

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071720\
 Data File : VU039555.D
 Acq On : 17 Jul 2020 17:12
 Operator : SY/MD
 Sample : L3292-17DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT92DL

Quant Time: Jul 17 23:44:02 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	6.26	114	88469	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19132	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.92	69	24881	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	30613	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.65	46	97610	41.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.20%
24) Chloroform-d	5.08	84	45788	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.72	65	31452	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.75	84	91331	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.71	67	31674	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	79054	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	12521	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	67466	36.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.02%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28070	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31469	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	750	0.115 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	821	0.160 ug/L #	71
12) 1,1-Dichloroethene	2.59	96	1195	0.227 ug/L #	1
13) Acetone	2.65	43	3180	2.511 ug/L	81
16) Methylene chloride	3.06	84	3928	0.594 ug/L	78
22) cis-1,2-Dichloroethene	4.69	96	6787	1.039 ug/L	100
25) Chloroform	5.11	83	5982	0.520 ug/L	95
34) Trichloroethene	6.56	95	45624	6.981 ug/L	93
35) Methylcyclohexane	6.71	83	7030	0.671 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	3997	0.580 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1067	0.102 ug/L #	1
47) Tetrachloroethene	8.56	164	592	0.130 ug/L #	71
48) 2-Hexanone	8.69	43	4204	0.992 ug/L #	76
49) Dibromochloromethane	8.56	129	553	0.092 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5952	1.172 ug/L #	87

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QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

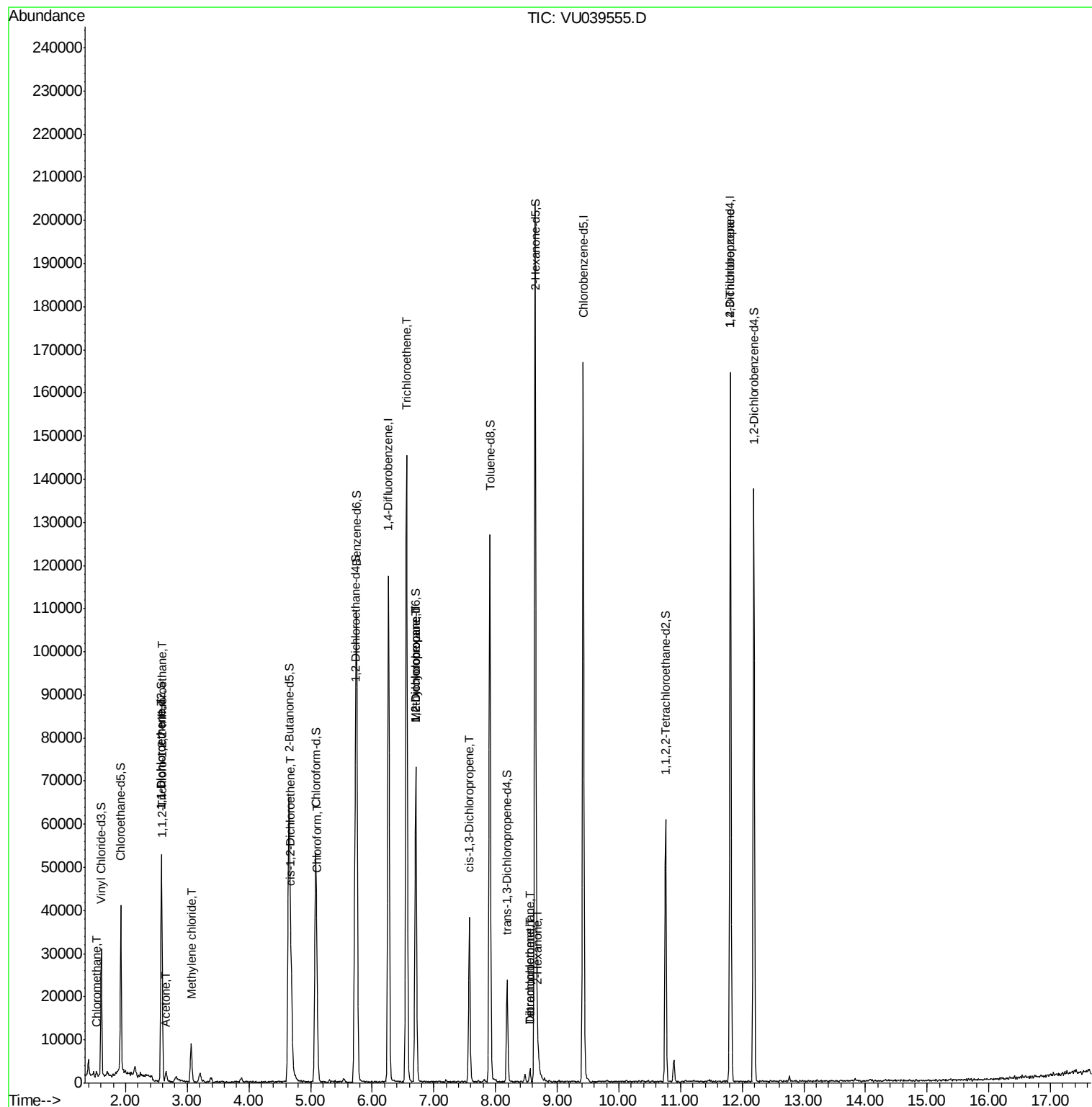
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

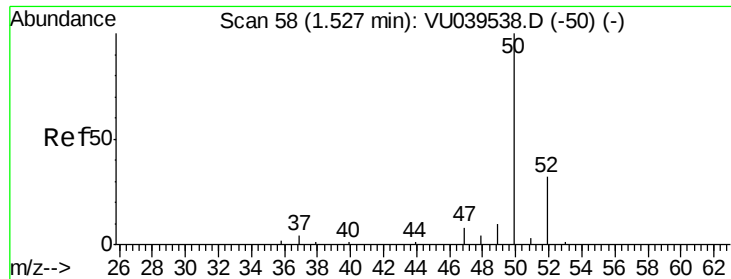
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

