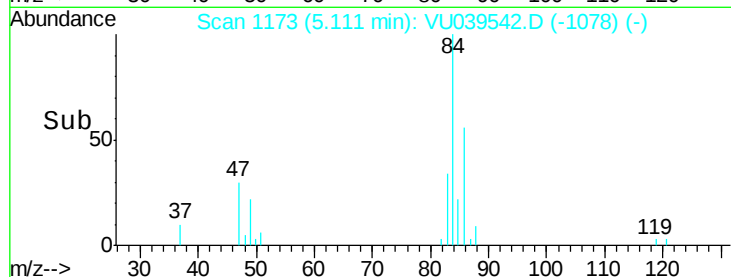
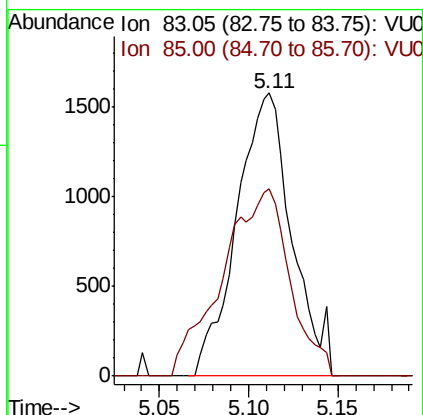
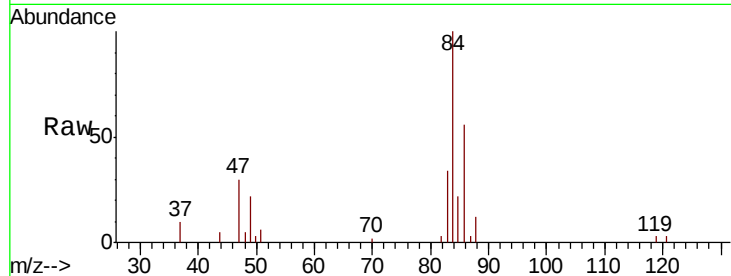




#25
Chloroform
Concen: 0.331 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

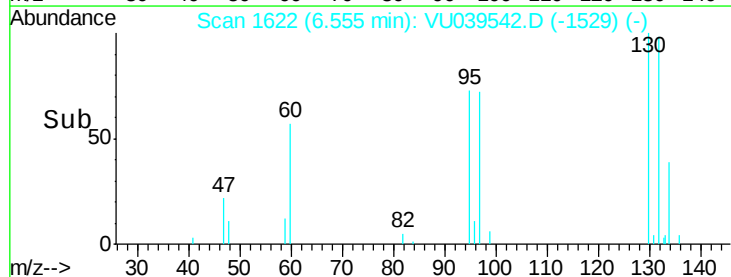
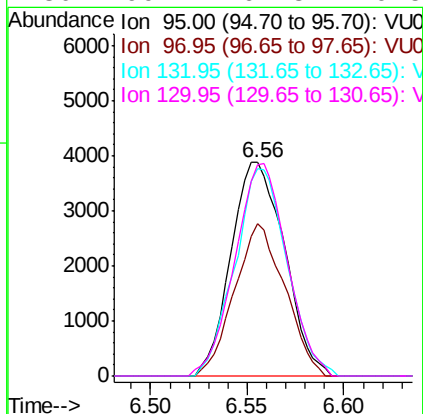
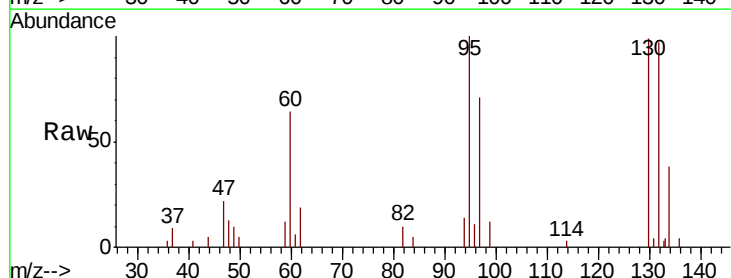
Instrument :
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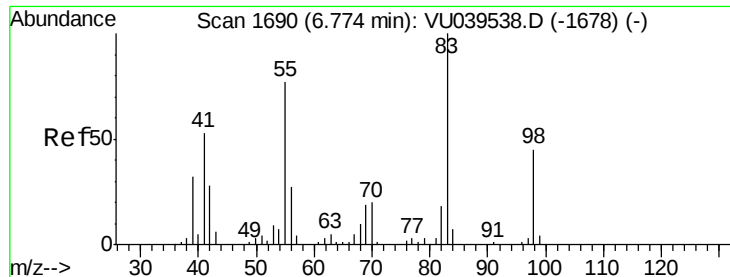
Tot Ion: 83 Resp: 3393
Ion Ratio Lower Upper
83 100
85 66.0 44.9 83.5



