

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071520\
 Data File : VU039497.D
 Acq On : 15 Jul 2020 14:12
 Operator : SY/MD
 Sample : L3292-01DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT88DL

Quant Time: Jul 16 04:11:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	95322	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43774	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21451	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	24640	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.58	63	36630	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.65	46	114004	45.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.20%
24) Chloroform-d	5.08	84	48518	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.72	65	33921	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.74	84	101633	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	35347	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	87766	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.19	79	13861	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.64	63	80569	39.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31833	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	34389	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
8) Chloroethane	1.95	64	415	0.074 ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	763	0.138 ug/L #	65
12) 1,1-Dichloroethene	2.58	96	905	0.160 ug/L #	1
13) Acetone	2.66	43	1508	1.105 ug/L	57
16) Methylene chloride	3.06	84	9878	1.385 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	1201	0.171 ug/L	92
25) Chloroform	5.11	83	5379	0.434 ug/L	93
34) Trichloroethene	6.56	95	12482	1.773 ug/L	97
35) Methylcyclohexane	6.70	83	7721	0.685 ug/L #	28
37) 1,2-Dichloropropane	6.71	63	4313	0.581 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1062	0.095 ug/L #	64
47) Tetrachloroethene	8.56	164	42050	8.587 ug/L	96
48) 2-Hexanone	8.69	43	4453	0.975 ug/L #	46
49) Dibromochloromethane	8.56	129	41244	6.386 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6989	1.277 ug/L	88

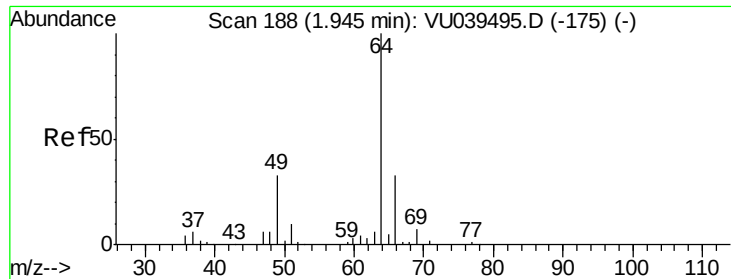
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071520\
Data File : VU039497.D
Acq On : 15 Jul 2020 14:12
Operator : SY/MD
Sample : L3292-01DL 50X
Misc : 25.0mL/MSVOA U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
BFT88DL

Quant Time: Jul 16 04:11:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 04:09:55 2020
Response via : Initial Calibration

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

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



#8

Chloroethane

Concen: 0.074 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU039497.D

Acq: 15 Jul 2020 14:12

Instrument :

MSVOA_U

ClientSampled :

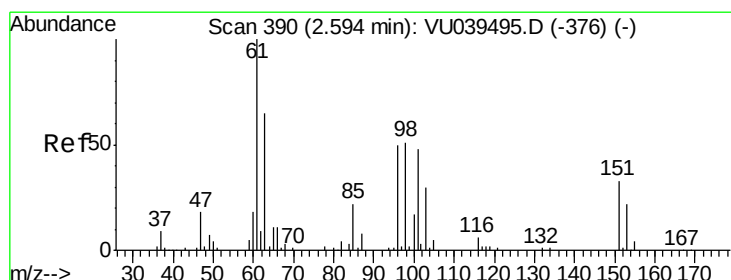
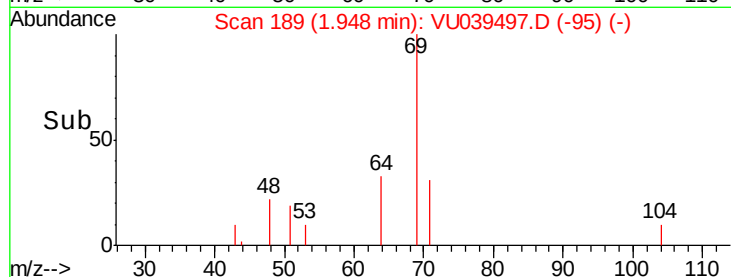
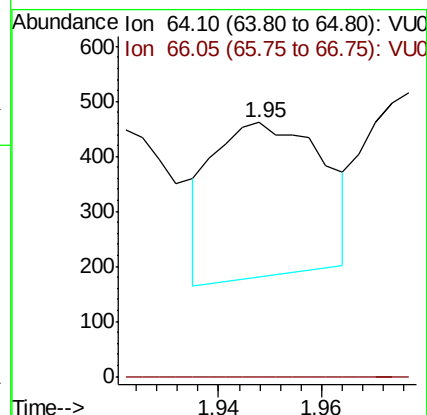
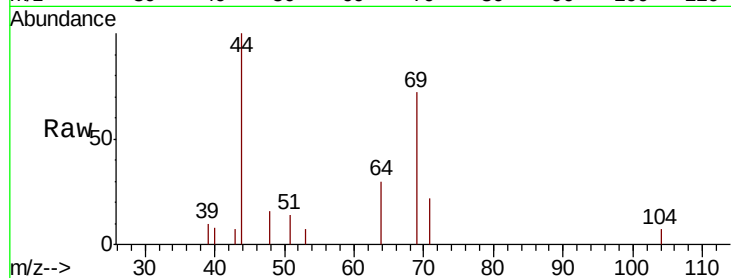
BFT88DL