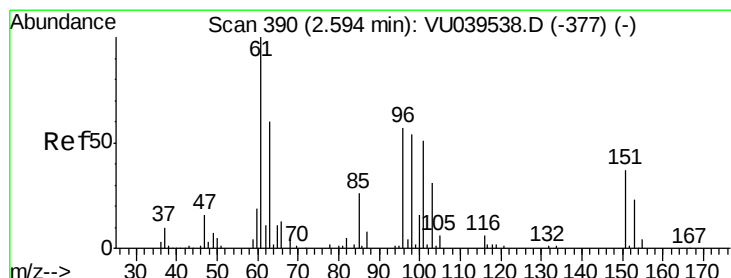
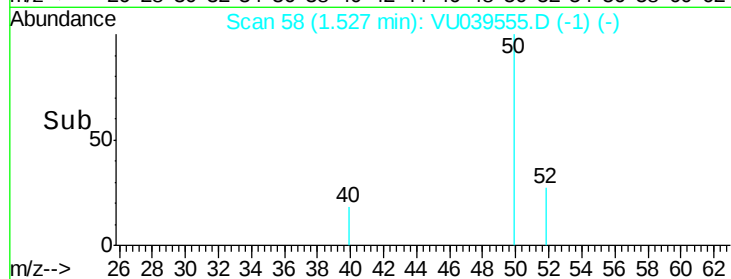
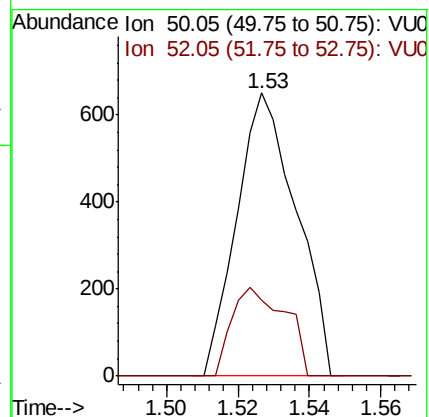
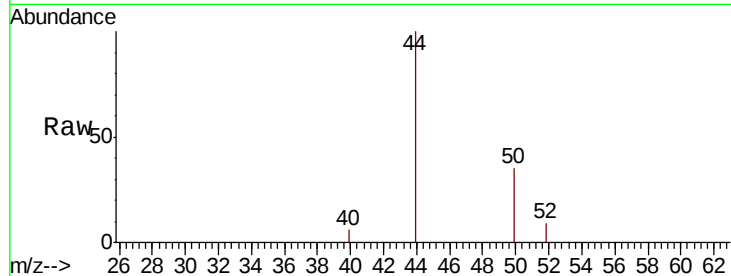
BFT92DL

Tot Ion: 50 Resp: 750

Ion Ratio Lower Upper

50 100

52 26.9 23.0 42.8



#10

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

Concen: 0.160 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

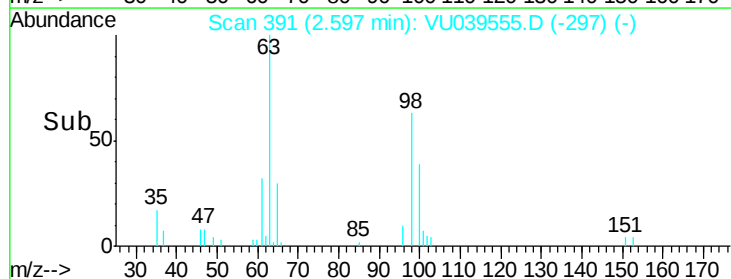
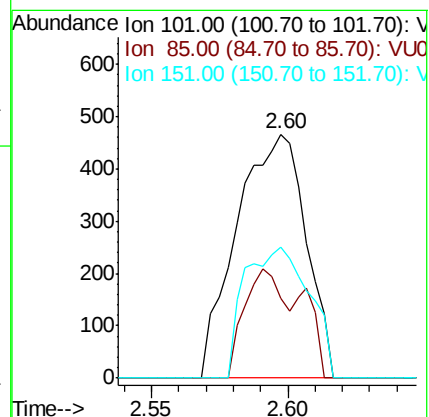
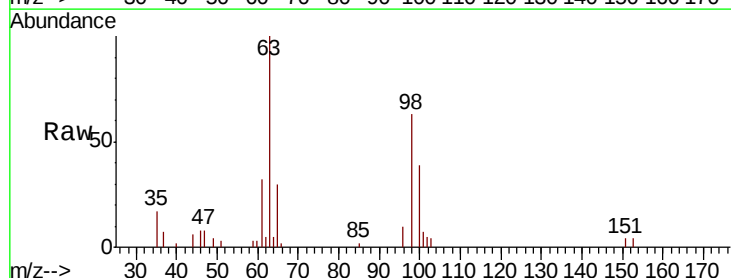
Tgt Ion:101 Resp: 821