#34
Trichloroethene
Concen: 1.291 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. -0.00 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

Tgt Ion: 95 Resp: 7459
Ion Ratio Lower Upper
95 100
97 71.2 46.3 85.9
132 97.1 64.0 118.8
130 99.1 64.3 119.5

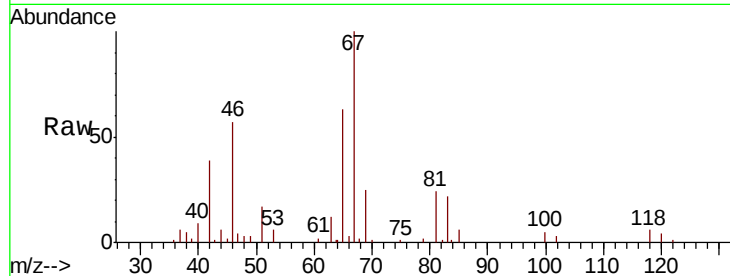




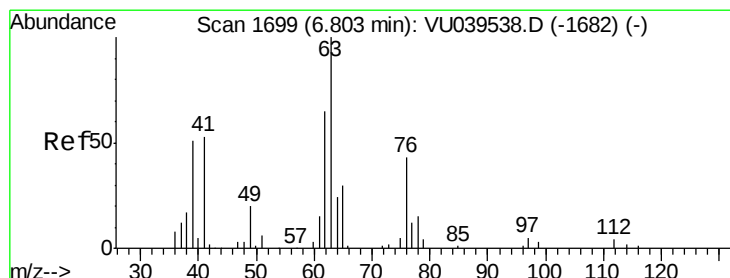
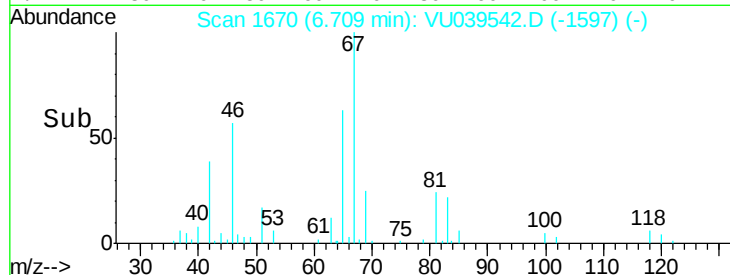
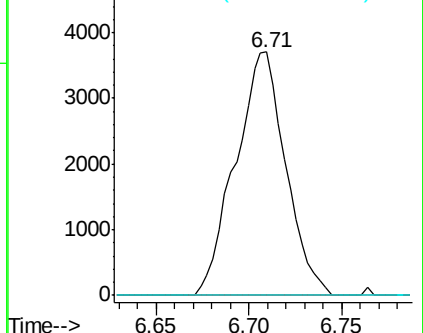
#35
Methvlcvclohexane
Concen: 0.754 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.06 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

Instrument :
MSVOA_U
ClientSampleId :
BFT96

Tot Ion: 83 Resp: 6977
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 4.6 35.9 53.9#