Tot Ion: 64 Resp: 415

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.138 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039497.D

Acq: 15 Jul 2020 14:12

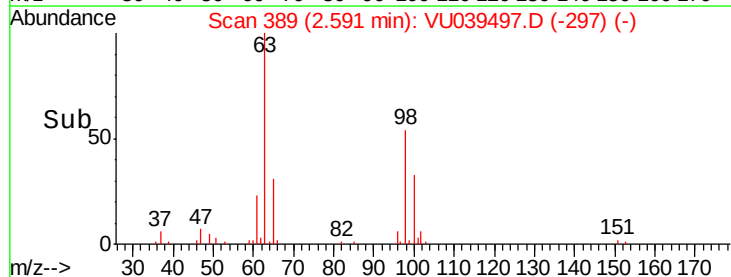
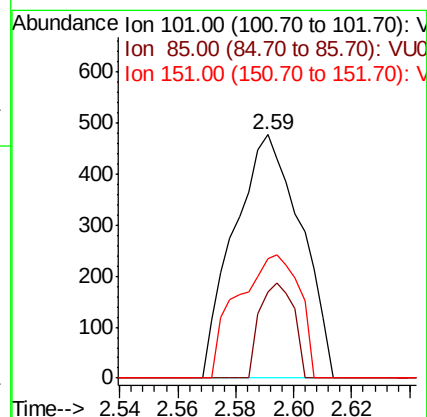
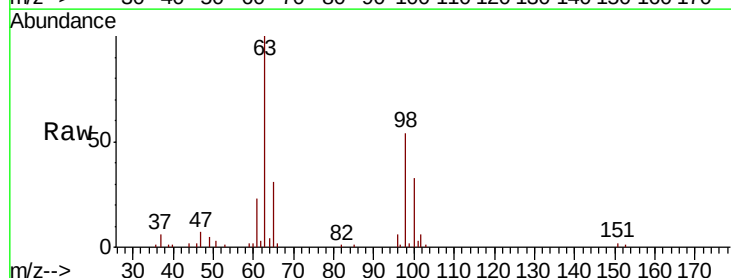
Tgt Ion: 101 Resp: 763

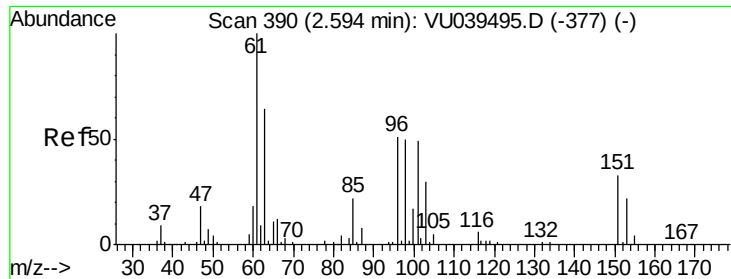
Ion Ratio Lower Upper

101 100

85 19.8 38.9 58.3#

151 46.9 57.0 85.4#

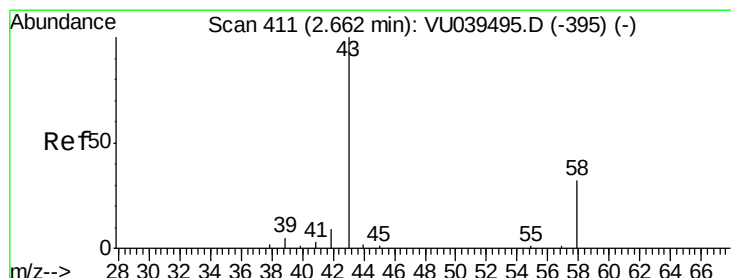
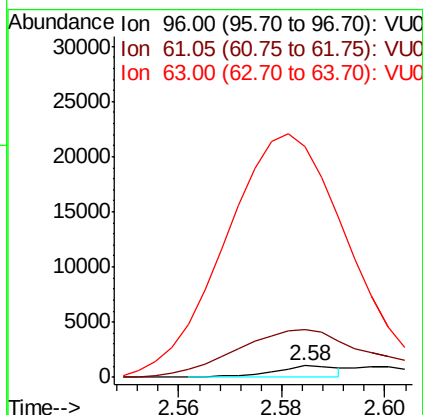
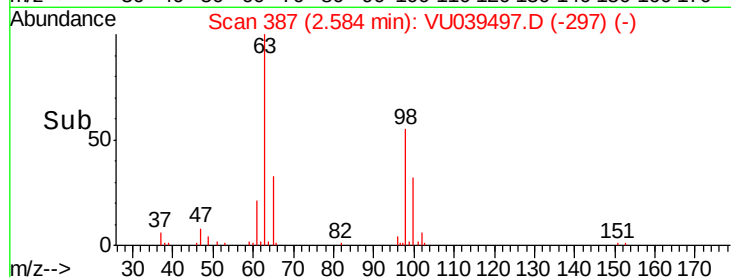
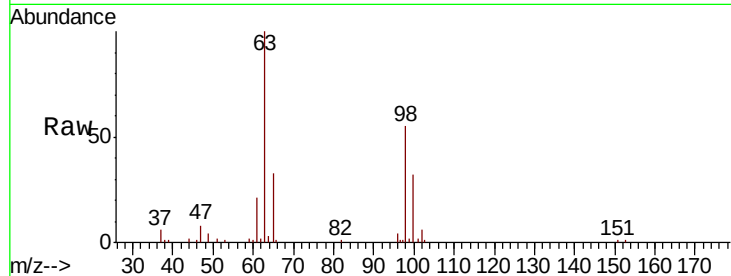




