

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038204.D
 Acq On : 15 May 2020 17:36
 Operator : JC/MD
 Sample : L2647-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:35:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	359847	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	354133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110806	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.93	69	110901	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.59	63	144704	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.67	46	390829	48.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.26%
24) Chloroform-d	5.10	84	207315	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.74	65	124268	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.76	84	431105	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.72	67	142939	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.92	98	367946	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.20	79	49548	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.65	63	298393	46.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114483	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	138198	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

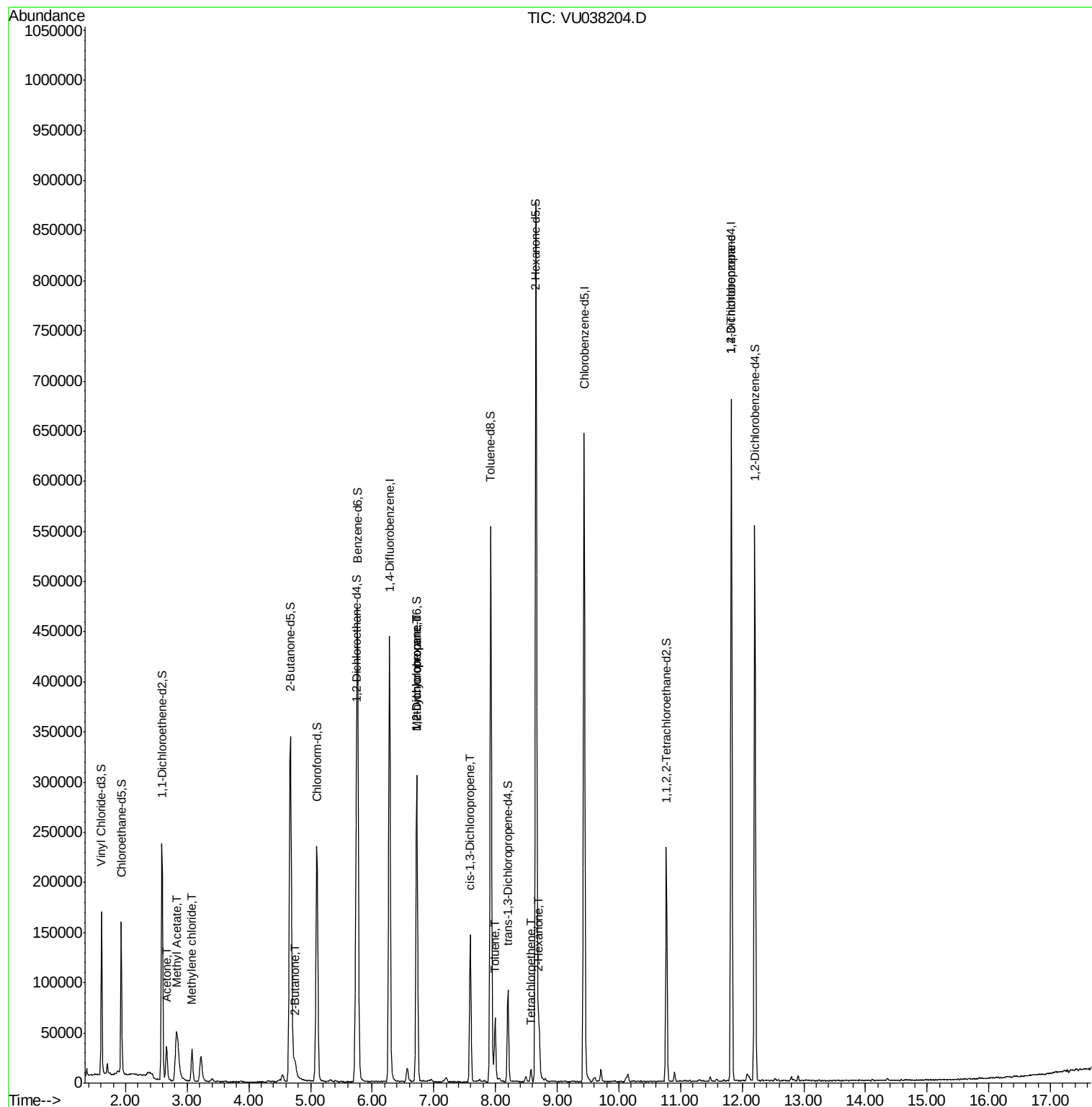
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	43336	8.505	ug/L	100
15) Methyl Acetate	2.83	43	27514	1.930	ug/L #	53
16) Methylene chloride	3.08	84	15072	0.518	ug/L	96
21) 2-Butanone	4.75	43	19253	2.141	ug/L	95
35) Methylcyclohexane	6.72	83	32469	0.707	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15446	0.501	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3190	0.072	ug/L #	57
42) Toluene	7.99	91	43931	0.367	ug/L	98
47) Tetrachloroethene	8.57	164	2051	0.103	ug/L	90
48) 2-Hexanone	8.71	43	29085	1.860	ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	21933	1.061	ug/L	90