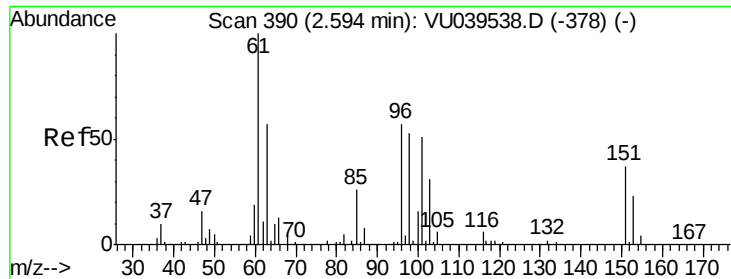
Ion Ratio Lower Upper

101 100

85 25.9 38.9 58.3#

151 50.2 57.0 85.4#

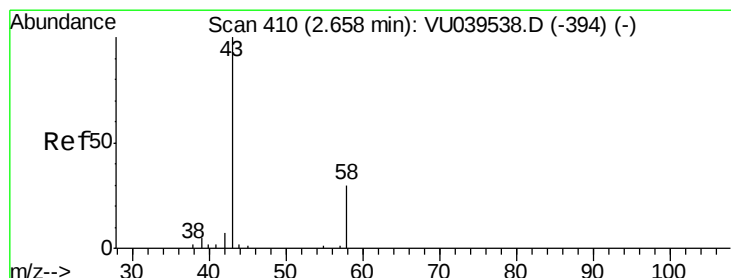
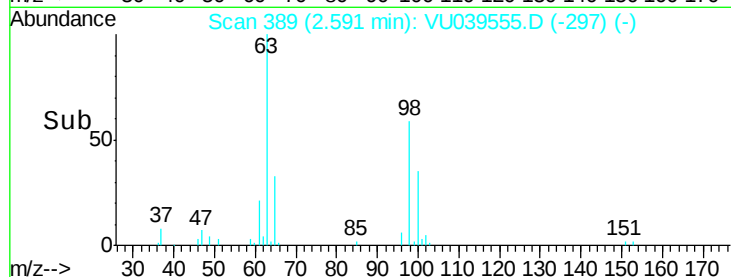
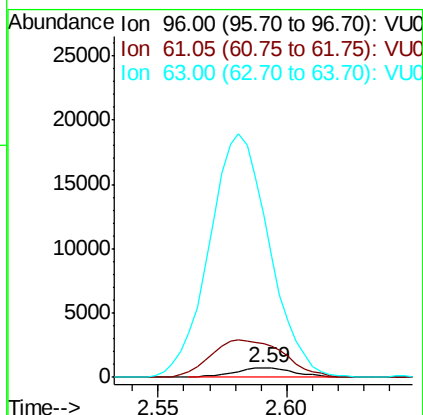
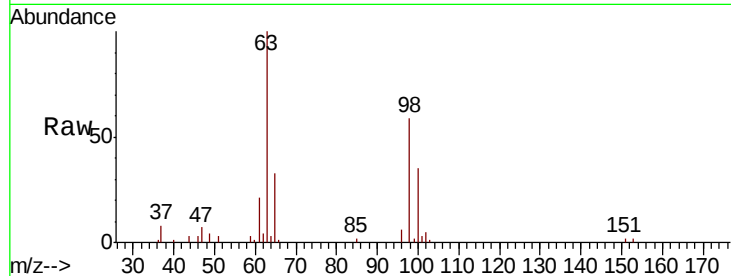




#12
 1,1-Dichloroethene
 Concen: 0.227 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039555.D
 Acq: 17 Jul 2020 17:12

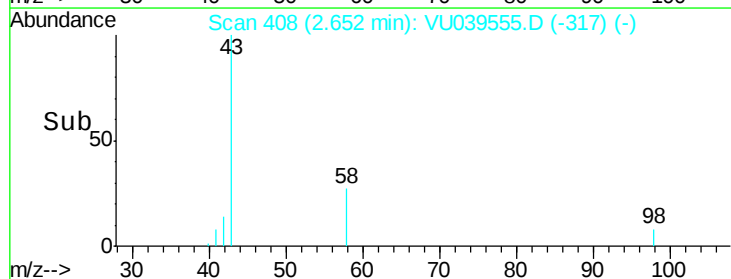
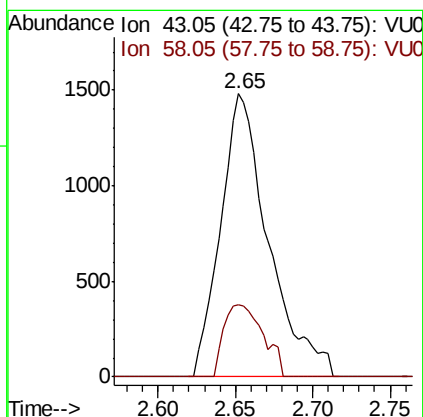
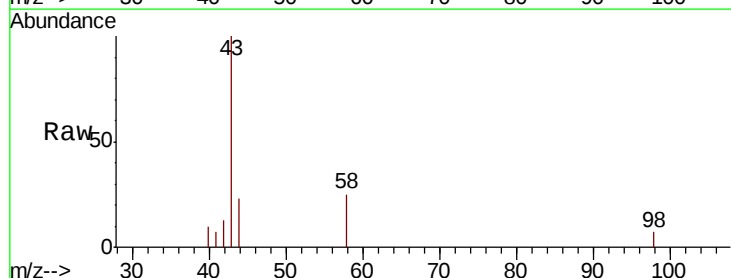
Instrument :
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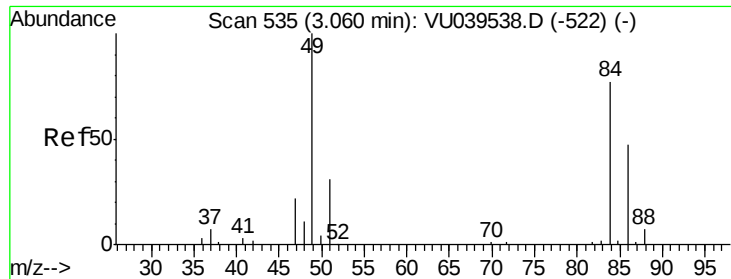
Tot Ion: 96 Resp: 1195
 Ion Ratio Lower Upper
 96 100
 61 354.7 125.4 232.8#
 63 1678.8 92.7 172.3#