#12
 1,1-Dichloroethene
 Concen: 0.160 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU039497.D
 Acq: 15 Jul 2020 14:12

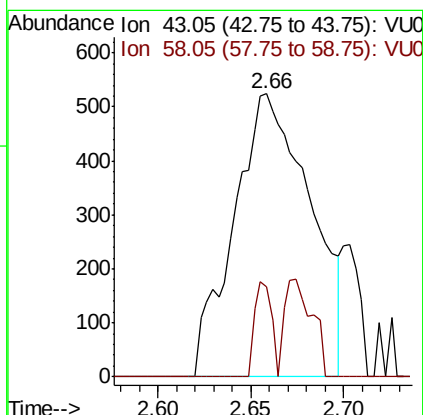
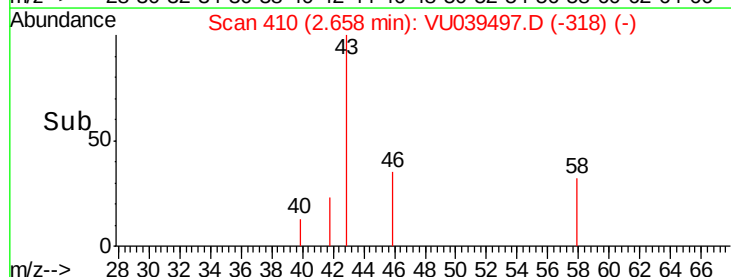
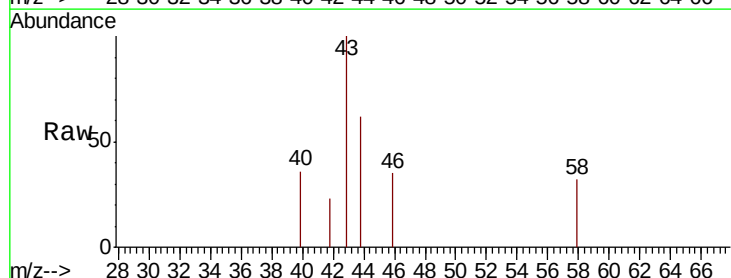
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT88DL

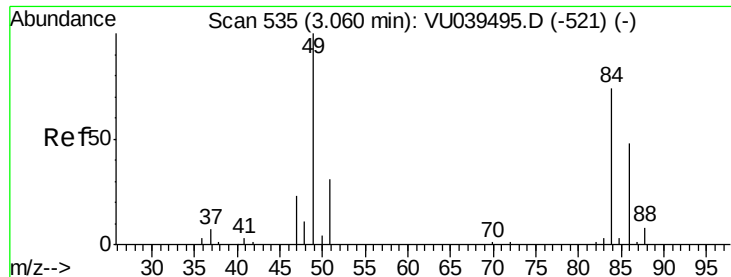
Tot Ion: 96 Resp: 905
 Ion Ratio Lower Upper
 96 100
 61 420.3 125.4 232.8#
 63 2013.5 92.7 172.3#



#13
 Acetone
 Concen: 1.105 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU039497.D
 Acq: 15 Jul 2020 14:12

Tgt Ion: 43 Resp: 1508
 Ion Ratio Lower Upper
 43 100
 58 7.4 0.0 62.8

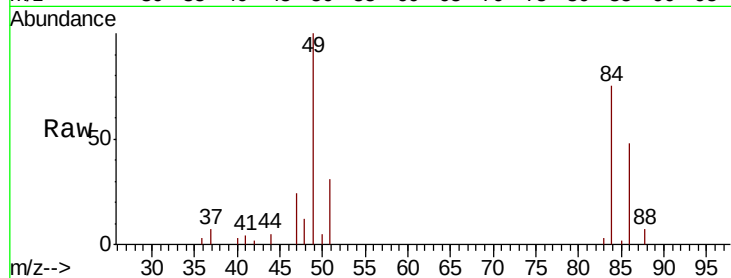




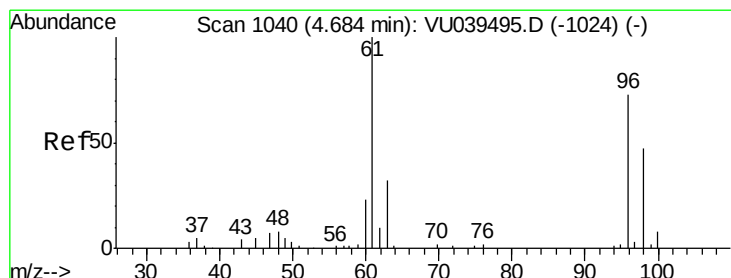
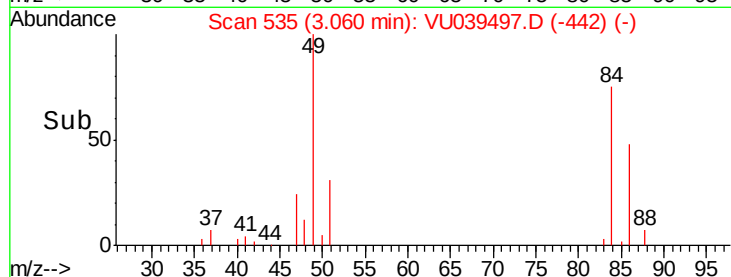
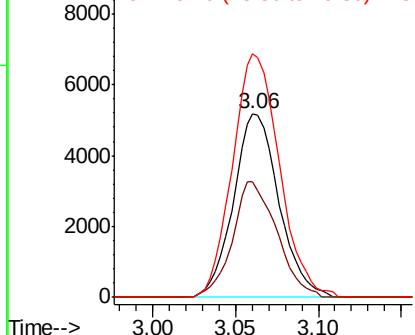
#16
Methylene chloride
Concen: 1.385 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039497.D
Acq: 15 Jul 2020 14:12