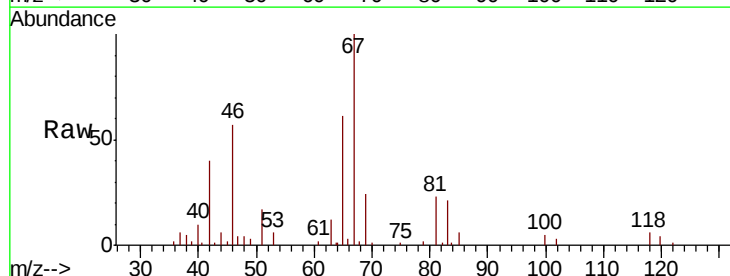


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

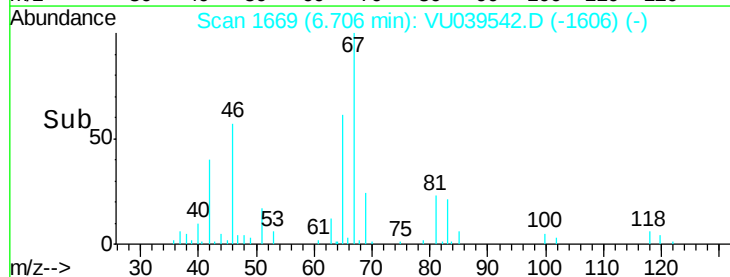
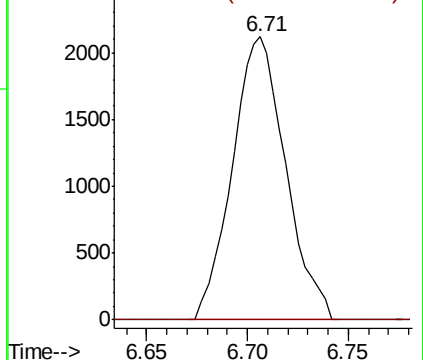


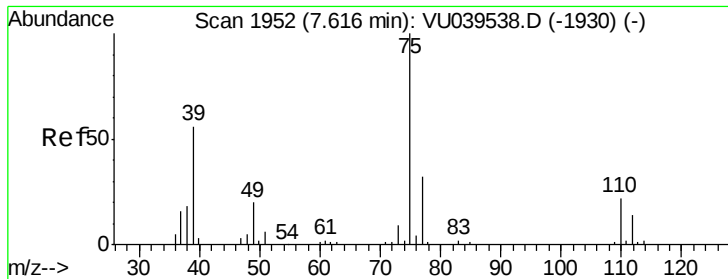
#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

Tgt Ion: 63 Resp: 3919
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

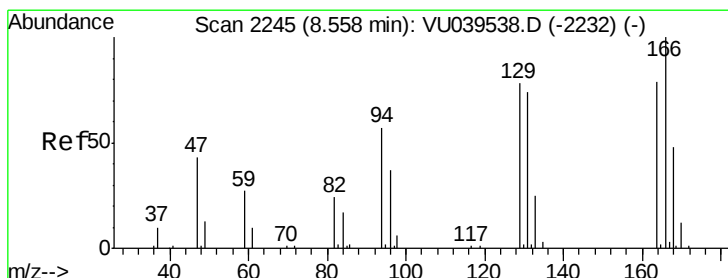
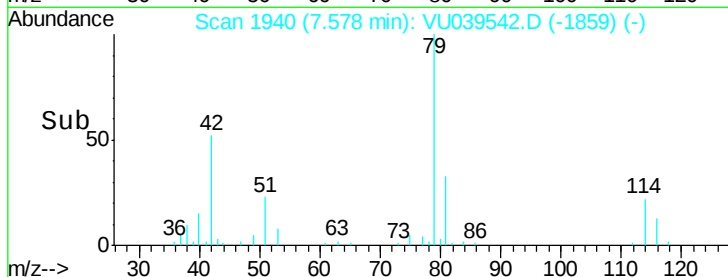
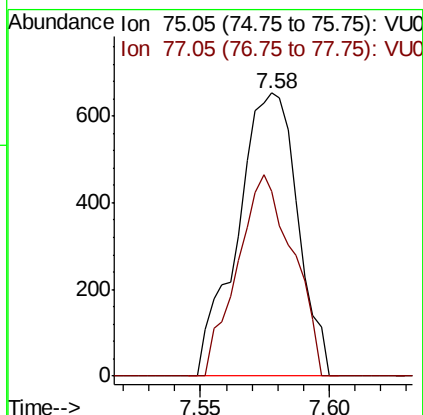
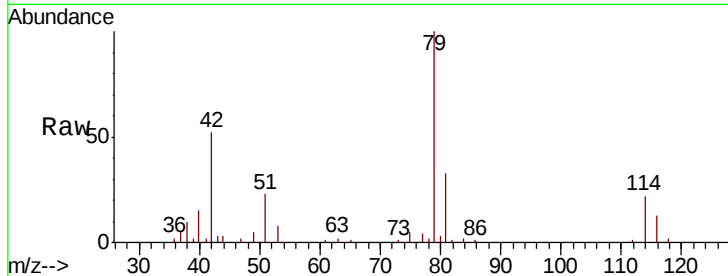




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039542.D
 Acq: 17 Jul 2020 11:25

