

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039548.D
 Acq On : 17 Jul 2020 13:44
 Operator : SY/MD
 Sample : L3292-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT85

Quant Time: Jul 17 23:42:15 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	84061	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20784	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	24227	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	32171	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.65	46	96217	43.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.32%
24) Chloroform-d	5.09	84	44326	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	33741	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.75	84	93875	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.71	67	31976	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	83603	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.19	79	12873	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	70793	39.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28317	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33475	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

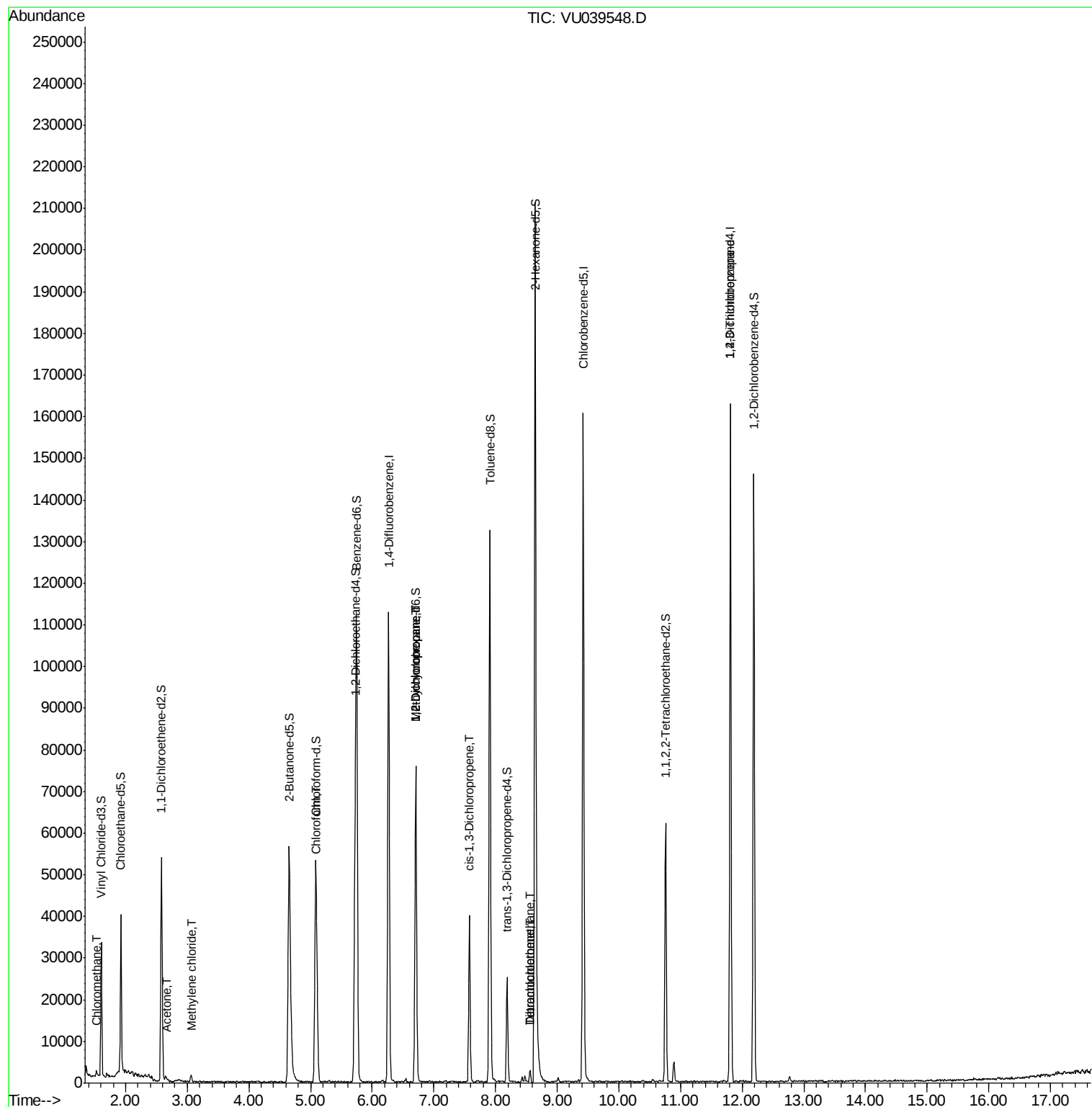
					Ovalue
3) Chloromethane	1.53	50	796	0.129 ug/L #	42
13) Acetone	2.66	43	2158	1.793 ug/L	72
16) Methylene chloride	3.06	84	587	0.093 ug/L	95
25) Chloroform	5.11	83	7314	0.669 ug/L	90
35) Methylcyclohexane	6.71	83	6531	0.646 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4145	0.623 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1063	0.106 ug/L	84
47) Tetrachloroethene	8.56	164	588	0.134 ug/L	80
49) Dibromochloromethane	8.56	129	600	0.104 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6090	1.242 ug/L	98

