

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039551.D
 Acq On : 17 Jul 2020 14:53
 Operator : SY/MD
 Sample : L3292-07DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT83DL

Quant Time: Jul 17 23:43:05 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	91416	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19682	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.93	69	20915	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.58	63	31399	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.66	46	102860	42.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.86%
24) Chloroform-d	5.09	84	44178	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.72	65	31694	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.75	84	93639	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.71	67	31623	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.91	98	81867	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	11877	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.64	63	73312	37.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30395	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32889	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

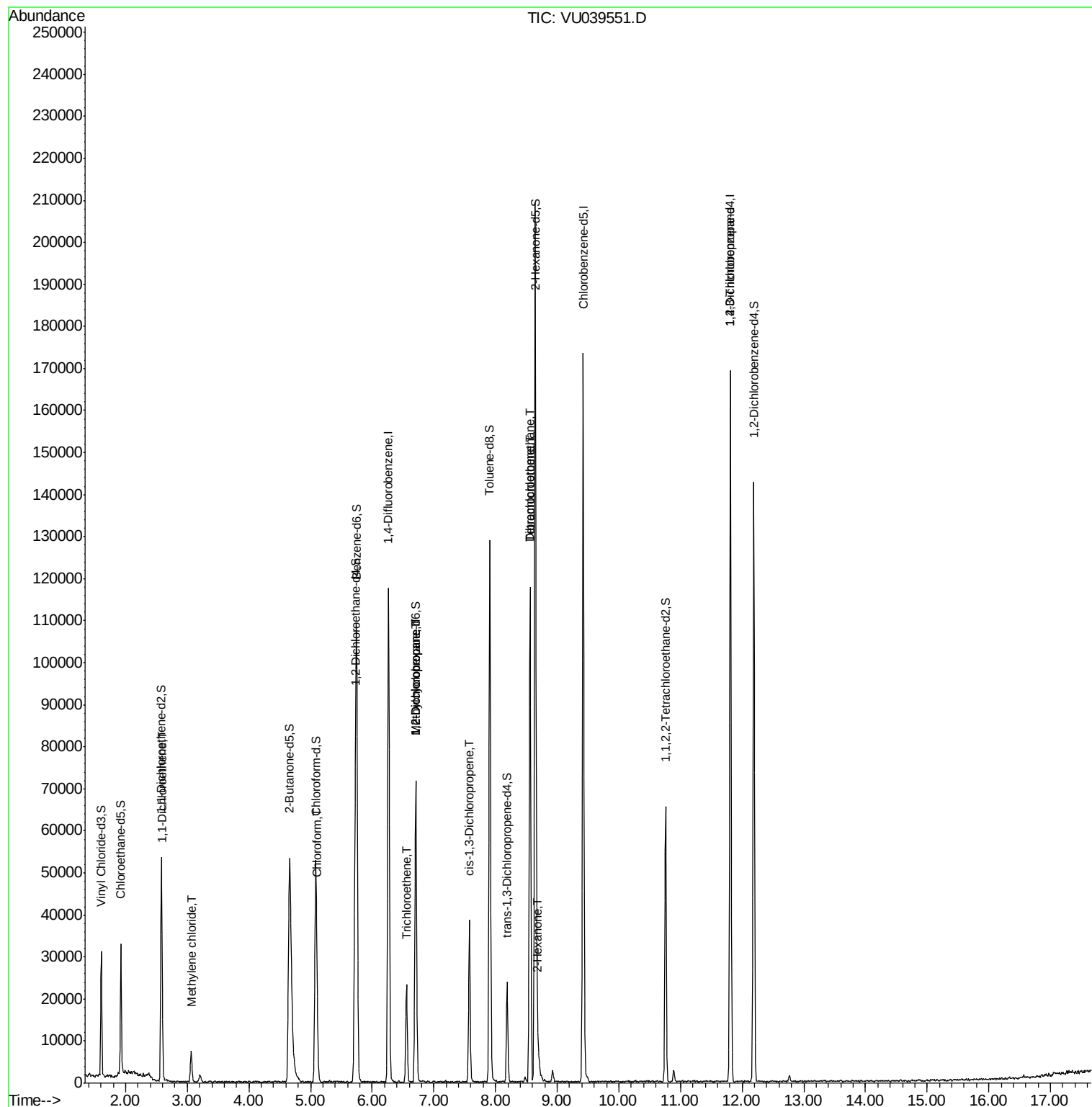
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	699	0.129	ug/L #	1
16) Methylene chloride	3.06	84	3210	0.469	ug/L	91
25) Chloroform	5.11	83	6826	0.574	ug/L	98
34) Trichloroethene	6.56	95	7169	1.064	ug/L	93
35) Methylcyclohexane	6.71	83	7112	0.659	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	3872	0.545	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1140	0.106	ug/L #	73
47) Tetrachloroethene	8.56	164	22487	4.796	ug/L	97
48) 2-Hexanone	8.69	43	4388	1.004	ug/L #	43
49) Dibromochloromethane	8.56	129	21926	3.546	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6086	1.162	ug/L	91