Instrument :
MSVOA_U
ClientSampleId :
BFT88DL

Tot Ion: 84 Resp: 9878
Ion Ratio Lower Upper
84 100
86 63.0 43.5 80.9
49 132.7 91.1 169.1

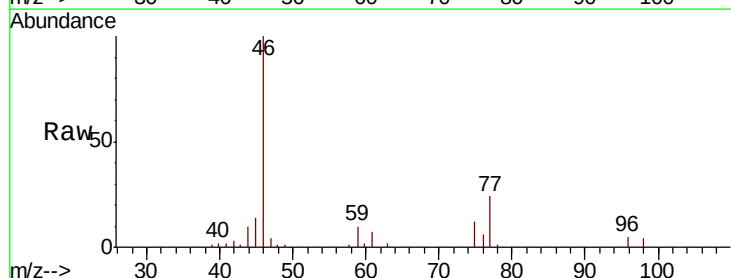


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

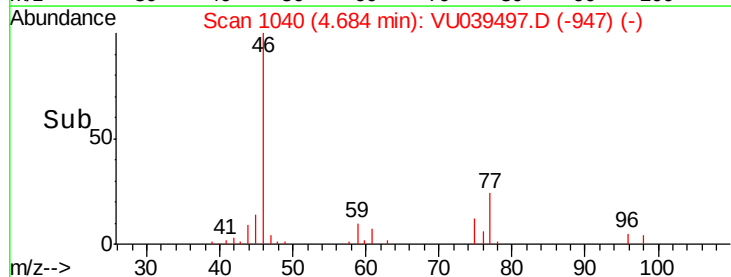
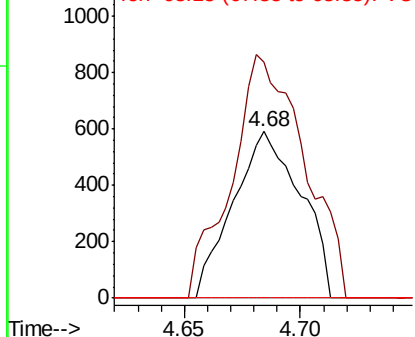


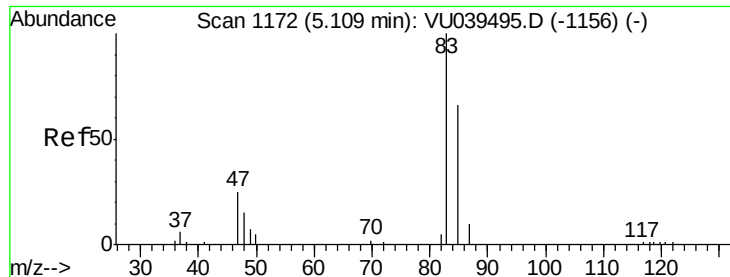
#22
cis-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU039497.D
Acq: 15 Jul 2020 14:12

Tgt Ion: 96 Resp: 1201
Ion Ratio Lower Upper
96 100
61 141.9 92.8 172.4
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.434 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039497.D

Acq: 15 Jul 2020 14:12

Instrument :

MSVOA_U

ClientSampleId :