#13
 Acetone
 Concen: 2.511 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VU039555.D
 Acq: 17 Jul 2020 17:12

Tgt Ion: 43 Resp: 3180
 Ion Ratio Lower Upper
 43 100
 58 21.0 0.0 62.8

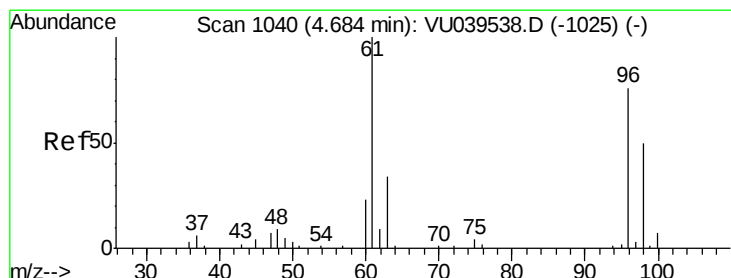
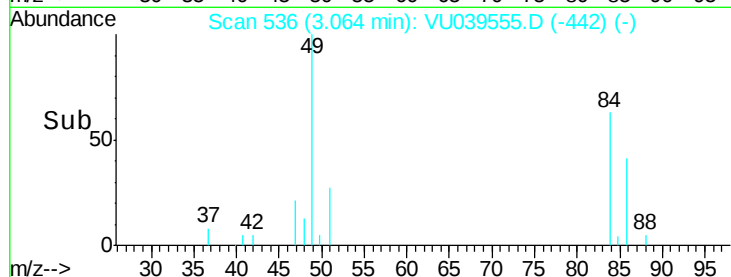
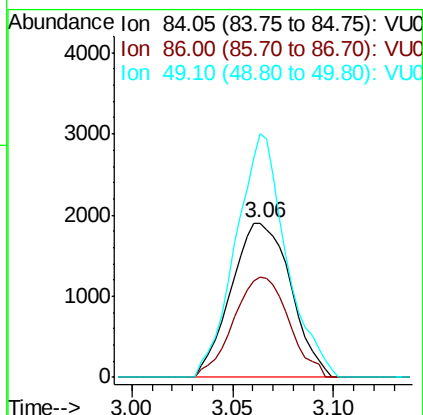
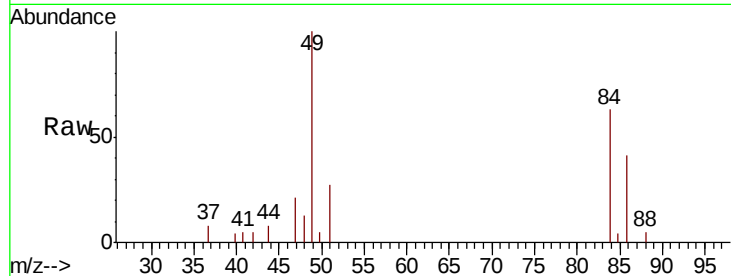




#16
Methvlene chloride
Concen: 0.594 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

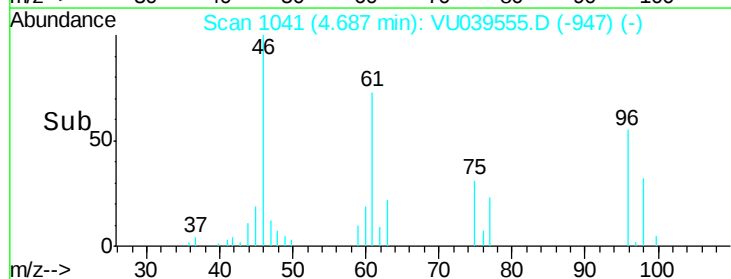
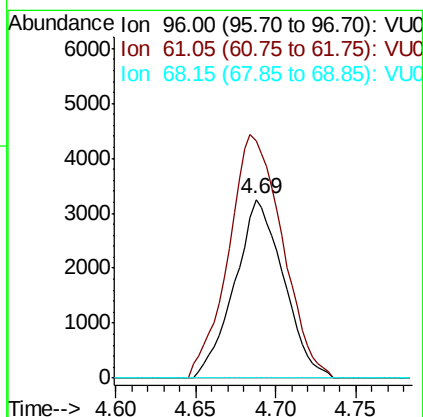
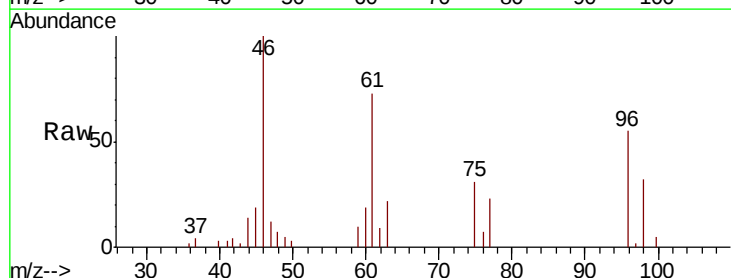
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ClientSampleId :
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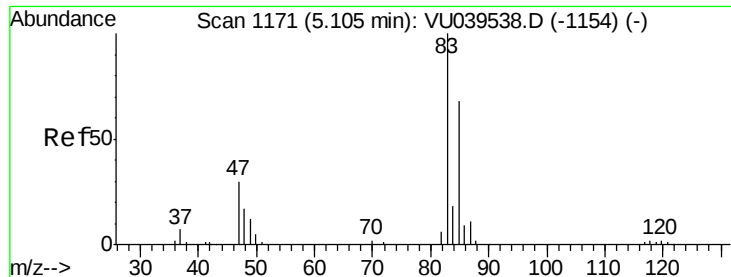
Tot Ion: 84 Resp: 3928
Ion Ratio Lower Upper
84 100
86 64.6 43.5 80.9
49 165.7 91.1 169.1