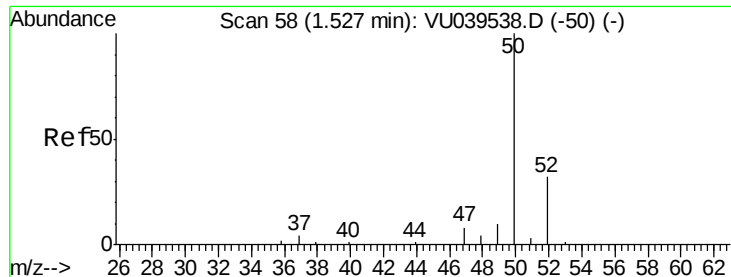
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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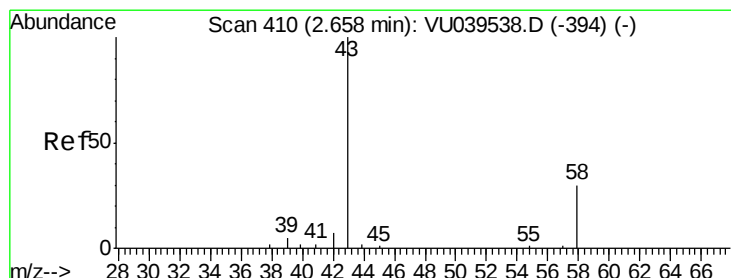
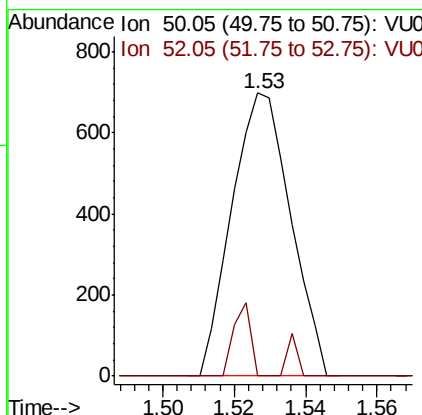
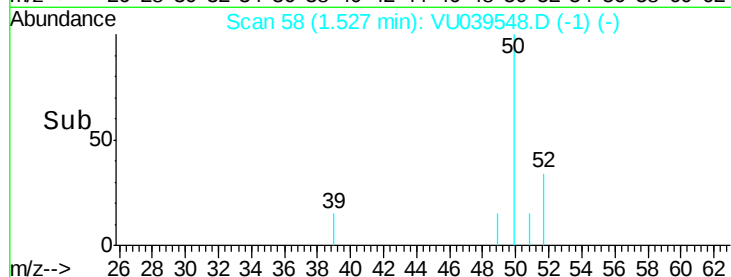
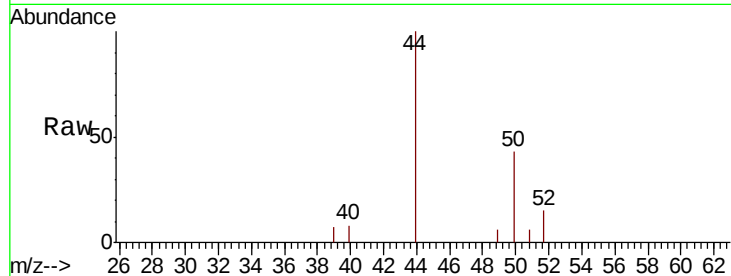




