

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061720\
 Data File : VU038945.D
 Acq On : 17 Jun 2020 15:44
 Operator : SY/MD
 Sample : L3040-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L08

Quant Time: Jun 18 04:09:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	335494	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.44	117	326962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164329	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.63	65	80396	3.45	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.94	69	104396	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.60	63	174389	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.80	46	279116	37.45	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.90%
24) Chloroform-d	5.13	84	180562	3.90	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.77	65	108575	4.07	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.78	84	346252	4.05	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.74	67	109004	4.12	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.93	98	291917	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.21	79	47489	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.67	63	284110	44.54	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104597	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	123983	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

Target Compounds

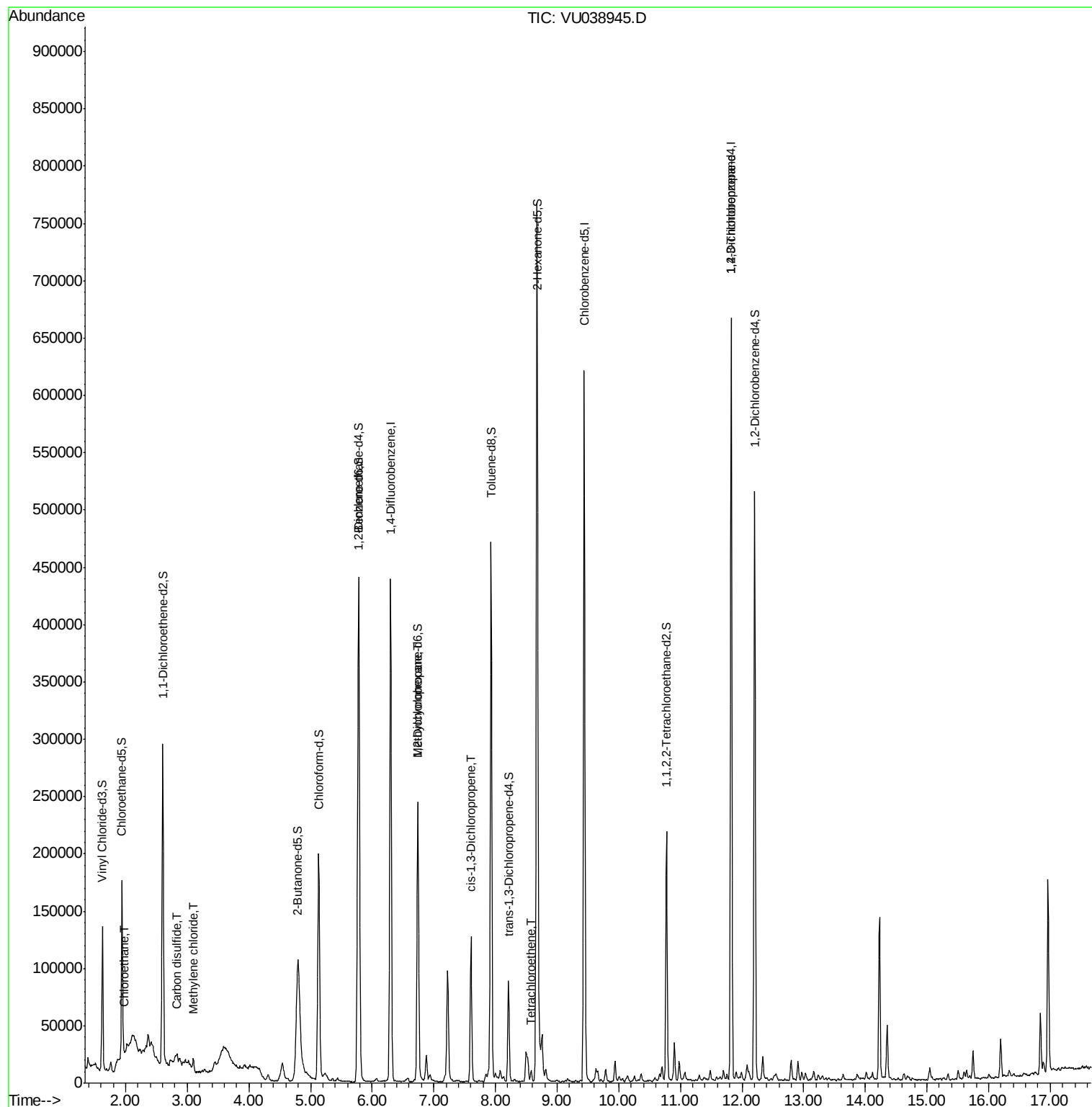
					Ovalue
8) Chloroethane	1.99	64	8295	0.415 ug/L #	51
14) Carbon disulfide	2.83	76	8230	0.103 ug/L #	83
16) Methylene chloride	3.10	84	2125	0.078 ug/L	81
35) Methylcyclohexane	6.74	83	26779	0.682 ug/L #	18
39) cis-1,3-Dichloropropene	7.61	75	3186	0.085 ug/L #	63
47) Tetrachloroethene	8.58	164	1839	0.096 ug/L	87
59) 1,2,3-Trichloropropane	11.83	75	20753	1.055 ug/L #	86