#22
cis-1,2-Dichloroethene
Concen: 1.039 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

Tgt Ion: 96 Resp: 6787
Ion Ratio Lower Upper
96 100
61 132.8 92.8 172.4
68 0.0 0.0 0.0

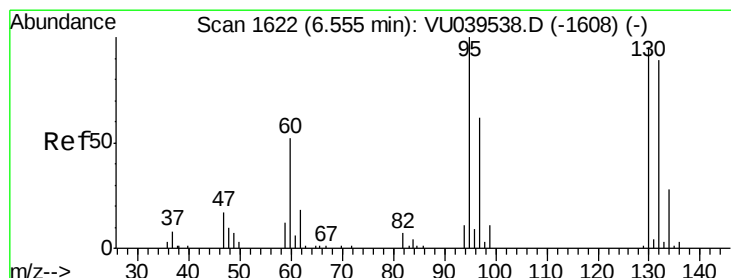
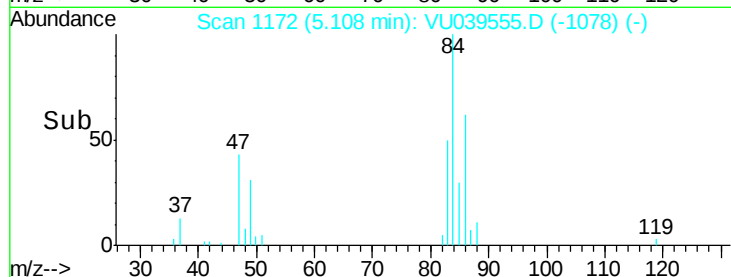
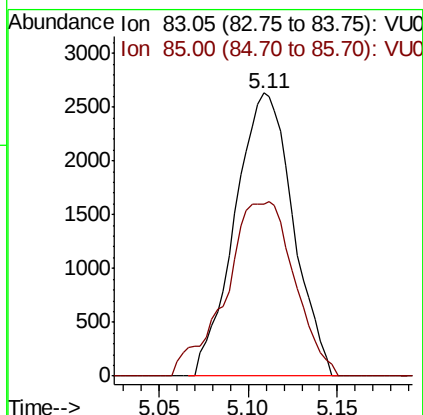
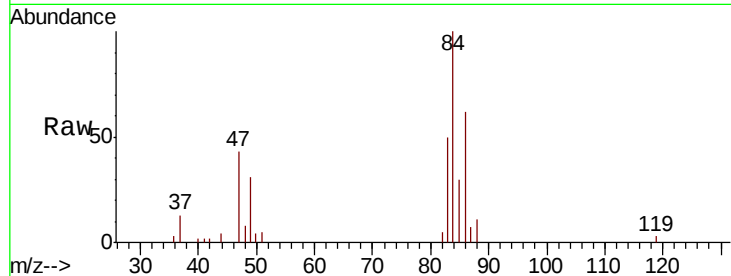




#25
Chloroform
Concen: 0.520 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

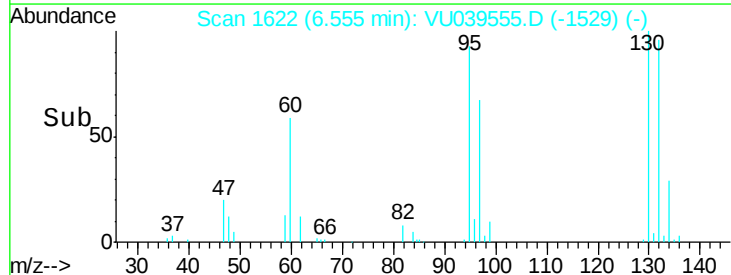
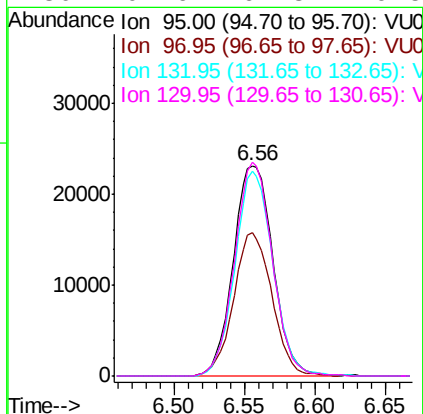
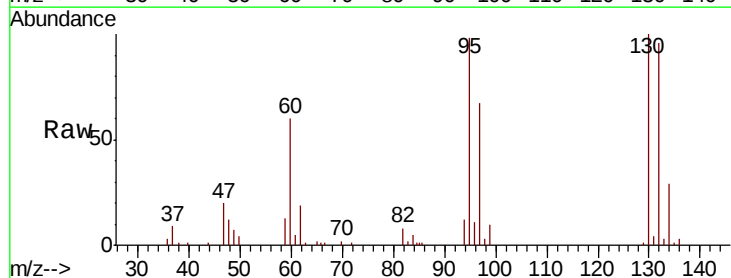
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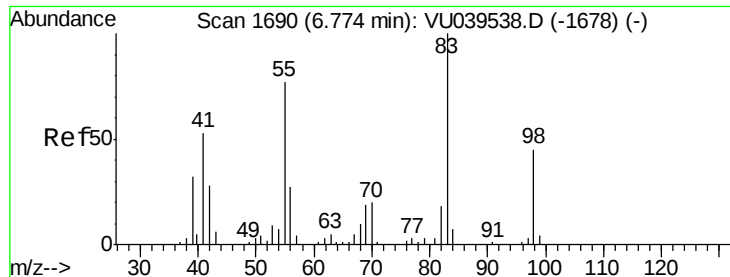
Tot Ion: 83 Resp: 5982
Ion Ratio Lower Upper
83 100
85 60.6 44.9 83.5



#34
Trichloroethene
Concen: 6.981 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