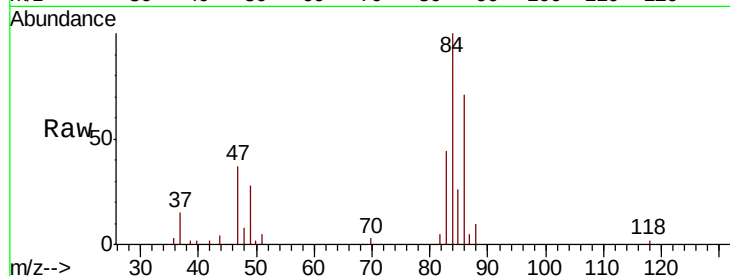
BFT88DL

Tot Ion: 83 Resp: 5379

Ion Ratio Lower Upper

83 100

85 58.4 44.9 83.5

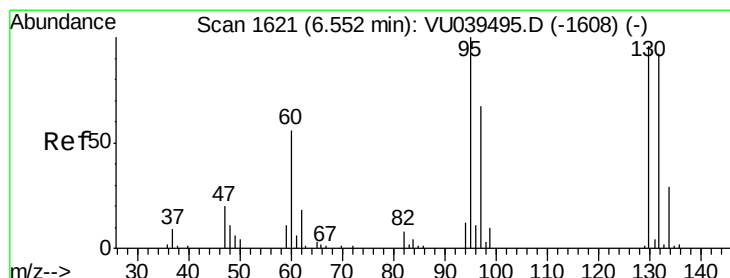
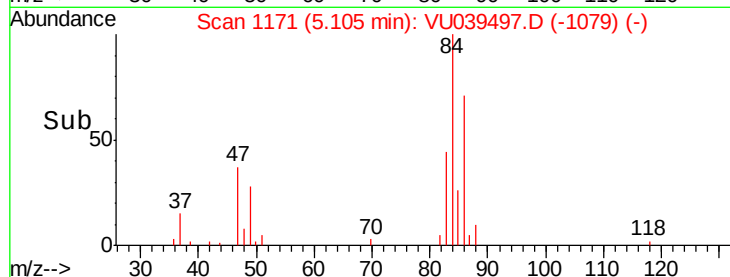


Abundance Ion 83.05 (82.75 to 83.75): VU039497.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU039497.D (-1156) (-)

5.11

Time-->



#34

Trichloroethene

Concen: 1.773 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039497.D

Acq: 15 Jul 2020 14:12

Tgt Ion: 95 Resp: 12482

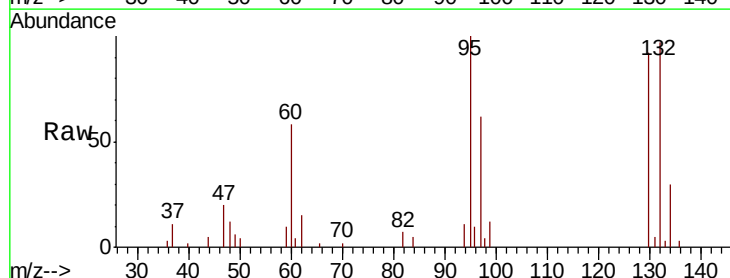
Ion Ratio Lower Upper

95 100

97 61.9 46.3 85.9

132 96.6 64.0 118.8

130 92.1 64.3 119.5



Abundance Ion 95.00 (94.70 to 95.70): VU039497.D (-1608) (-)

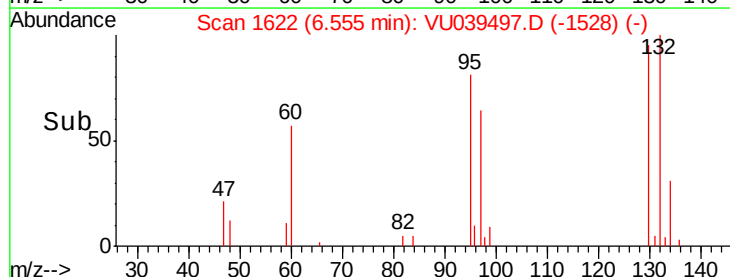
Ion 96.95 (96.65 to 97.65): VU039497.D (-1608) (-)

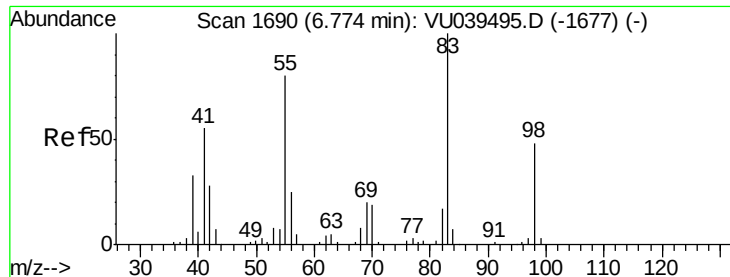
Ion 131.95 (131.65 to 132.65): VU039497.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU039497.D (-1608) (-)