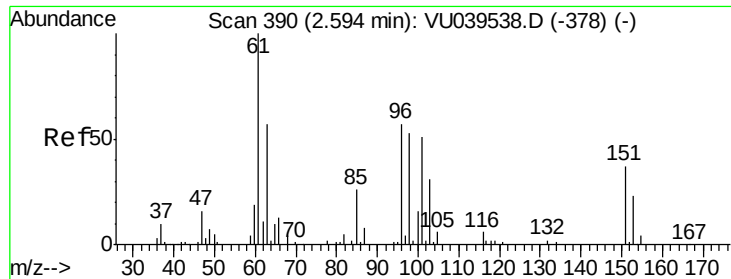
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.129 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.00 min

Lab File: VU039551.D

Acq: 17 Jul 2020 14:53

Instrument :

MSVOA_U

ClientSampleId :

BFT83DL

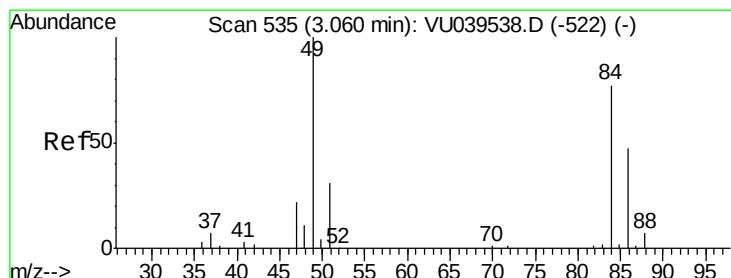
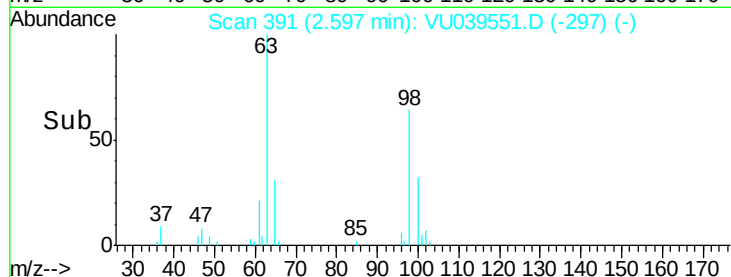
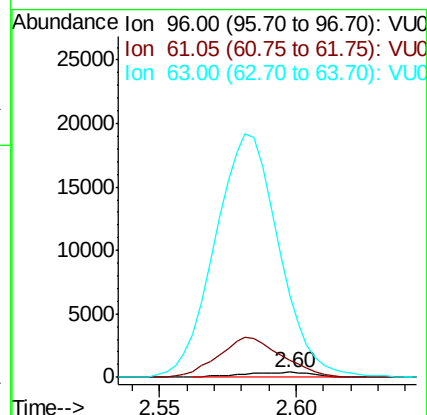
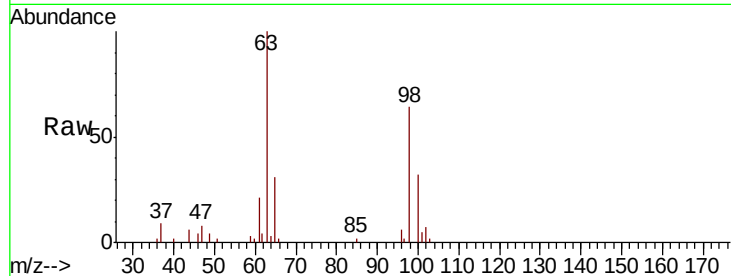
Tot Ion: 96 Resp: 699