Tgt Ion: 95 Resp: 45624
Ion Ratio Lower Upper
95 100
97 68.2 46.3 85.9
132 97.5 64.0 118.8
130 101.6 64.3 119.5

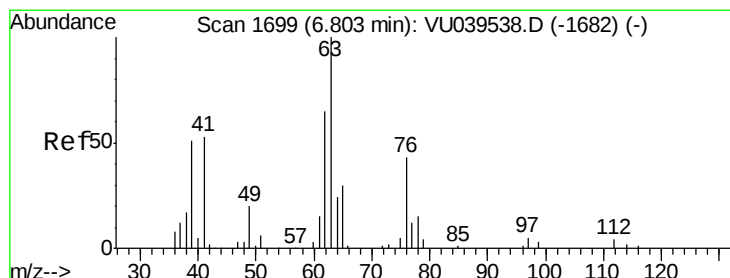
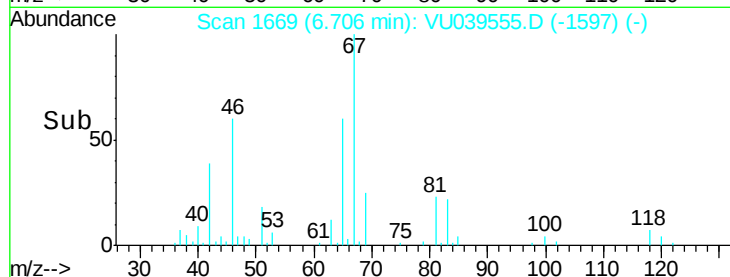
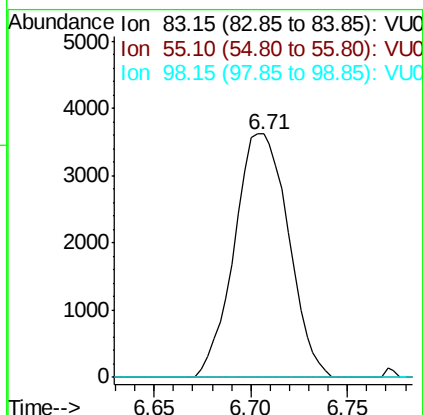
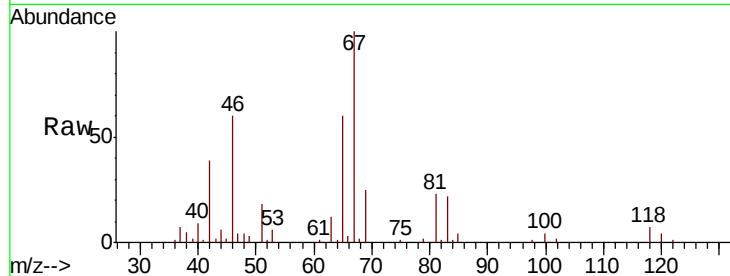




#35
Methvlcvclohexane
Concen: 0.671 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

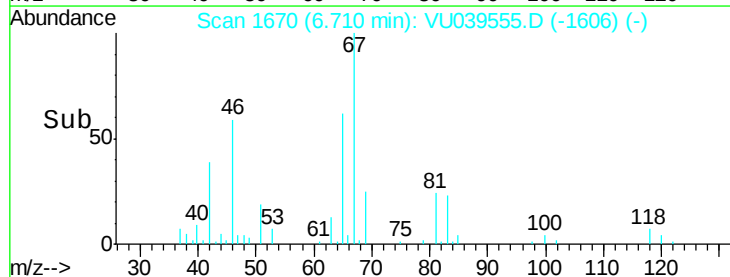
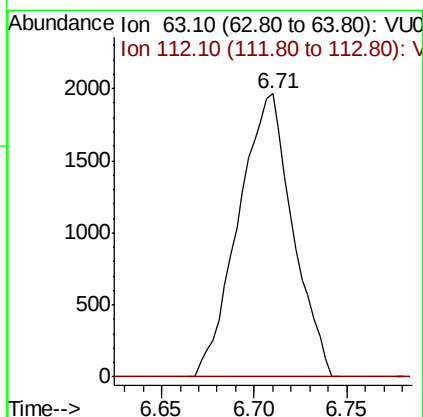
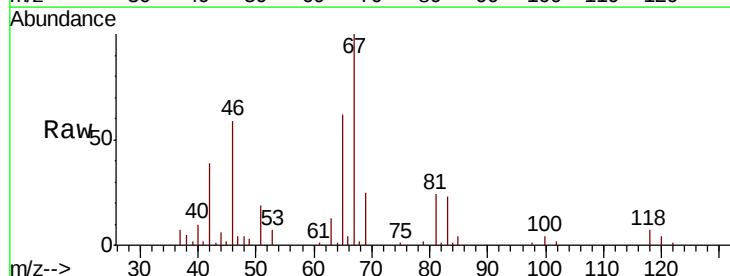
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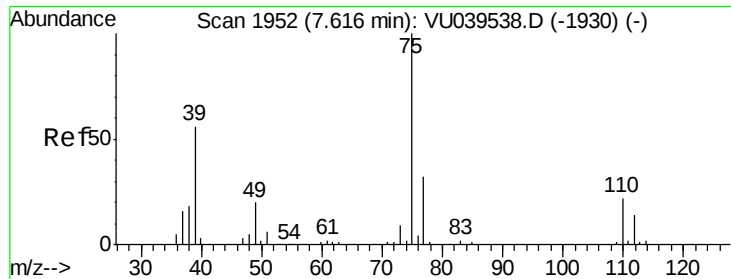
Tot Ion: 83 Resp: 7030
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