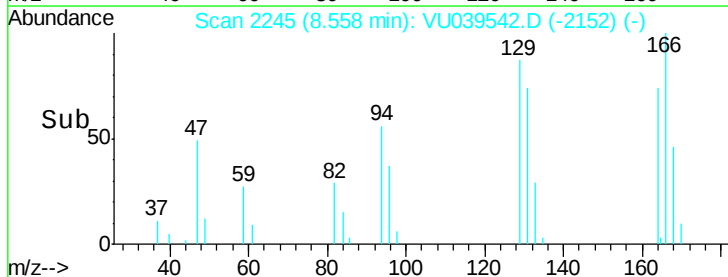
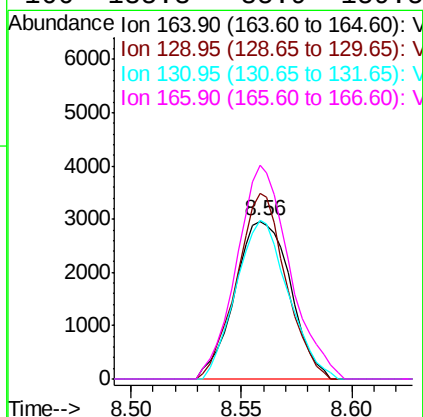
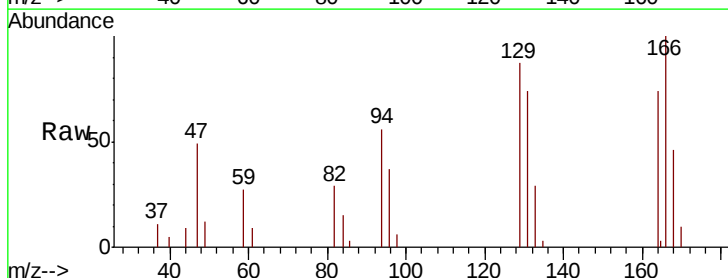
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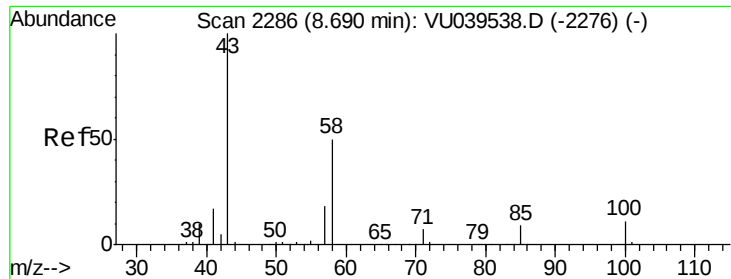
Tot Ion: 75 Resp: 1066
 Ion Ratio Lower Upper
 75 100
 77 65.1 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 1.292 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039542.D
 Acq: 17 Jul 2020 11:25

Tgt Ion: 164 Resp: 5194
 Ion Ratio Lower Upper
 164 100
 129 117.5 68.6 127.4
 131 100.3 66.4 123.4
 166 135.3 85.9 159.5