6.56

Time-->

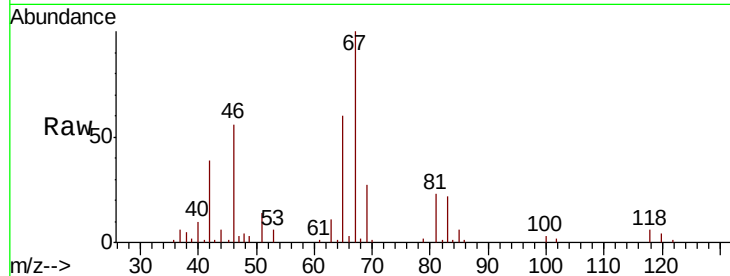




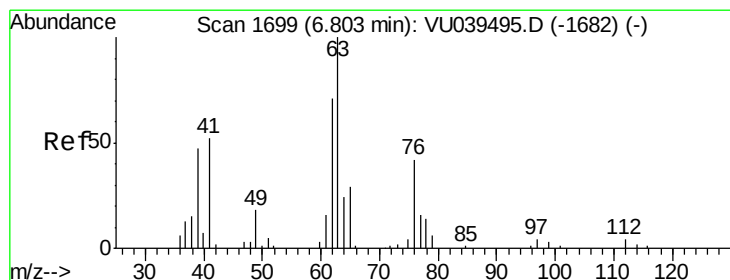
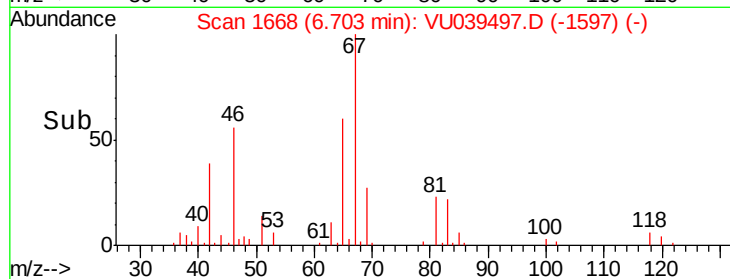
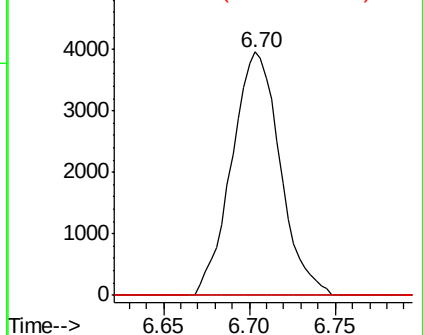
#35
Methylvlcyclohexane
Concen: 0.685 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039497.D
Acq: 15 Jul 2020 14:12

Instrument :
MSVOA_U
ClientSampleId :
BFT88DL

Tot Ion: 83 Resp: 7721
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 17.1 35.9 53.9#

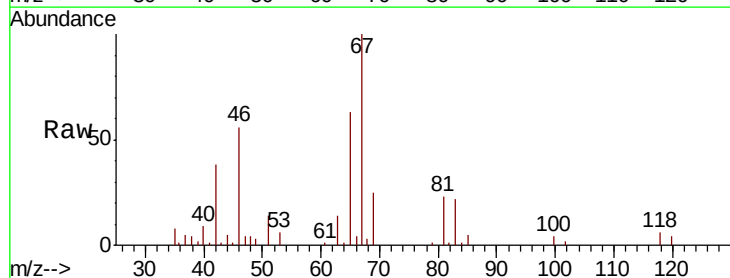


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

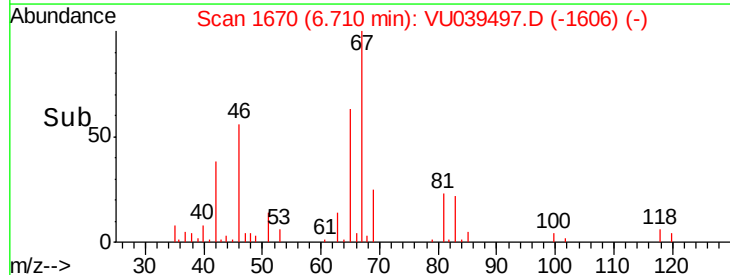
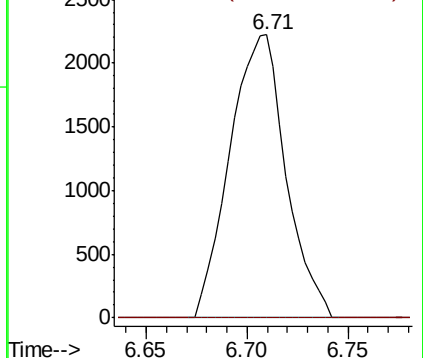


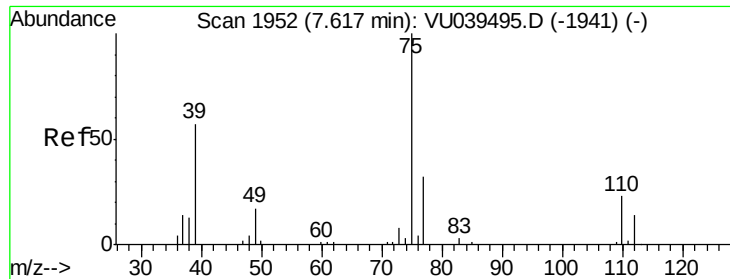
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039497.D
Acq: 15 Jul 2020 14:12