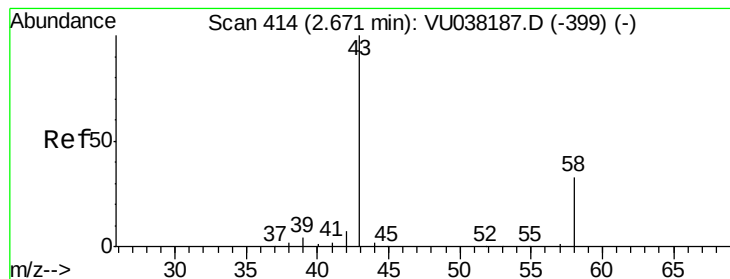
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.505 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU038204.D

Acq: 15 May 2020 17:36

Instrument :

MSVOA_U

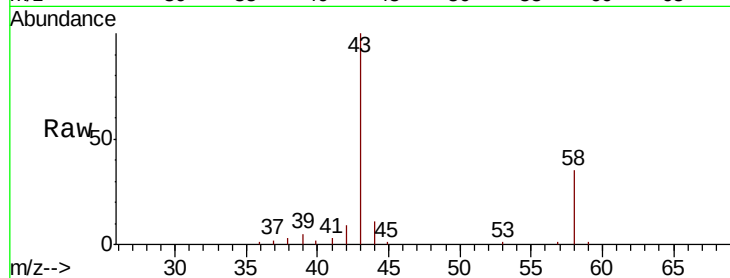
ClientSampleId :

Tot Ion: 43 Resp: 43336

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038204.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VU038204.D (-412) (-)

2.66

20000

15000

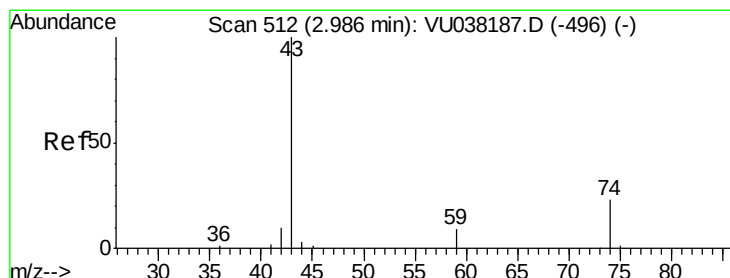
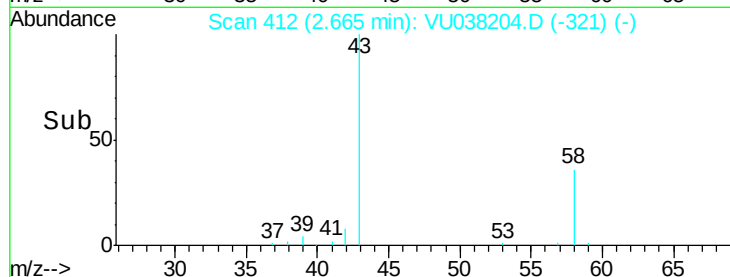
10000

5000

0

Time-->

2.60 2.70 2.80



#15

Methyl Acetate

Concen: 1.930 ug/L

RT: 2.83 min Scan# 462

Delta R.T. -0.16 min

Lab File: VU038204.D

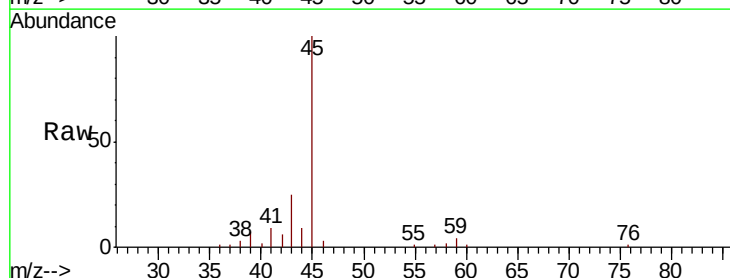
Acq: 15 May 2020 17:36

Tgt Ion: 43 Resp: 27514

Ion Ratio Lower Upper

43 100

74 0.1 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038204.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU038204.D (-419) (-)