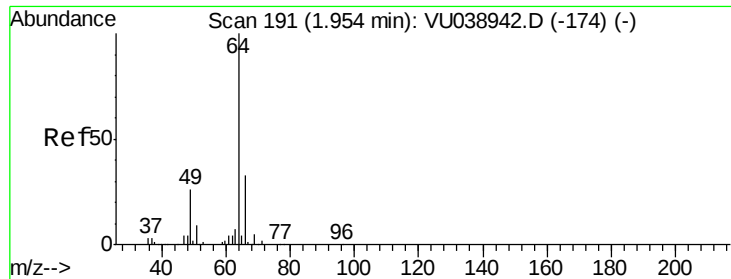
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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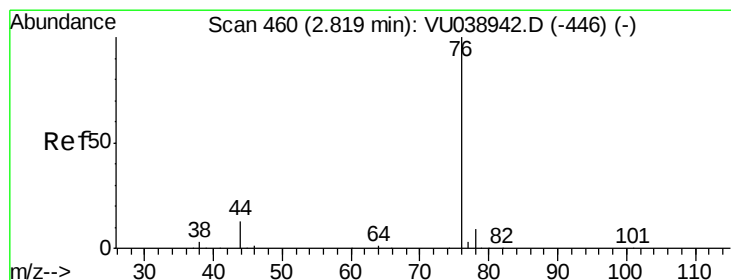
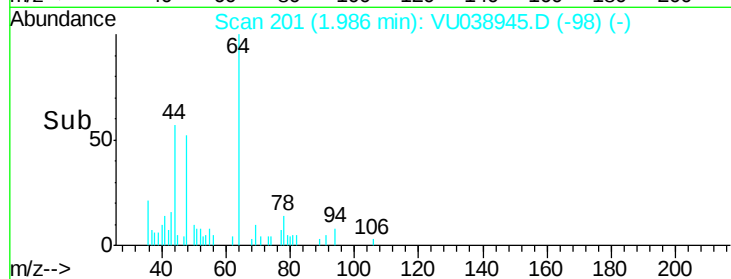
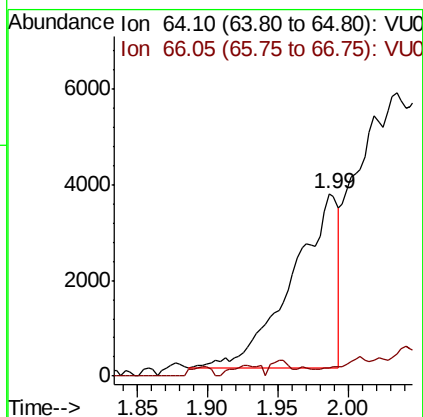
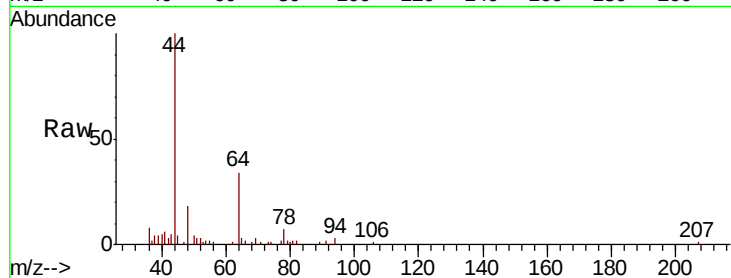