Ion Ratio Lower Upper

96 100

61 277.3 125.4 232.8#

63 1334.1 92.7 172.3#



#16

Methylene chloride

Concen: 0.469 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039551.D

Acq: 17 Jul 2020 14:53

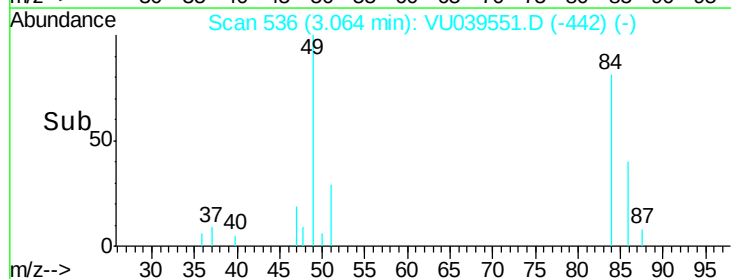
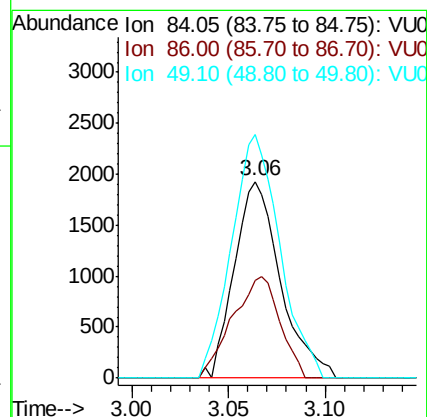
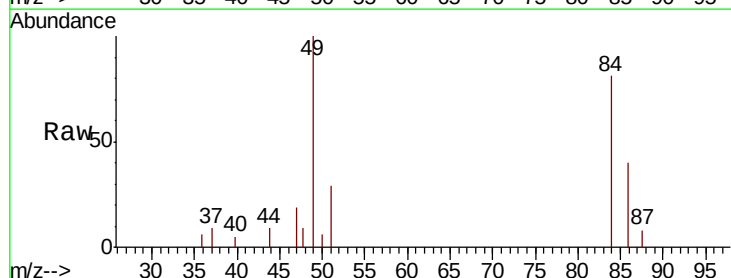
Tgt Ion: 84 Resp: 3210

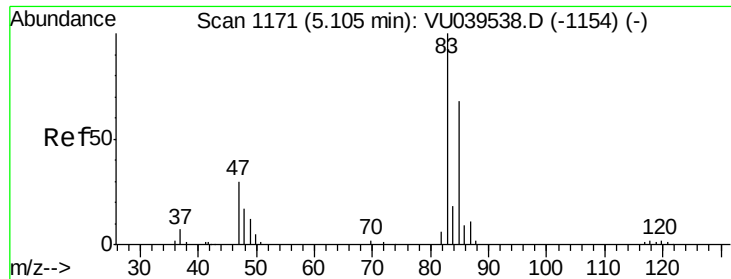
Ion Ratio Lower Upper

84 100

86 49.7 43.5 80.9

49 123.8 91.1 169.1

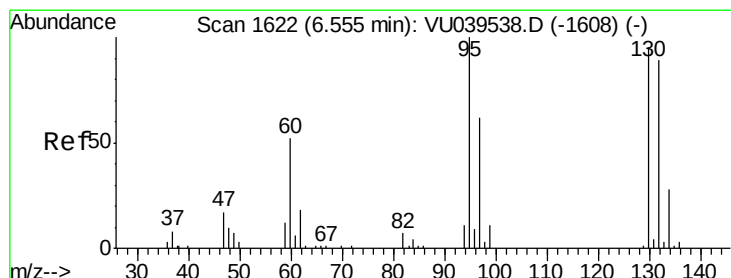
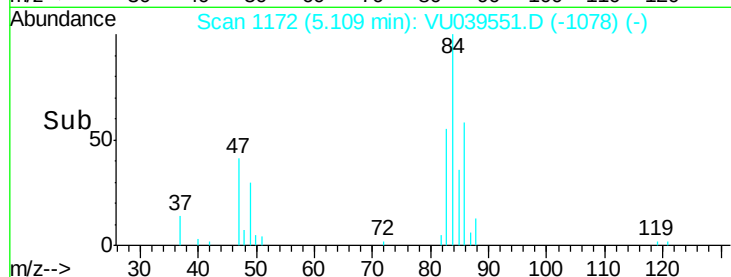
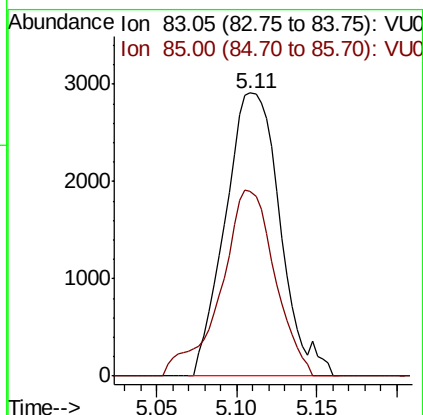
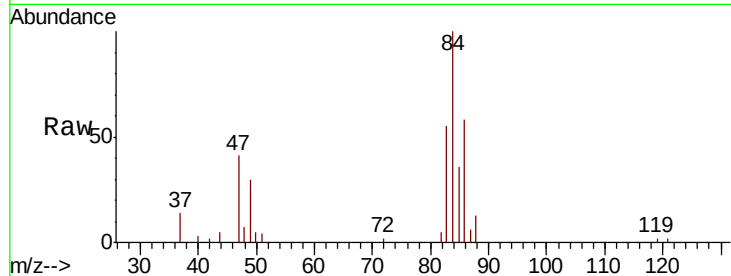