#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039548.D
Acq: 17 Jul 2020 13:44

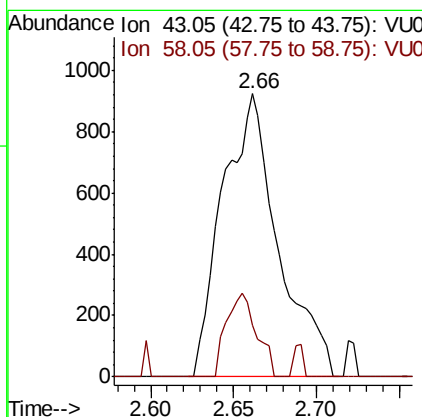
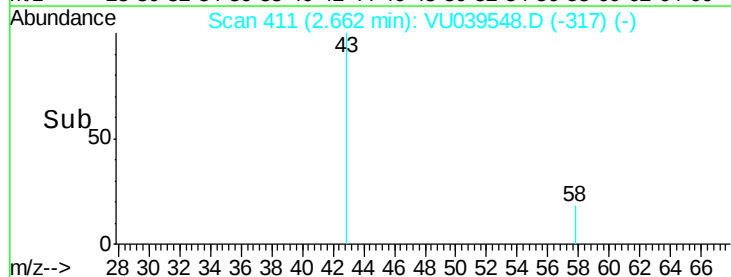
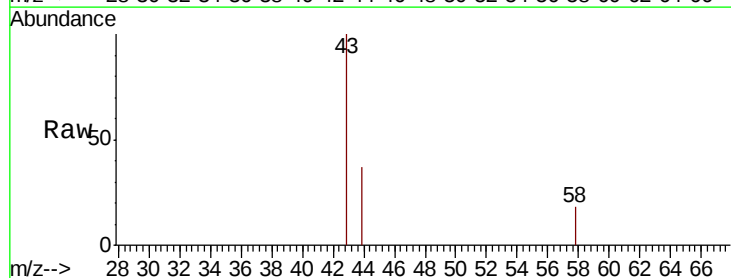
Instrument :
MSVOA_U
ClientSampleId :
BFT85

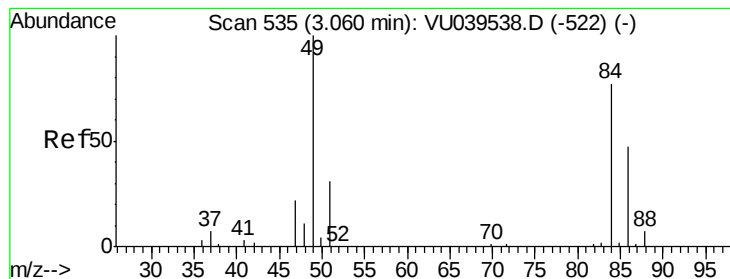
Tot Ion: 50 Resp: 796
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#13
Acetone
Concen: 1.793 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU039548.D
Acq: 17 Jul 2020 13:44

Tgt Ion: 43 Resp: 2158
Ion Ratio Lower Upper
43 100
58 16.0 0.0 62.8





#16

Methylene chloride

Concen: 0.093 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039548.D

Acq: 17 Jul 2020 13:44

Instrument :

MSVOA_U

ClientSampleId :