2.83

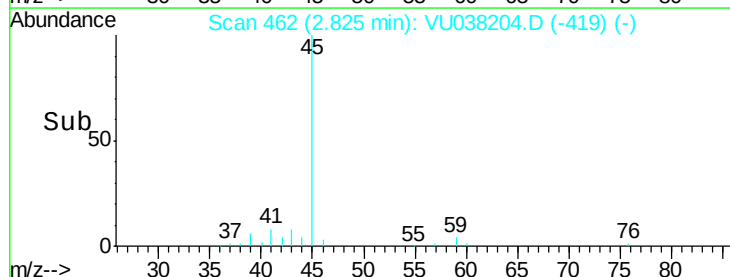
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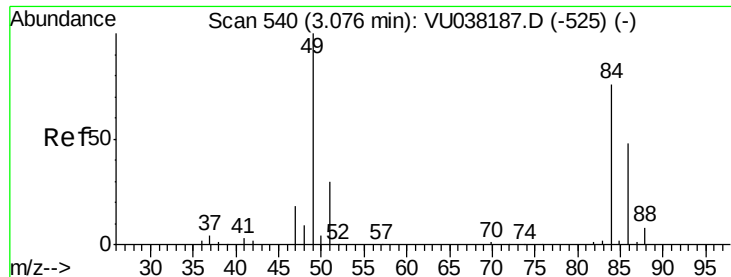
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Time-->

2.70 2.80 2.90

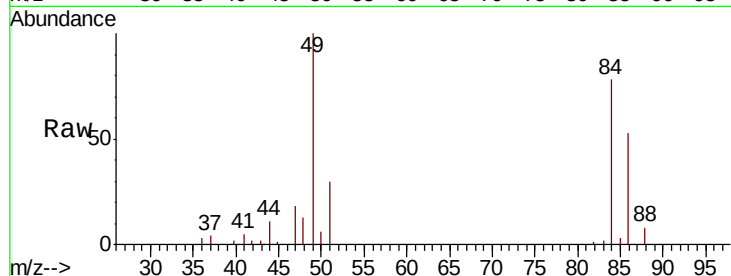




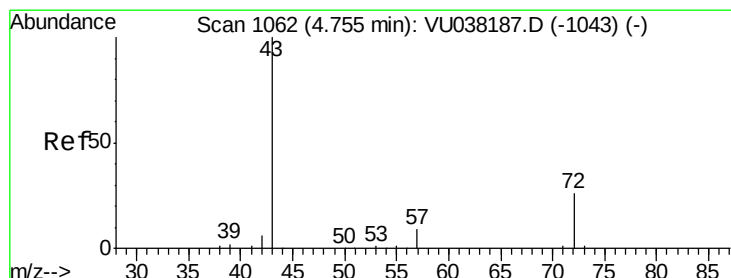
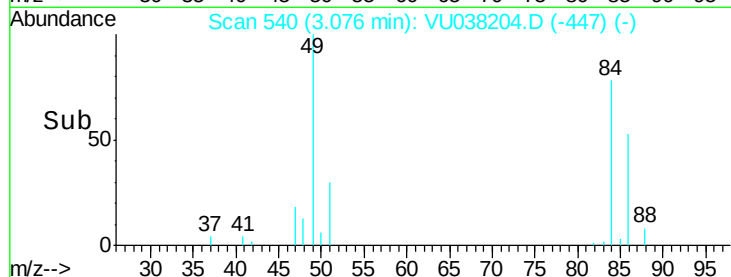
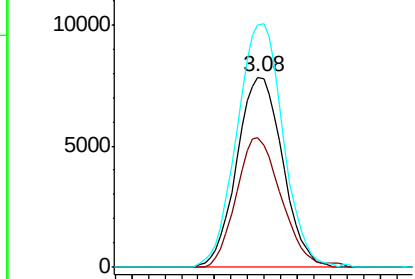
#16
Methvlene chloride
Concen: 0.518 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038204.D
Acq: 15 May 2020 17:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 15072
Ion Ratio Lower Upper
84 100
86 68.0 44.9 83.3
49 127.6 92.0 170.9