#25
Chloroform
Concen: 0.574 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039551.D
Acq: 17 Jul 2020 14:53

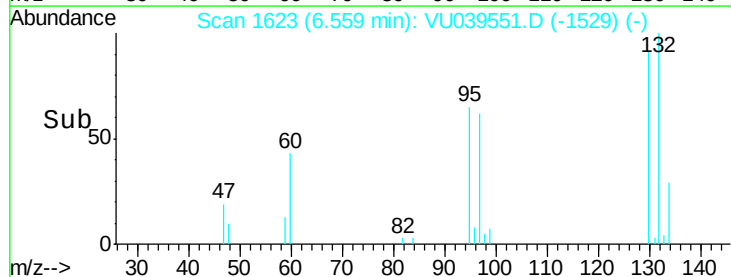
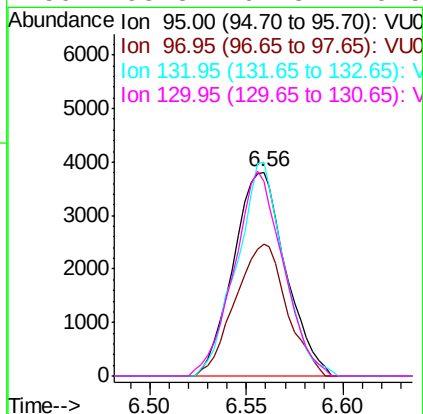
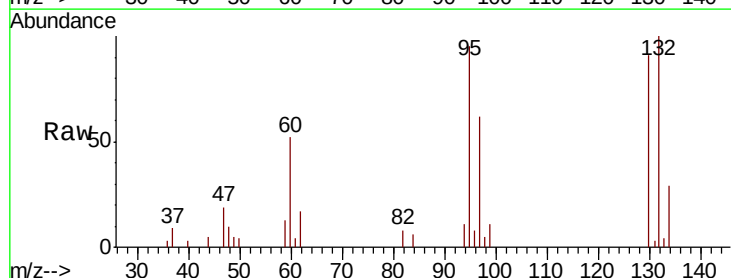
Instrument :
MSVOA_U
ClientSampleId :
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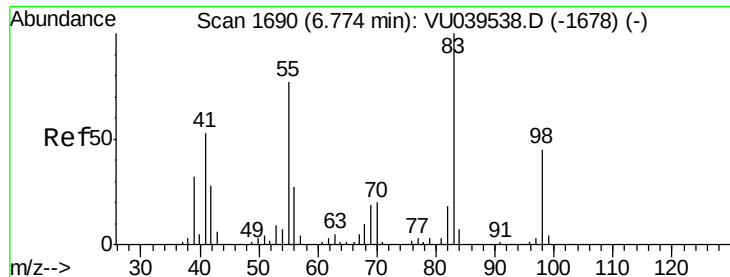
Tot Ion: 83 Resp: 6826
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5



#34
Trichloroethene
Concen: 1.064 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VU039551.D
Acq: 17 Jul 2020 14:53

Tgt Ion: 95 Resp: 7169
Ion Ratio Lower Upper
95 100
97 64.7 46.3 85.9
132 104.9 64.0 118.8
130 95.3 64.3 119.5