BFT85

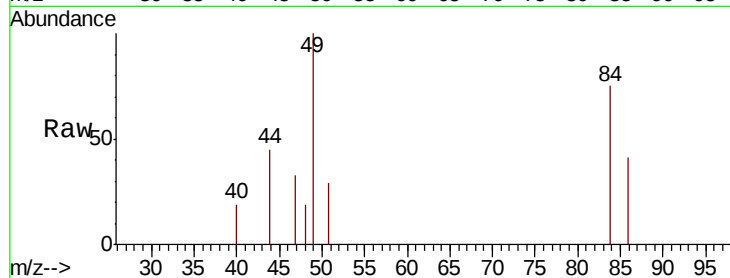
Tot Ion: 84 Resp: 587

Ion Ratio Lower Upper

84 100

86 55.0 43.5 80.9

49 134.1 91.1 169.1

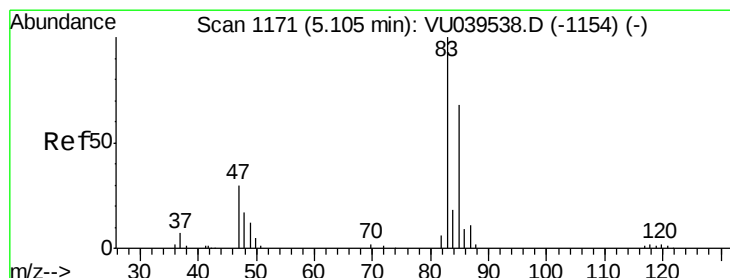
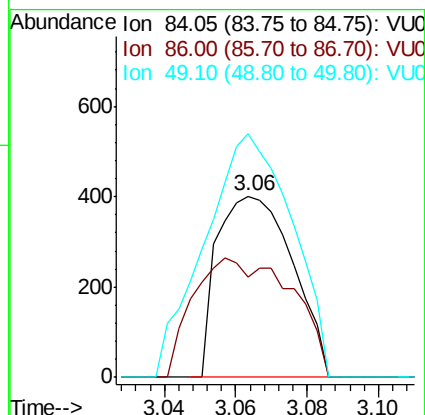
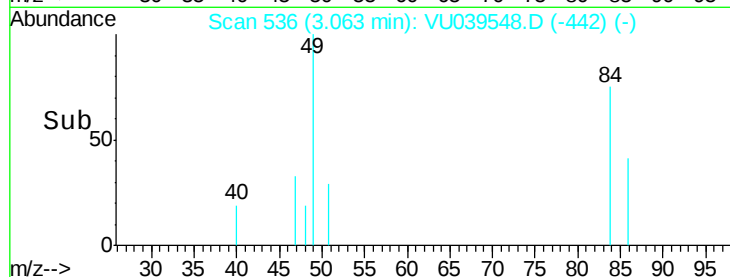


Abundance Ion 84.05 (83.75 to 84.75): VU039548.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039548.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039548.D (-442) (-)

Time-->



#25

Chloroform

Concen: 0.669 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039548.D

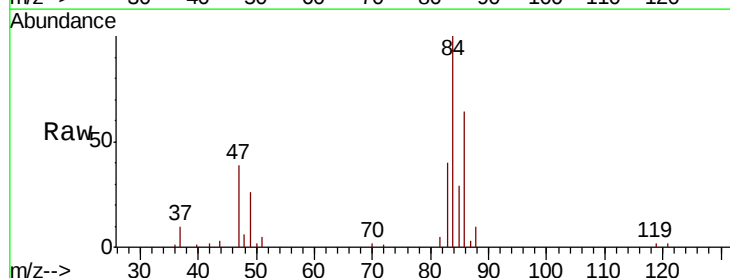
Acq: 17 Jul 2020 13:44

Tgt Ion: 83 Resp: 7314

Ion Ratio Lower Upper

83 100

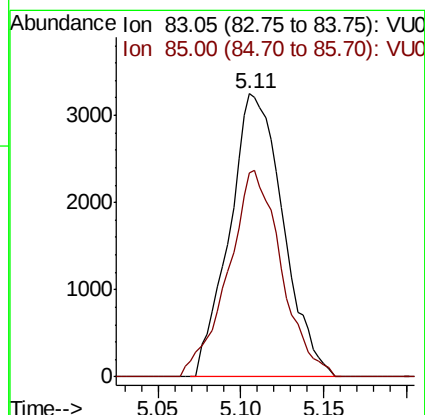
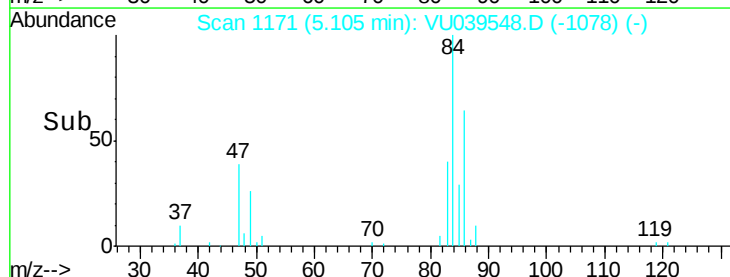
85 72.2 44.9 83.5