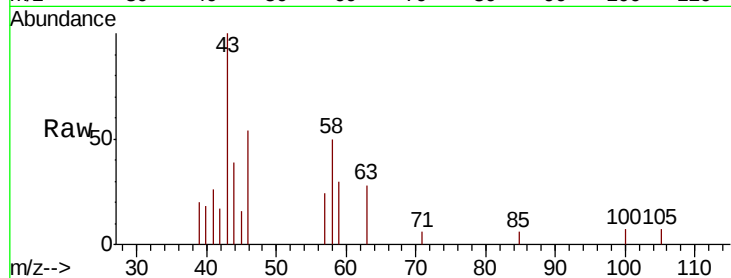




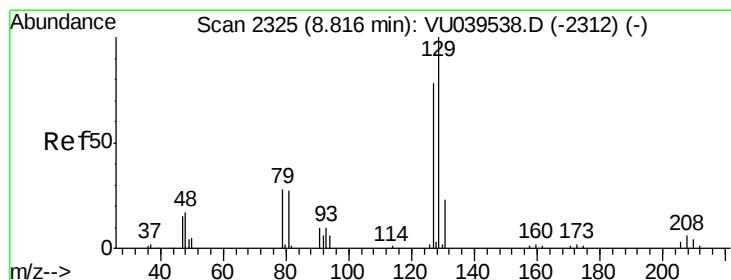
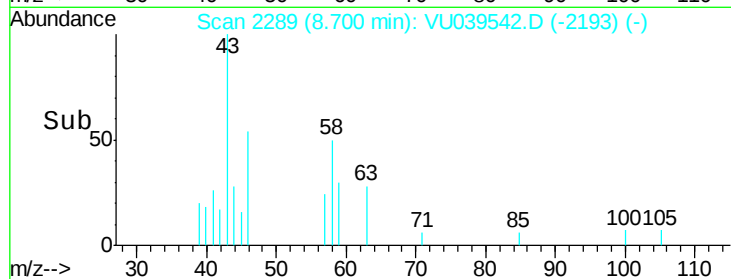
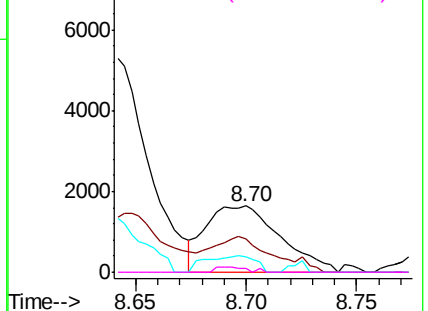
#48
2-Hexanone
Concen: 1.030 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

Instrument :
MSVOA_U
ClientSampleId :
BFT96

Tot Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 43.5 42.0 63.0
57 16.7 14.0 21.0
100 3.5 8.2 12.2#

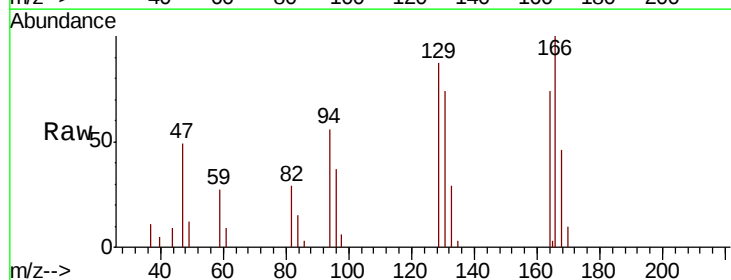


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

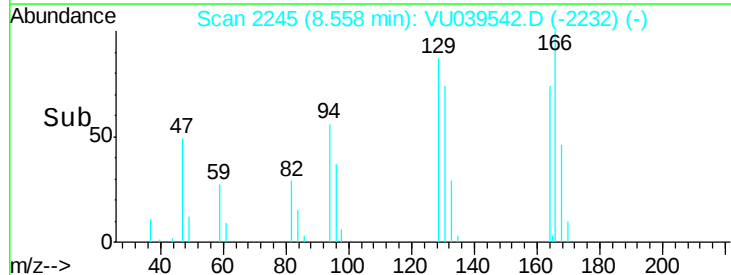
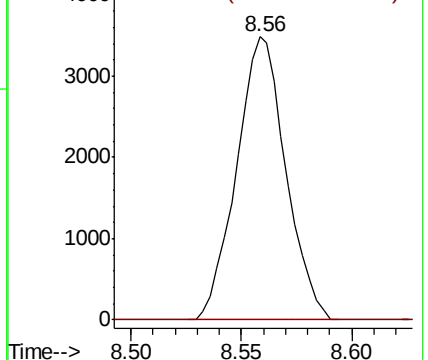


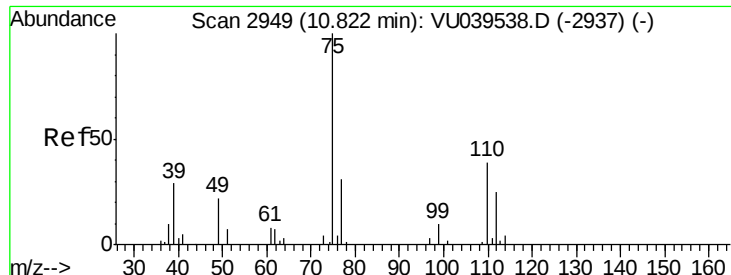
#49
Dibromochloromethane
Concen: 1.019 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039542.D
Acq: 17 Jul 2020 11:25

Tgt Ion: 129 Resp: 5402
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.276 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039542.D

Acq: 17 Jul 2020 11:25

Instrument :

MSVOA_U

ClientSampleId :

BFT96

Tot Ion: 75 Resp: 5730

Ion Ratio Lower Upper

75 100

77 37.4 26.8 40.2