#8
Chloroethane
Concen: 0.415 ug/L
RT: 1.99 min Scan# 201
Delta R.T. 0.03 min
Lab File: VU038945.D
Acq: 17 Jun 2020 15:44

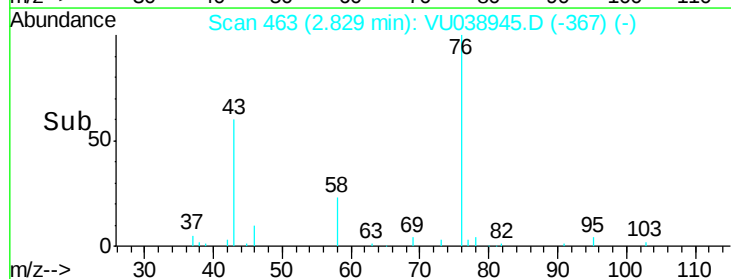
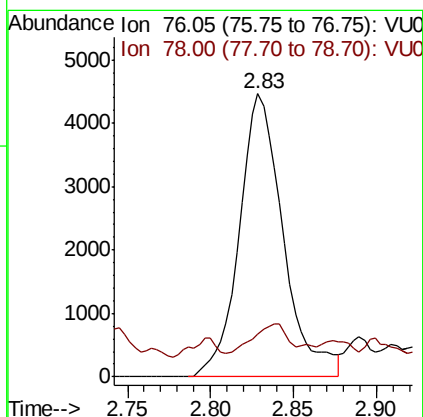
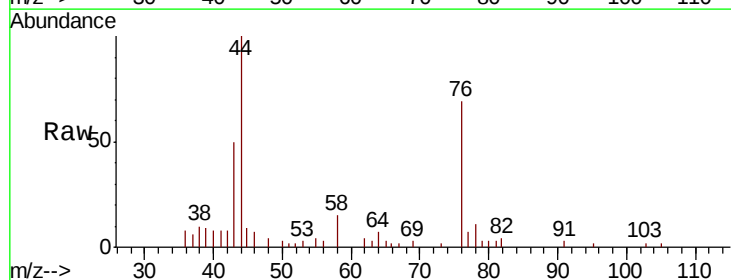
Instrument :
MSVOA_U
ClientSampleId :
F9L08

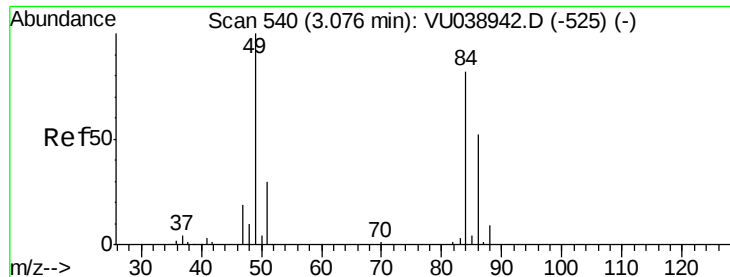
Tot Ion: 64 Resp: 8295
Ion Ratio Lower Upper
64 100
66 4.7 22.1 41.1#



#14
Carbon disulfide
Concen: 0.103 ug/L
RT: 2.83 min Scan# 463
Delta R.T. 0.01 min
Lab File: VU038945.D
Acq: 17 Jun 2020 15:44