Tgt Ion: 63 Resp: 3997
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

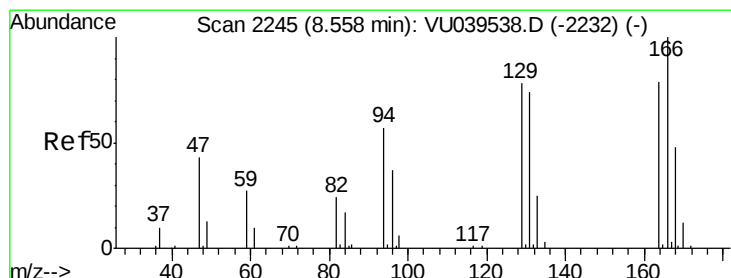
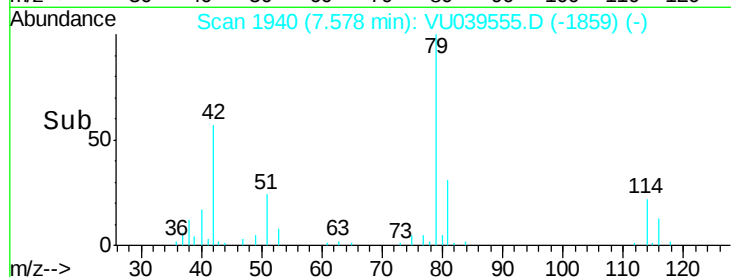
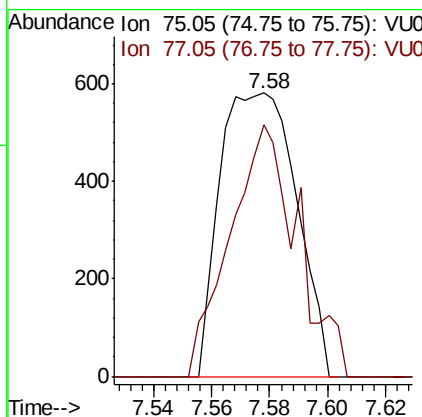
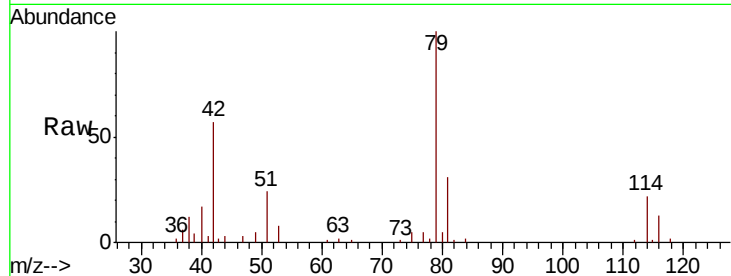




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039555.D
 Acq: 17 Jul 2020 17:12

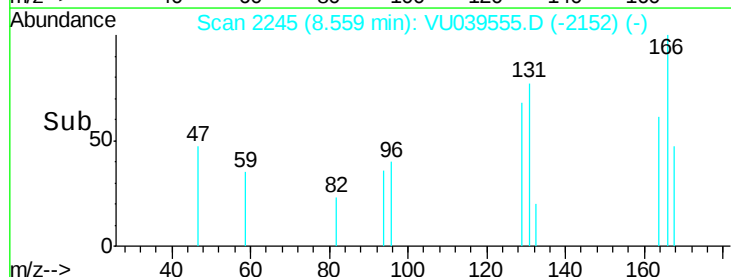
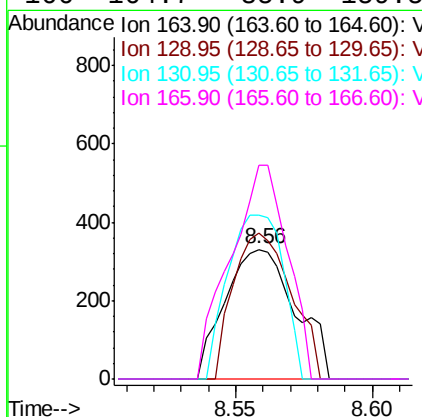
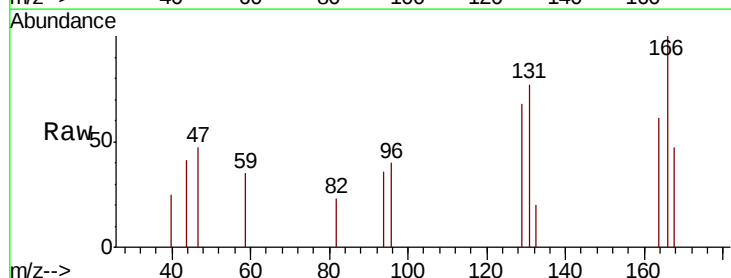
Instrument :
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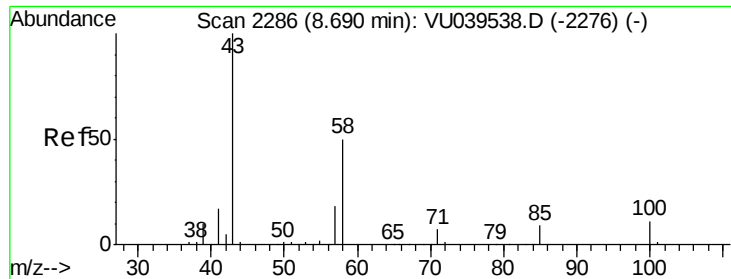
Tot Ion: 75 Resp: 1067
 Ion Ratio Lower Upper
 75 100
 77 88.8 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.130 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU039555.D
 Acq: 17 Jul 2020 17:12

Tgt Ion:164 Resp: 592
 Ion Ratio Lower Upper
 164 100
 129 112.1 68.6 127.4
 131 126.0 66.4 123.4#
 166 164.7 85.9 159.5#