Tgt Ion: 63 Resp: 4313
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

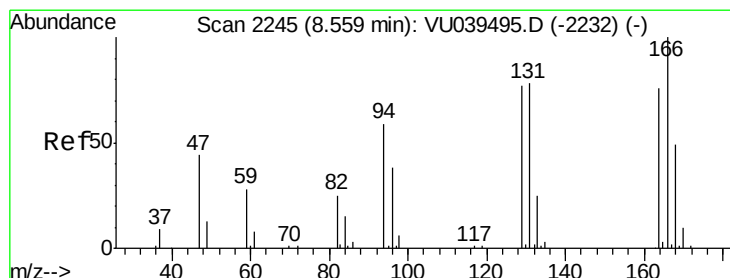
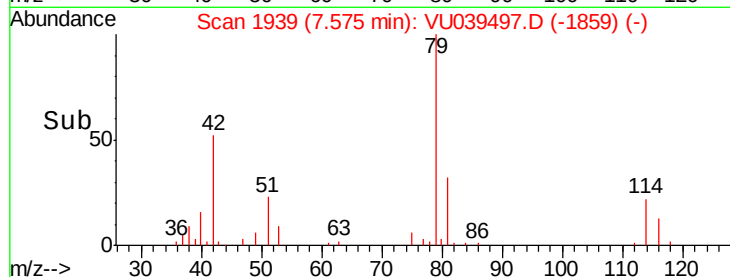
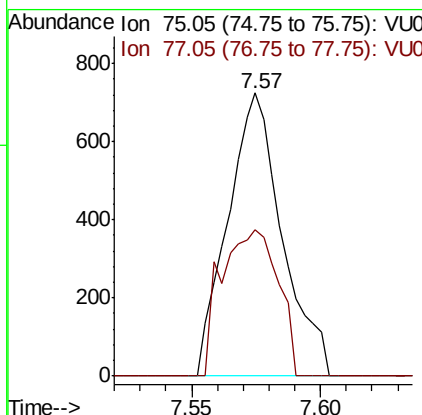
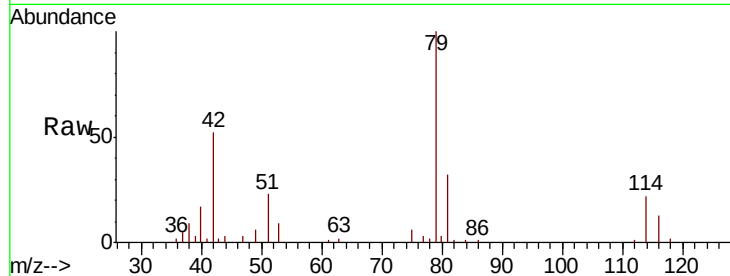




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039497.D
 Acq: 15 Jul 2020 14:12

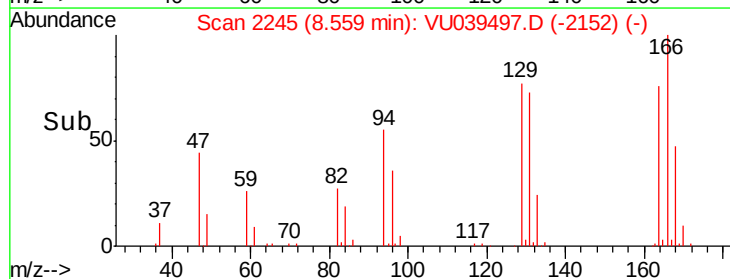
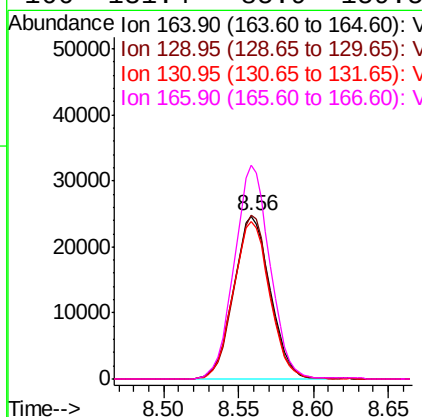
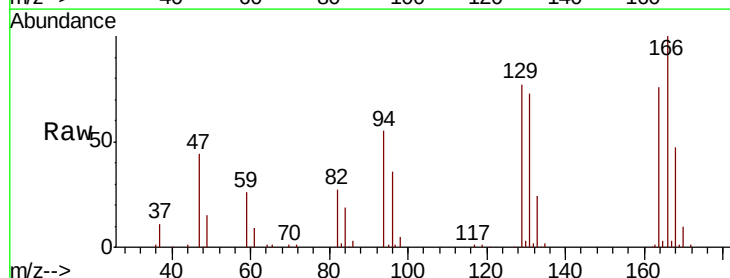
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT88DL

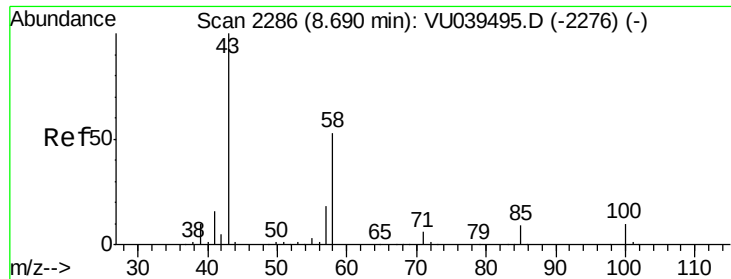
Tot Ion: 75 Resp: 1062
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 8.587 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039497.D
 Acq: 15 Jul 2020 14:12

Tgt Ion: 164 Resp: 42050
 Ion Ratio Lower Upper
 164 100
 129 100.9 68.6 127.4
 131 96.5 66.4 123.4
 166 131.4 85.9 159.5