Tgt Ion: 76 Resp: 8230
Ion Ratio Lower Upper
76 100
78 15.3 7.4 11.0#

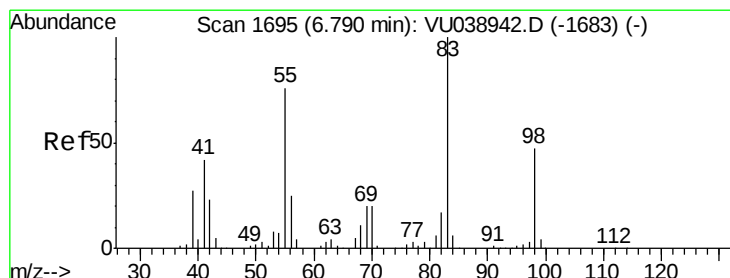
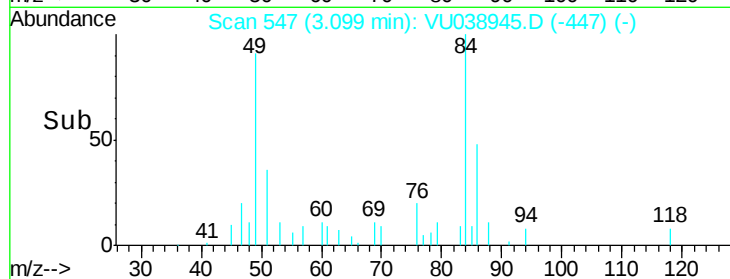
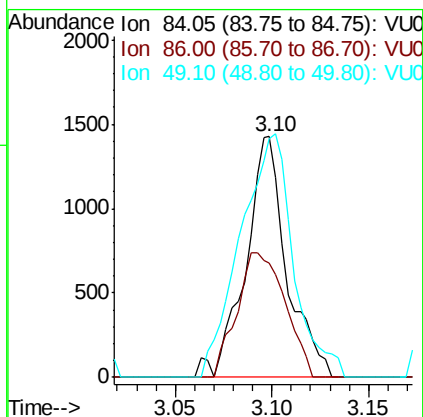
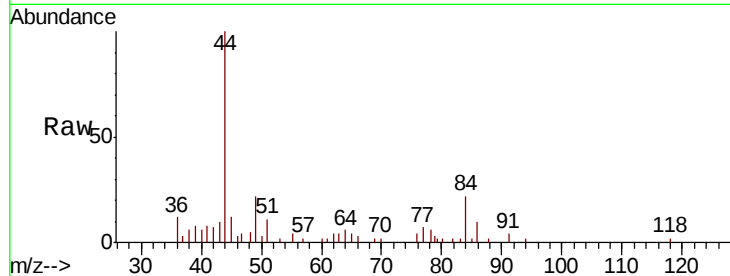




#16
Methvlene chloride
Concen: 0.078 ug/L
RT: 3.10 min Scan# 547
Delta R.T. 0.02 min
Lab File: VU038945.D
Acq: 17 Jun 2020 15:44

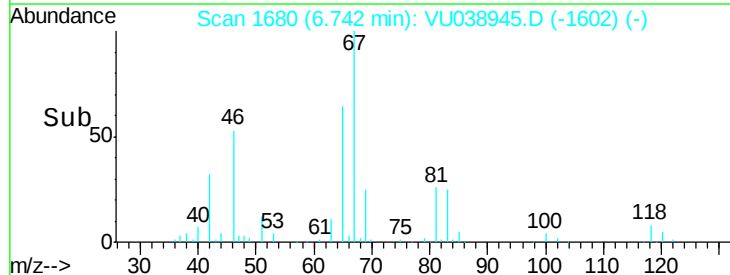
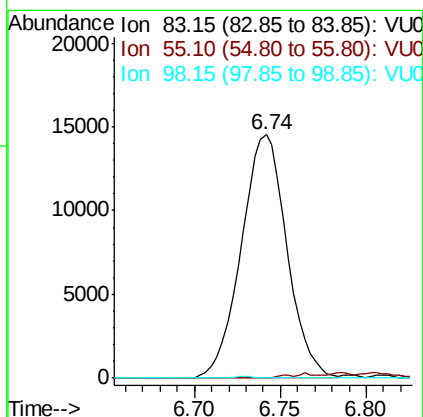
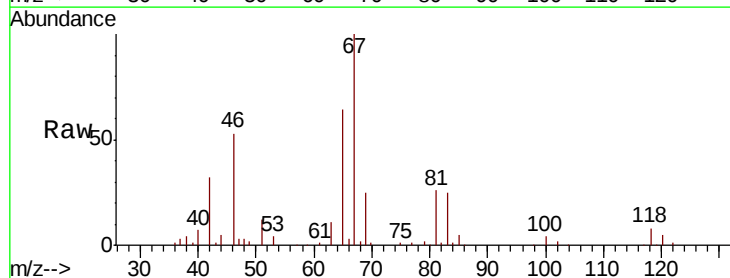
Instrument :
MSVOA_U
ClientSampleId :
F9L08