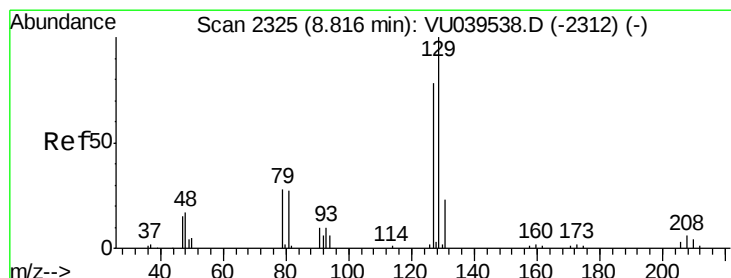
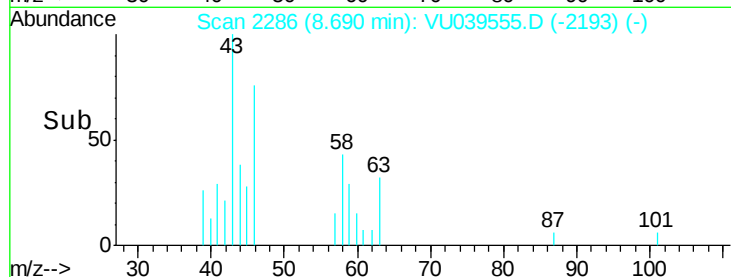
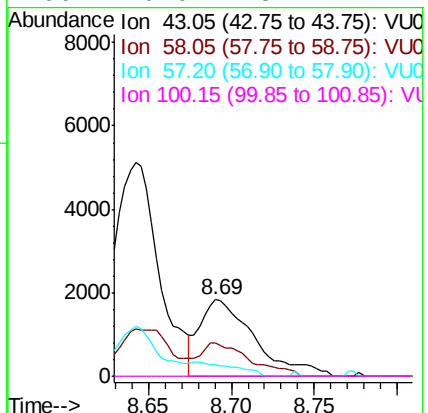
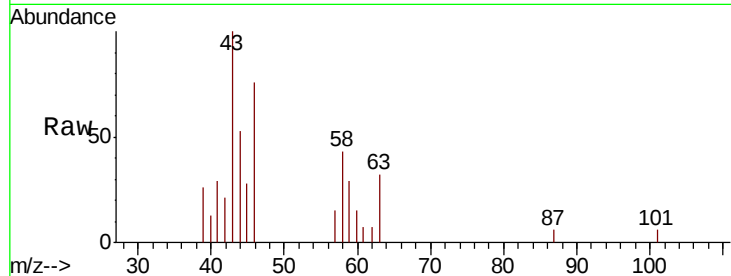




#48
2-Hexanone
Concen: 0.992 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

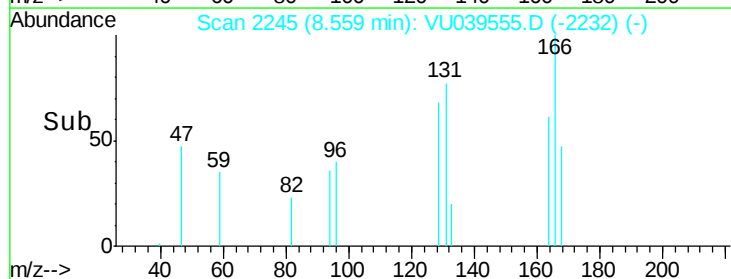
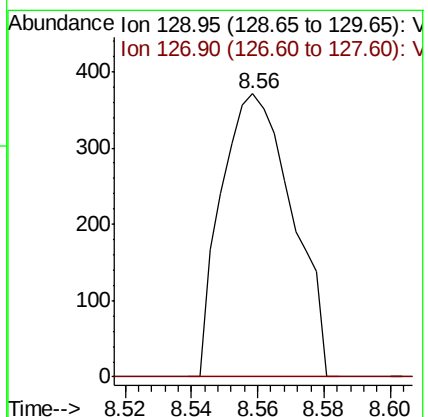
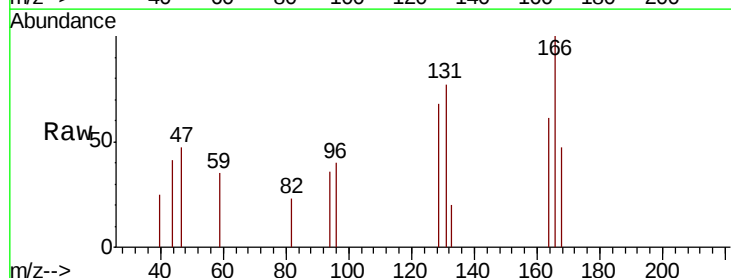
Instrument :
MSVOA_U
ClientSampleId :
BFT92DL

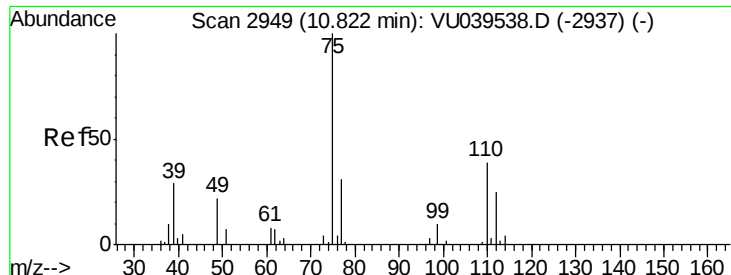
Tot Ion: 43 Resp: 4204
Ion Ratio Lower Upper
43 100
58 40.2 42.0 63.0#
57 0.0 14.0 21.0#
100 0.0 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.092 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039555.D
Acq: 17 Jul 2020 17:12

Tgt Ion: 129 Resp: 553
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.172 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

BFT92DL

Tot Ion: 75 Resp: 5952

Ion Ratio Lower Upper

75 100

77 41.1 26.8 40.2#