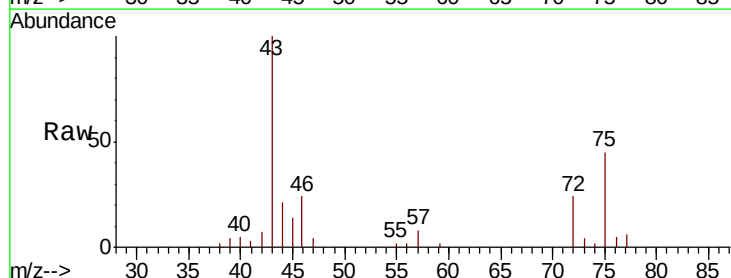


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

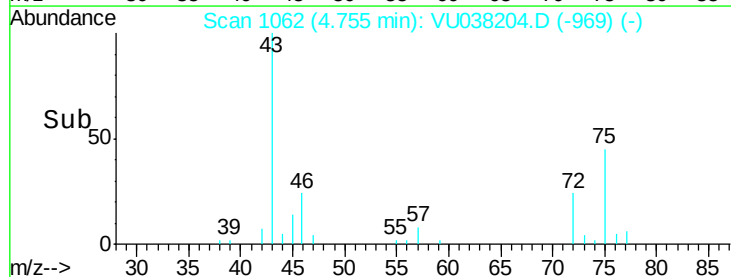
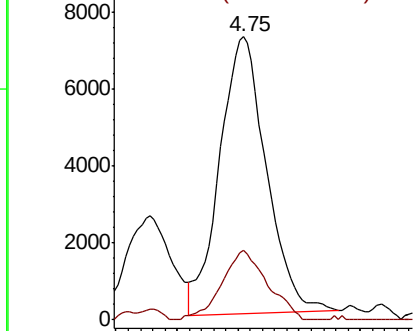


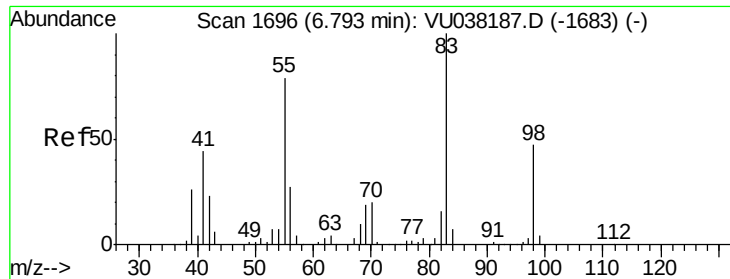
#21
2-Butanone
Concen: 2.141 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VU038204.D
Acq: 15 May 2020 17:36

Tgt Ion: 43 Resp: 19253
Ion Ratio Lower Upper
43 100
72 24.4 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

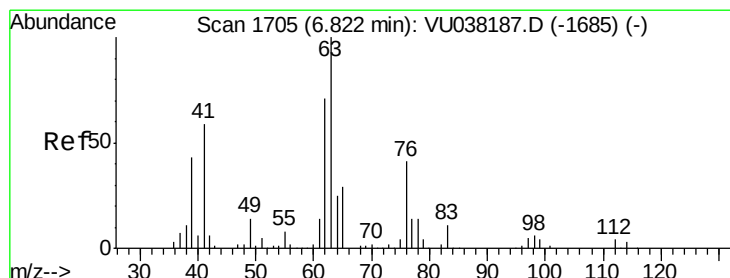
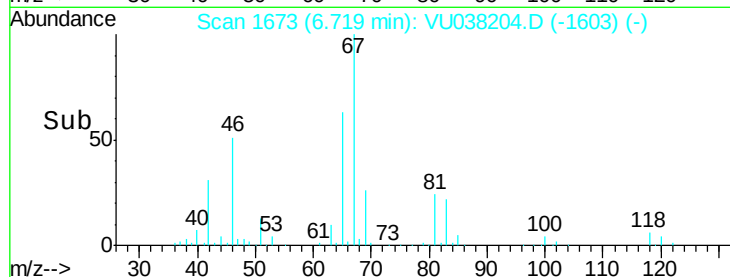
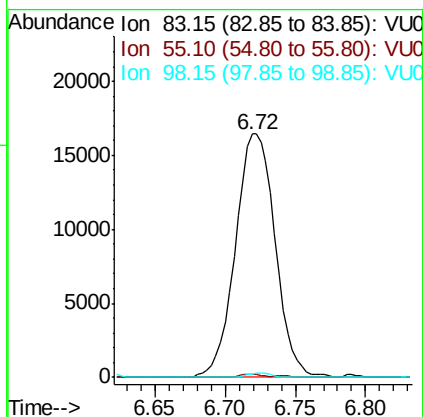
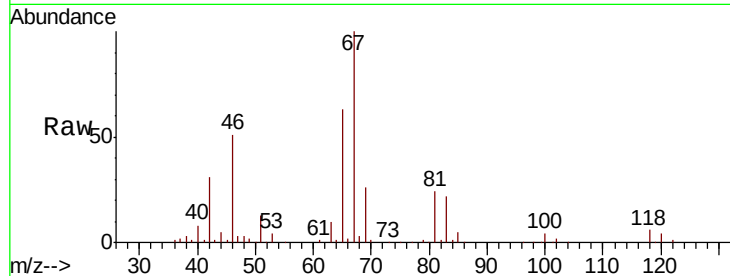