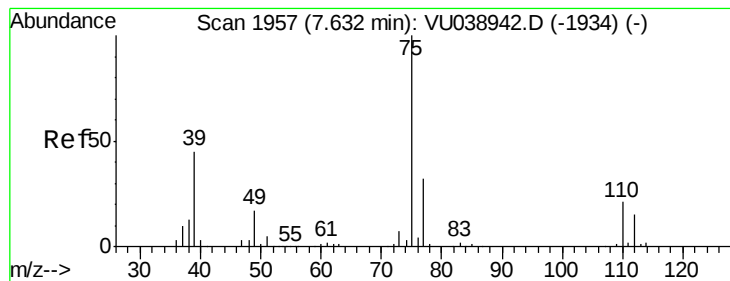
Tot Ion: 84 Resp: 2125
Ion Ratio Lower Upper
84 100
86 47.5 45.1 83.7
49 99.3 83.7 155.4



#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.74 min Scan# 1680
Delta R.T. -0.05 min
Lab File: VU038945.D
Acq: 17 Jun 2020 15:44

Tgt Ion: 83 Resp: 26779
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 0.3 39.3 58.9#



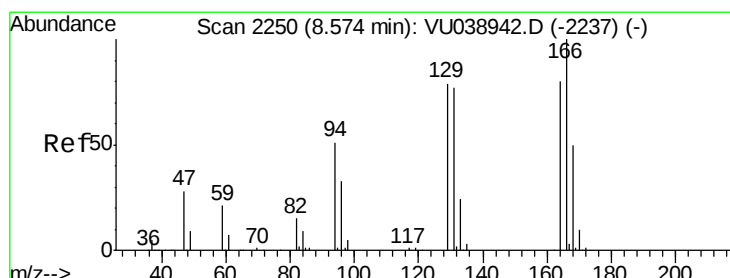
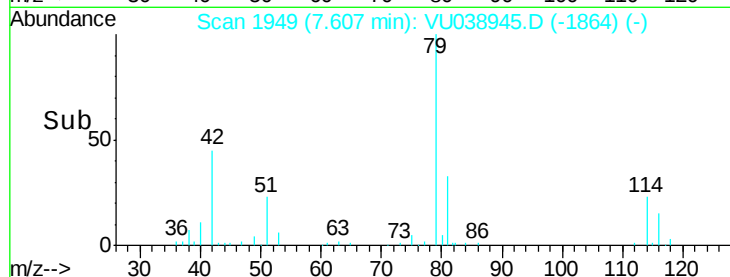
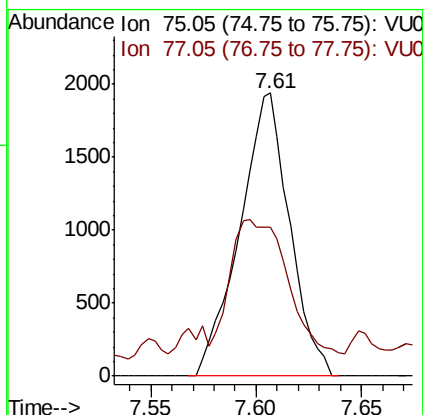
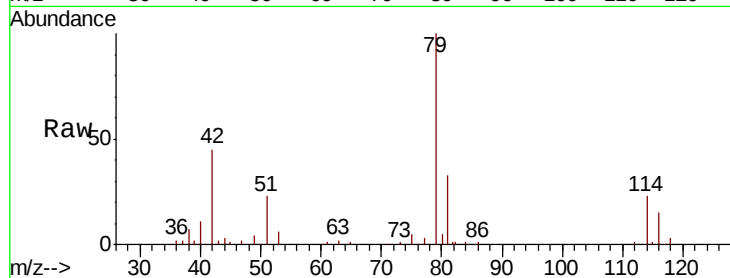