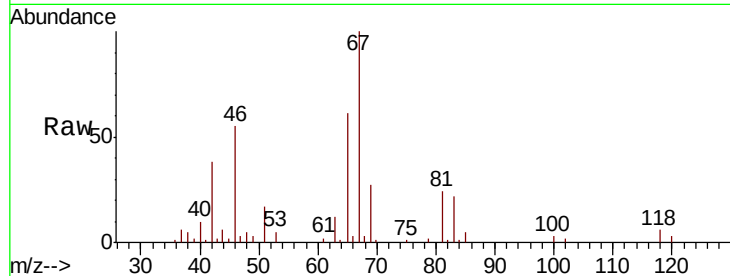




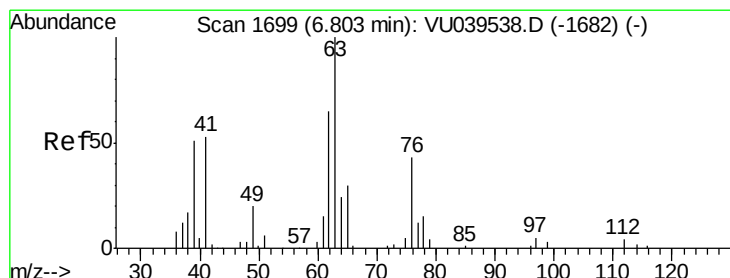
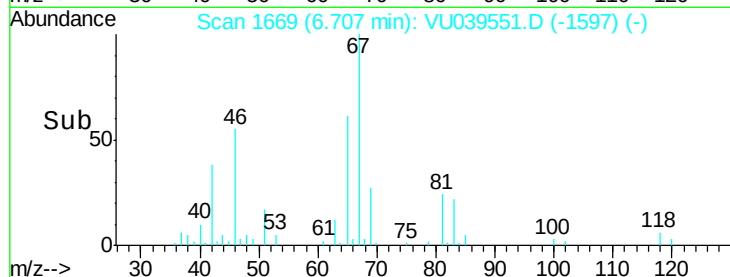
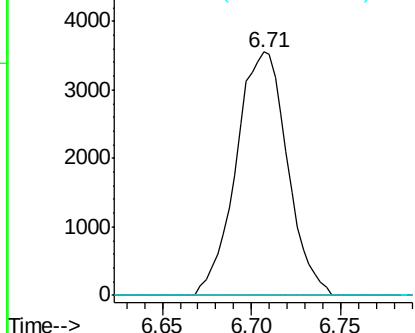
#35
Methylvlcyclohexane
Concen: 0.659 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039551.D
Acq: 17 Jul 2020 14:53

Instrument :
MSVOA_U
ClientSampleId :
BFT83DL

Tot Ion: 83 Resp: 7112
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

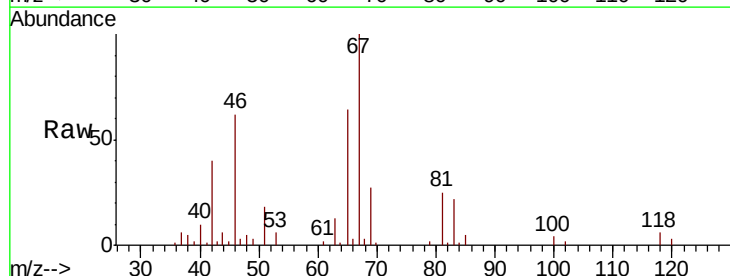


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

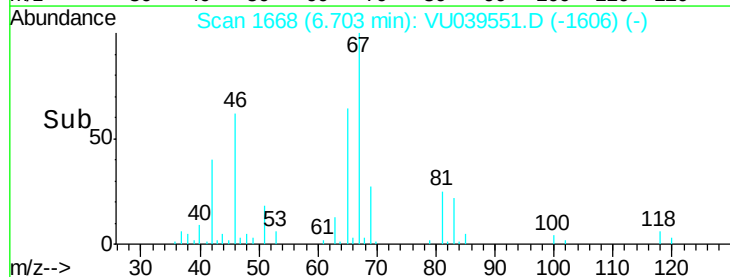
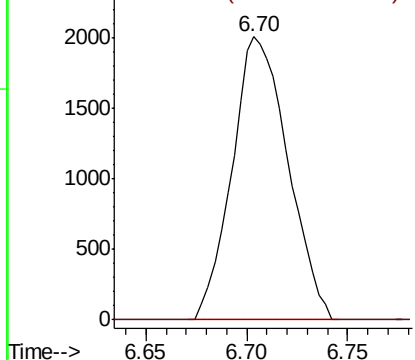