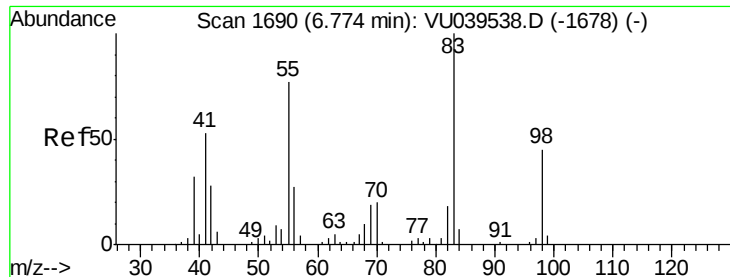


Abundance Ion 83.05 (82.75 to 83.75): VU039548.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039548.D (-1078) (-)

Time-->

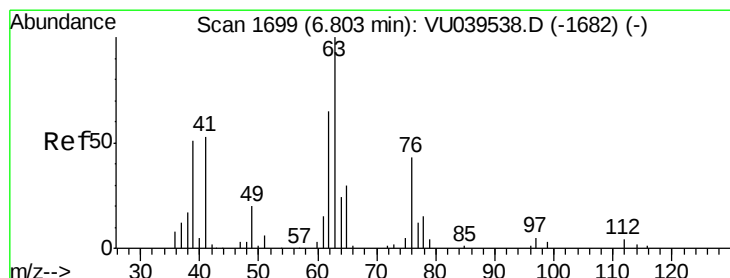
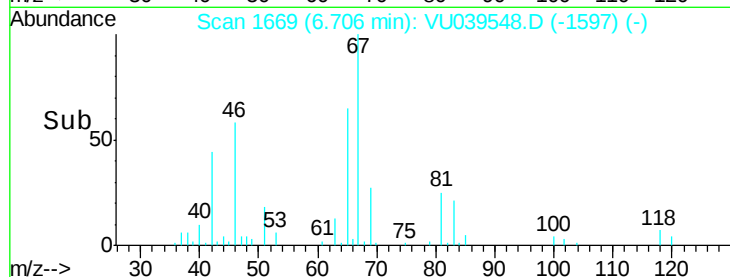
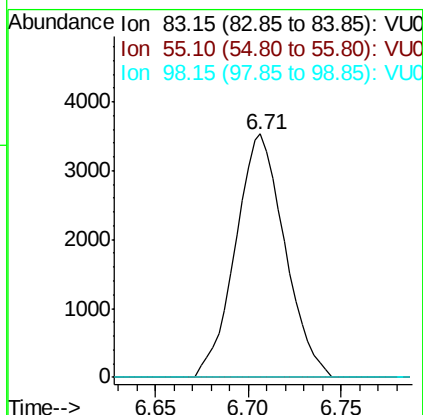
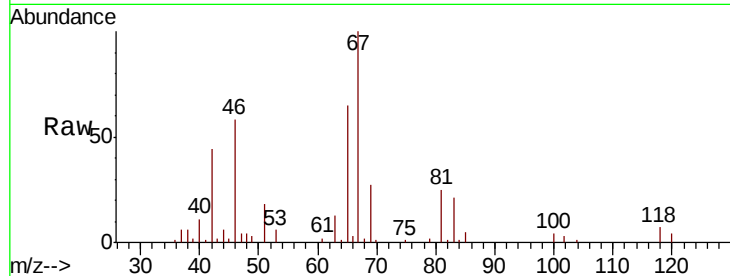




#35
Methvlcvclohexane
Concen: 0.646 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039548.D
Acq: 17 Jul 2020 13:44