#39

cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.03 min
Lab File: VU038945.D
Acq: 17 Jun 2020 15:44

Instrument :
MSVOA_U
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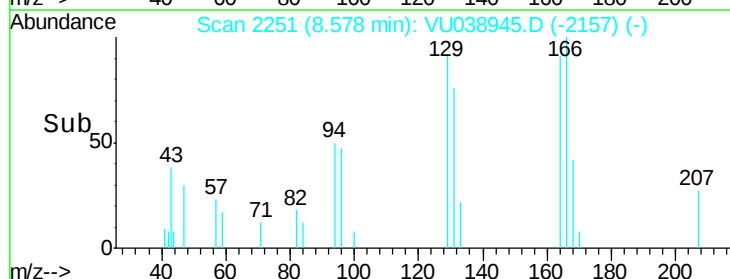
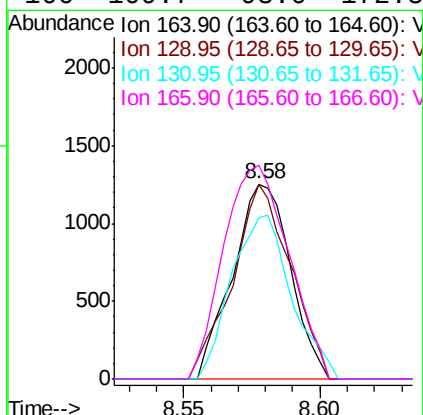
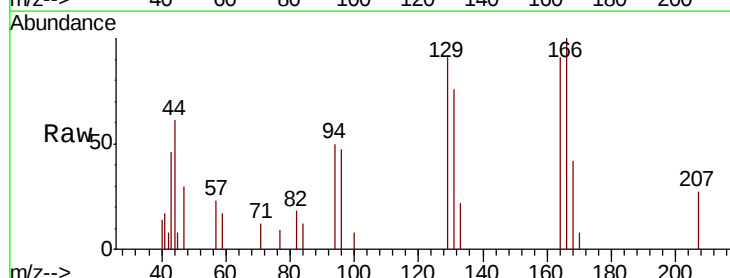
Tot Ion: 75 Resp: 3186
Ion Ratio Lower Upper
75 100
77 52.8 22.4 41.6#

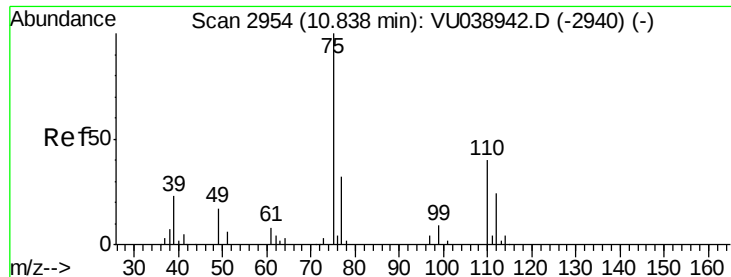


#47

Tetrachloroethene
Concen: 0.096 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU038945.D
Acq: 17 Jun 2020 15:44

Tgt Ion:164 Resp: 1839
Ion Ratio Lower Upper
164 100
129 99.7 66.1 122.8
131 82.8 65.7 122.1
166 109.7 93.0 172.8





#59

1,2,3-Trichloropropane

Concen: 1.055 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038945.D

Acq: 17 Jun 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

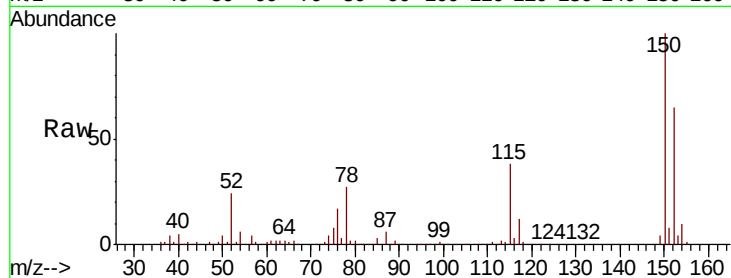
F9L08

Tot Ion: 75 Resp: 20753

Ion Ratio Lower Upper

75 100

77 39.3 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