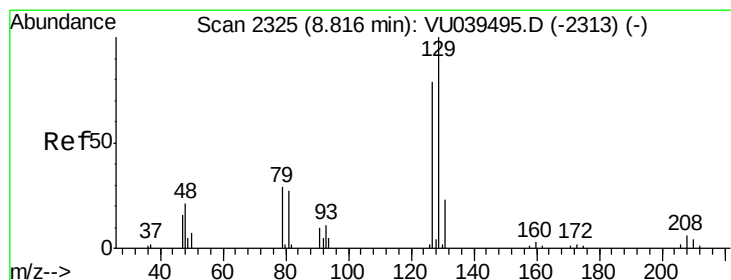
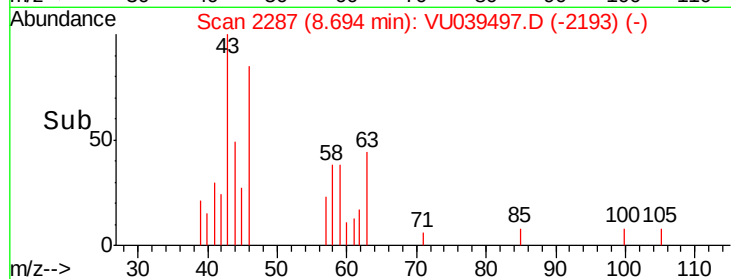
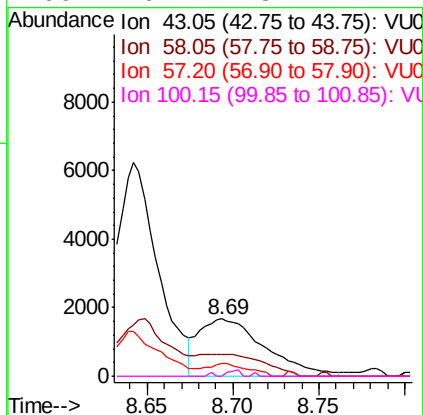
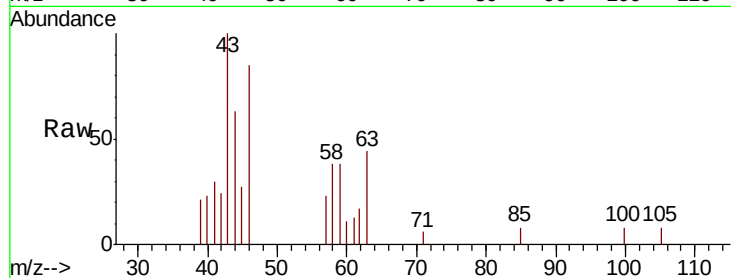




#48
2-Hexanone
Concen: 0.975 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039497.D
Acq: 15 Jul 2020 14:12

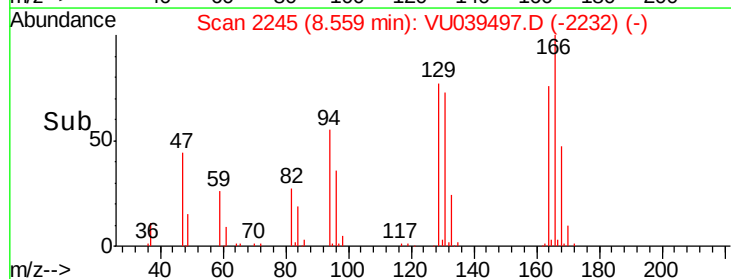
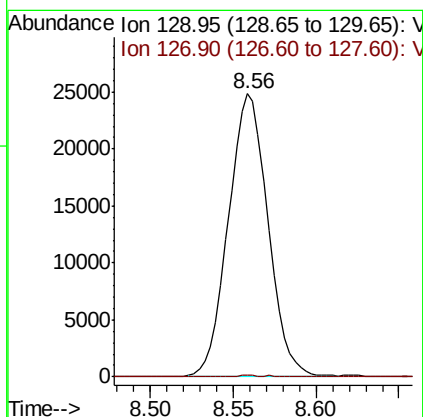
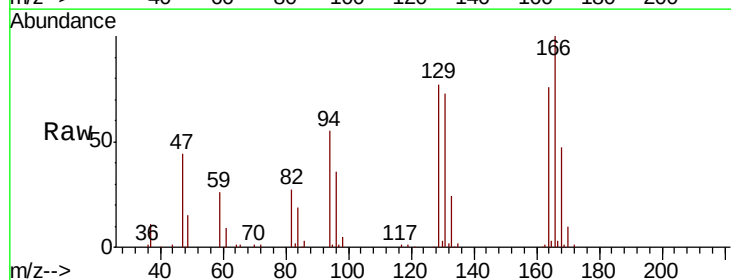
Instrument :
MSVOA_U
ClientSampleId :
BFT88DL

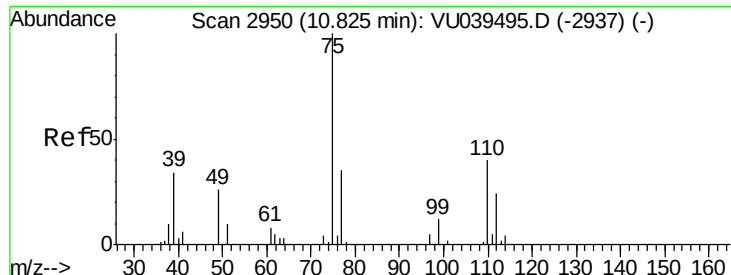
Tot Ion: 43 Resp: 4453
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 14.3 14.0 21.0
100 0.4 8.2 12.2#



#49
Dibromochloromethane
Concen: 6.386 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039497.D
Acq: 15 Jul 2020 14:12

Tgt Ion: 129 Resp: 41244
Ion Ratio Lower Upper
129 100
127 0.6 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.277 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039497.D

Acq: 15 Jul 2020 14:12

Instrument :

MSVOA_U

ClientSampleId :

BFT88DL

Tot Ion: 75 Resp: 6989

Ion Ratio Lower Upper

75 100

77 40.1 26.8 40.2