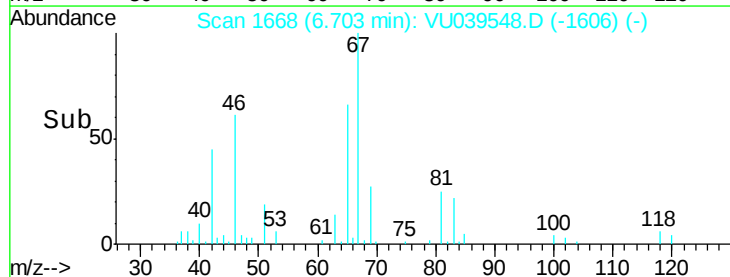
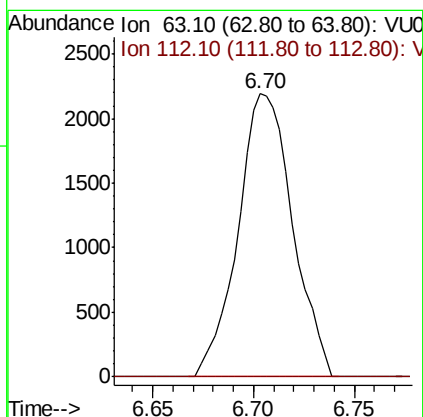
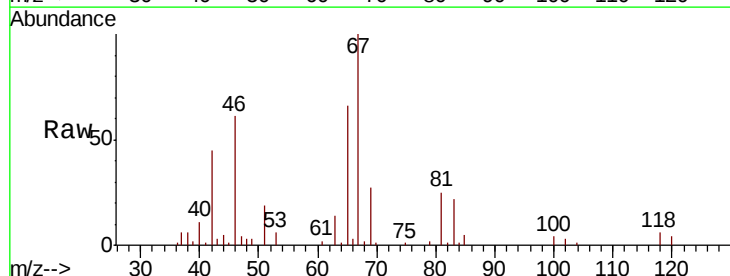
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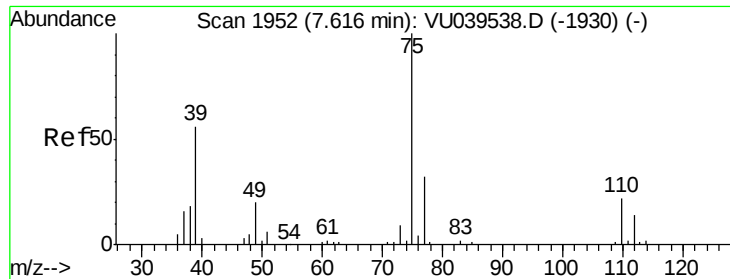
Tot Ion: 83 Resp: 6531
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039548.D
Acq: 17 Jul 2020 13:44

Tgt Ion: 63 Resp: 4145
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

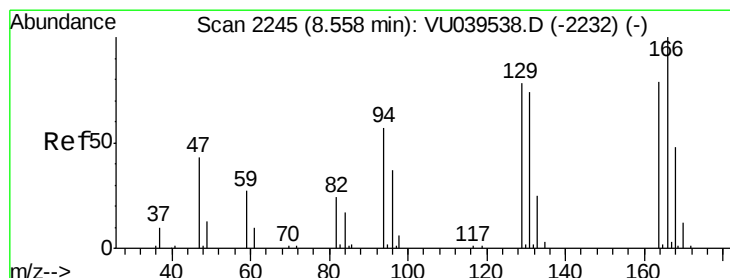
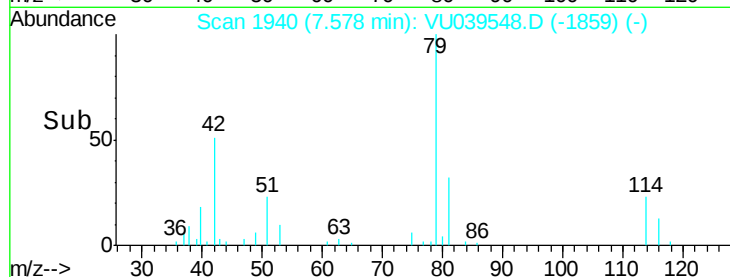
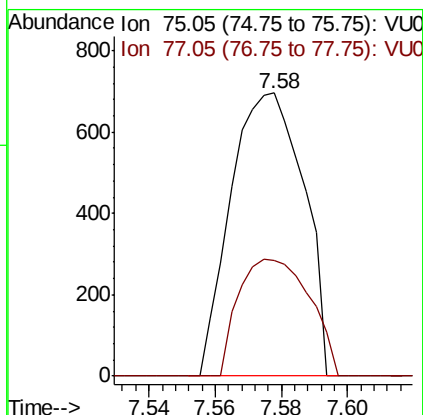
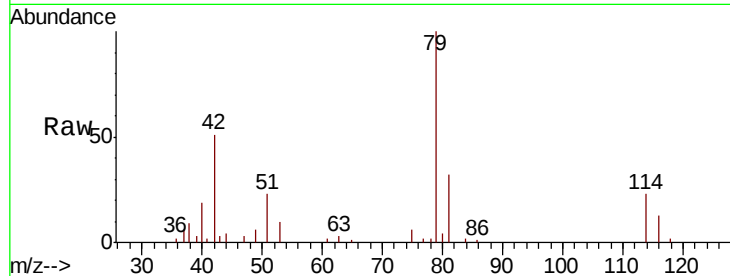