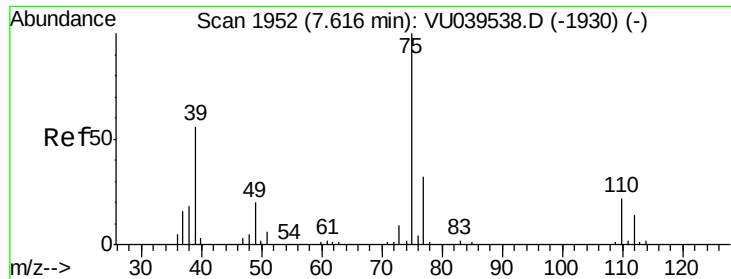
#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039551.D
Acq: 17 Jul 2020 14:53

Tgt Ion: 63 Resp: 3872
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

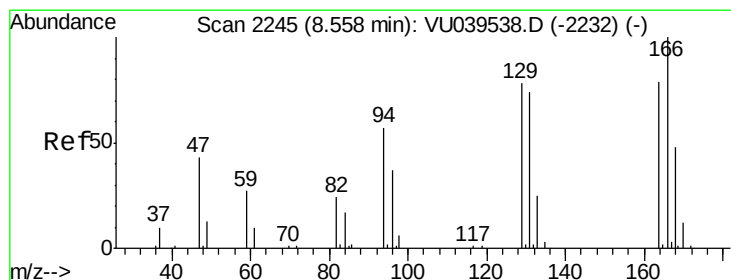
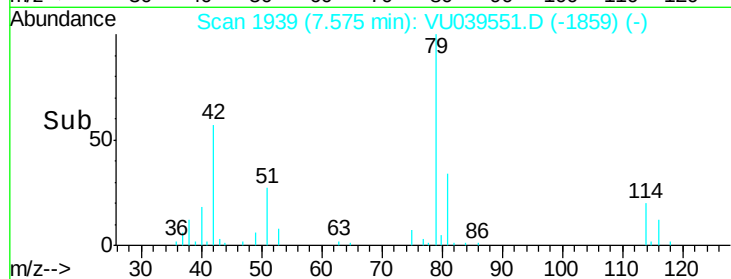
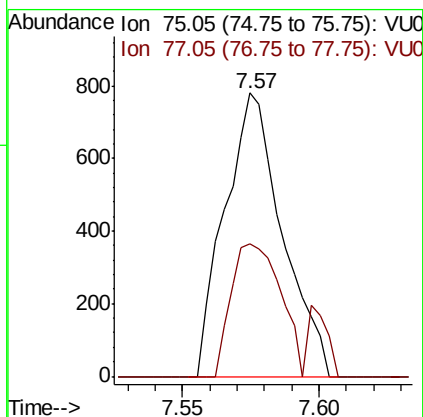
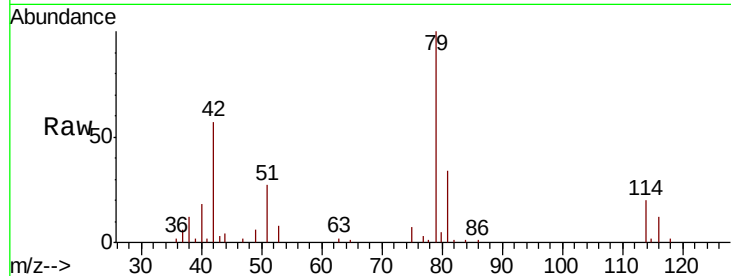




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039551.D
 Acq: 17 Jul 2020 14:53