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039548.D
 Acq: 17 Jul 2020 13:44

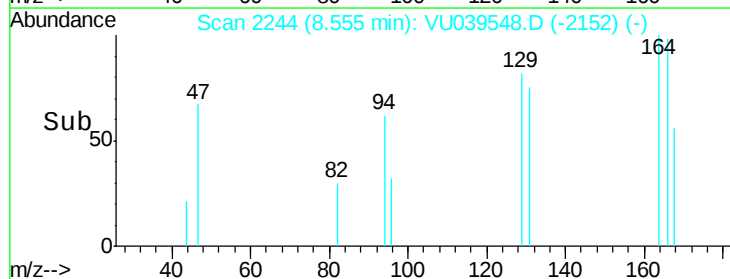
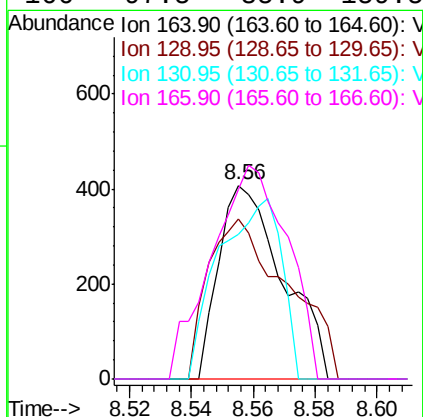
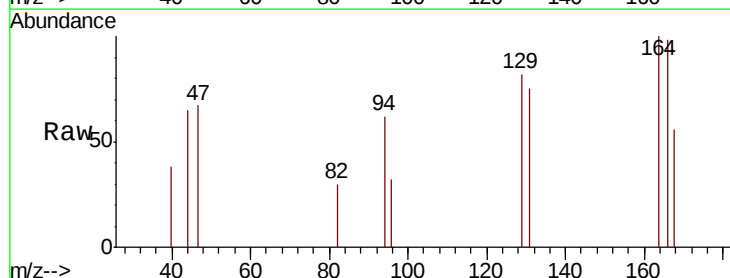
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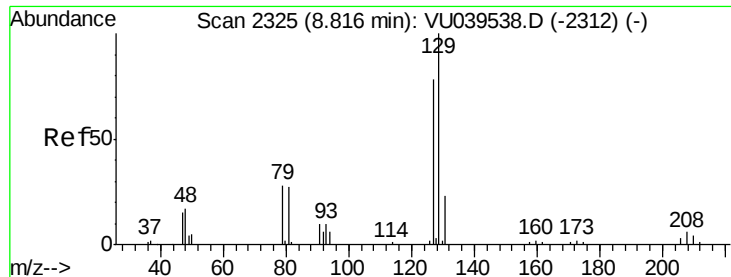
Tot Ion: 75 Resp: 1063
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.3 41.3



#47
 Tetrachloroethene
 Concen: 0.134 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039548.D
 Acq: 17 Jul 2020 13:44

Tgt Ion: 164 Resp: 588
 Ion Ratio Lower Upper
 164 100
 129 82.4 68.6 127.4
 131 74.5 66.4 123.4
 166 97.5 85.9 159.5





#49

Dibromochloromethane

Concen: 0.104 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039548.D

Acq: 17 Jul 2020 13:44

Instrument :

MSVOA_U

ClientSampleId :

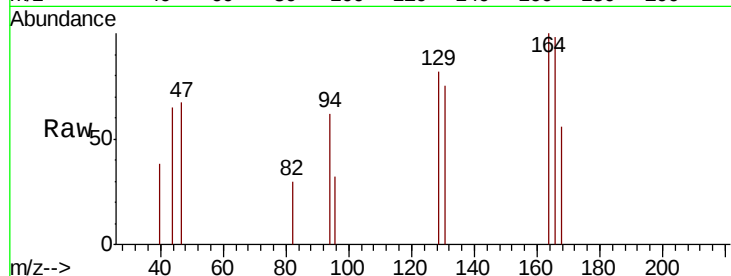
BFT85

Tot Ion:129 Resp: 600

Ion Ratio Lower Upper

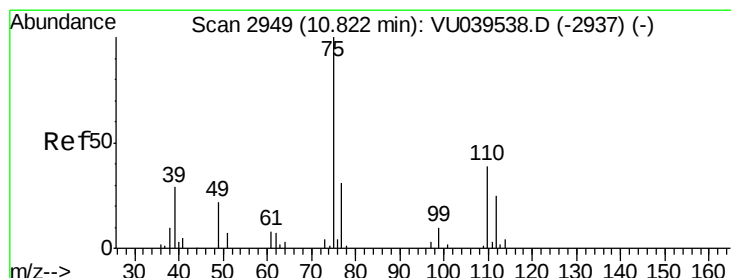
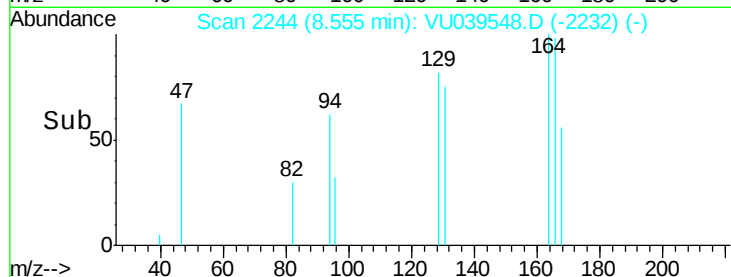
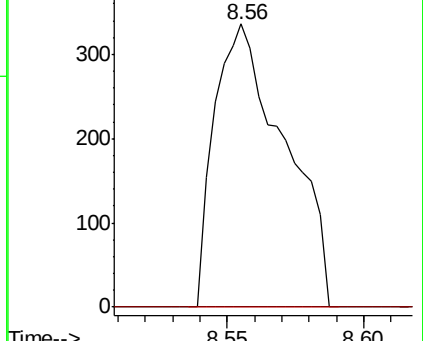
129 100

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: 1.242 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039548.D

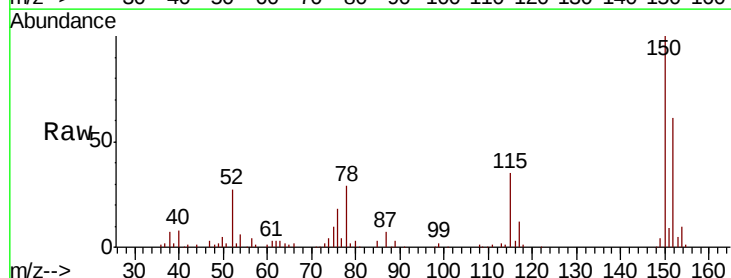
Acq: 17 Jul 2020 13:44

Tgt Ion: 75 Resp: 6090

Ion Ratio Lower Upper

75 100

77 34.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