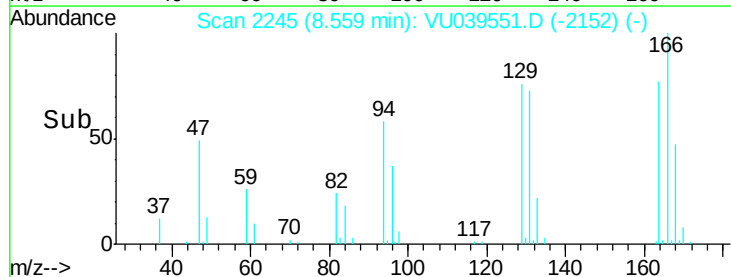
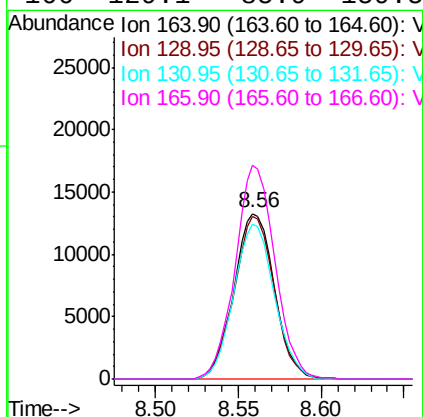
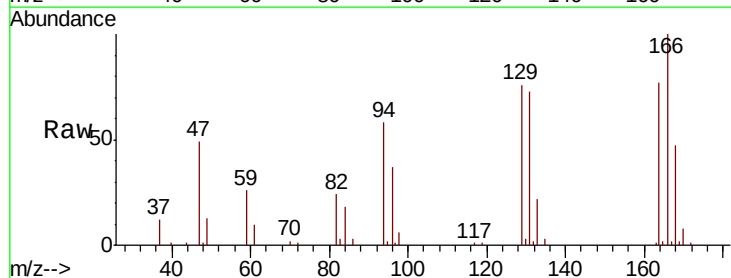
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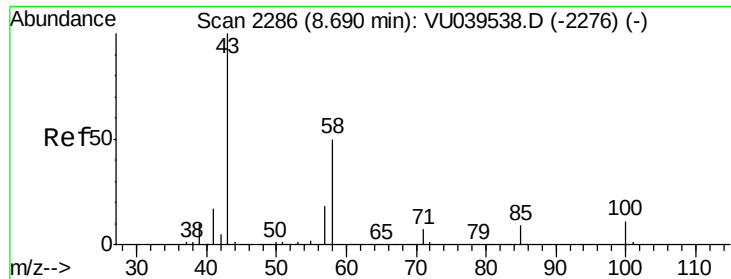
Tot Ion: 75 Resp: 1140
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 4.796 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU039551.D
 Acq: 17 Jul 2020 14:53

Tgt Ion:164 Resp: 22487
 Ion Ratio Lower Upper
 164 100
 129 98.5 68.6 127.4
 131 93.7 66.4 123.4
 166 129.1 85.9 159.5

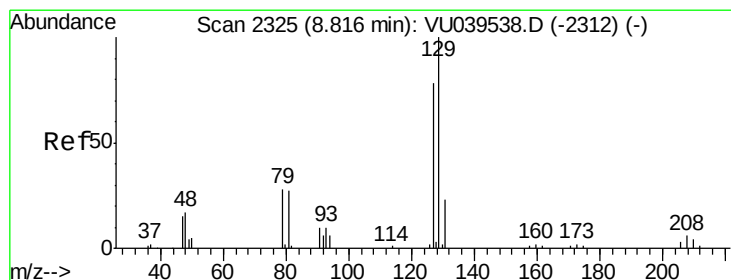
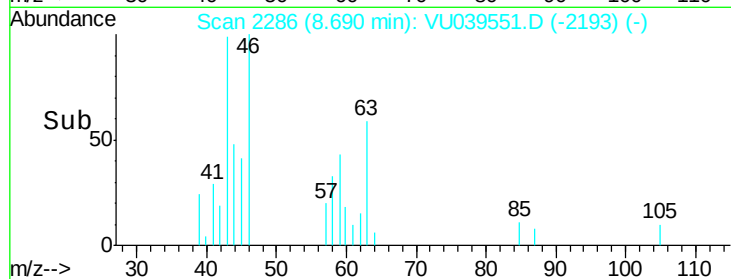
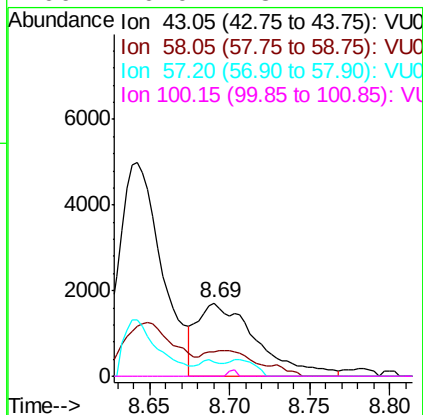
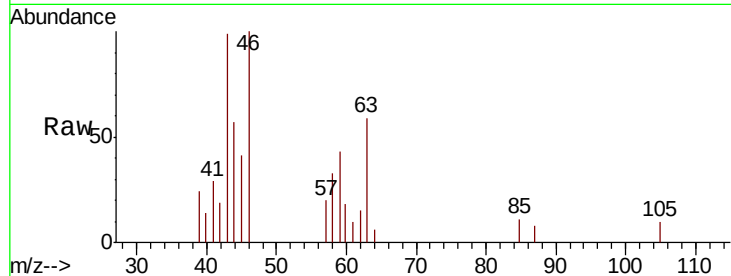




#48
2-Hexanone
Concen: 1.004 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU039551.D
Acq: 17 Jul 2020 14:53

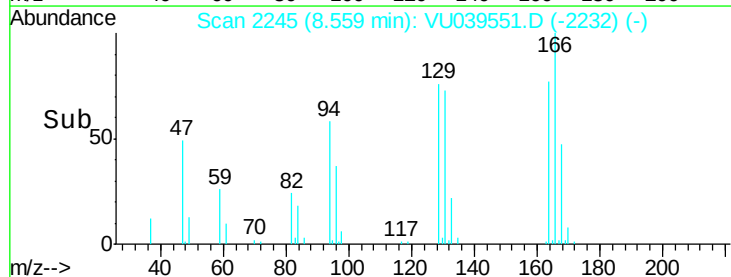
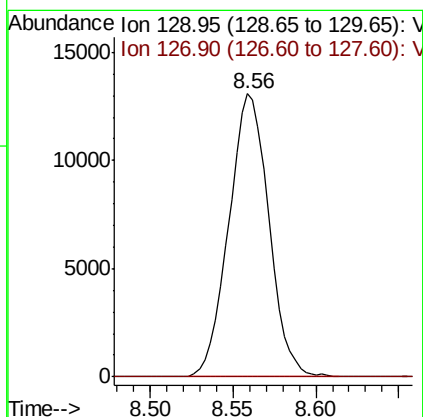
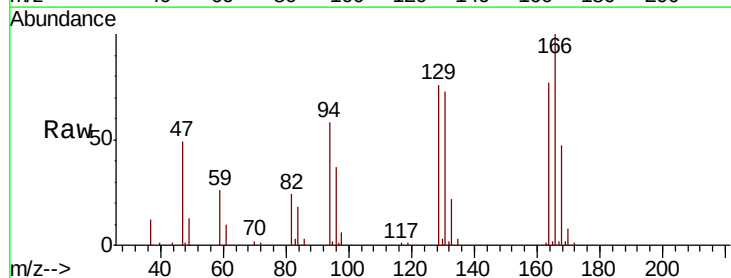
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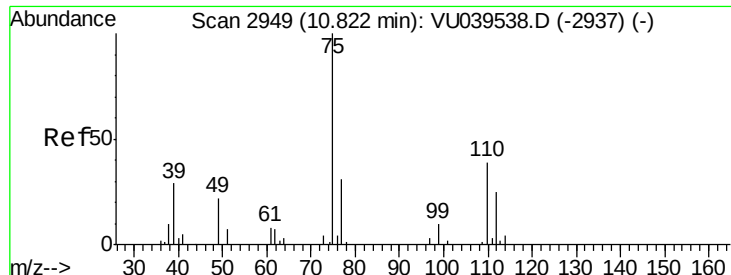
Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.0	63.0#
57	7.3	14.0	21.0#
100	0.0	8.2	12.2#



#49
Dibromochloromethane
Concen: 3.546 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039551.D
Acq: 17 Jul 2020 14:53

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





#59

1,2,3-Trichloropropane

Concen: 1.162 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039551.D

Acq: 17 Jul 2020 14:53

Instrument :

MSVOA_U

ClientSampleId :

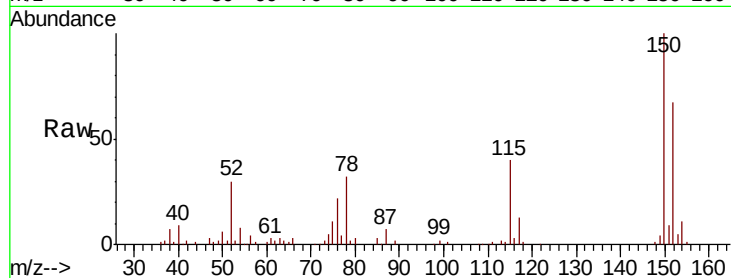
BFT83DL

Tot Ion: 75 Resp: 6086

Ion Ratio Lower Upper

75 100

77 38.6 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