#35
Methylvlcyclohexane
Concen: 0.707 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038204.D
Acq: 15 May 2020 17:36

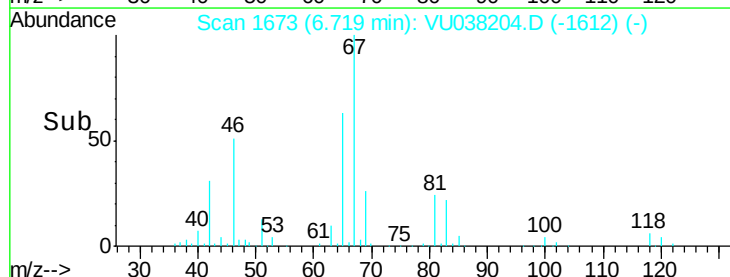
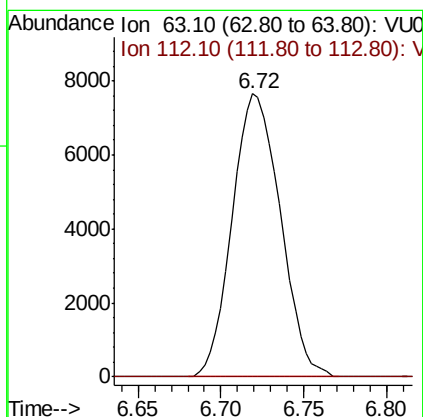
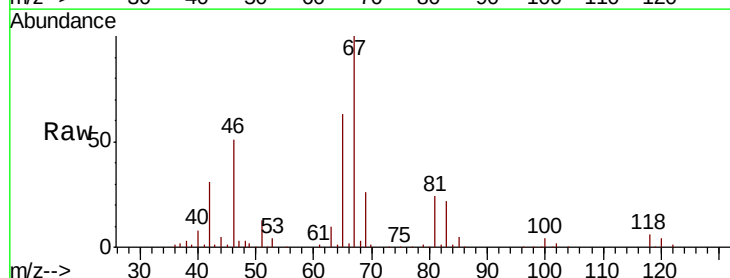
Instrument :
MSVOA_U
ClientSampleId :

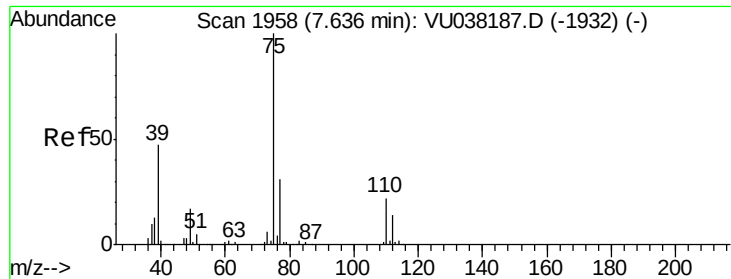
Tot Ion: 83 Resp: 32469
Ion Ratio Lower Upper
83 100
55 0.7 66.7 100.1#
98 1.0 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038204.D
Acq: 15 May 2020 17:36

Tgt Ion: 63 Resp: 15446
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

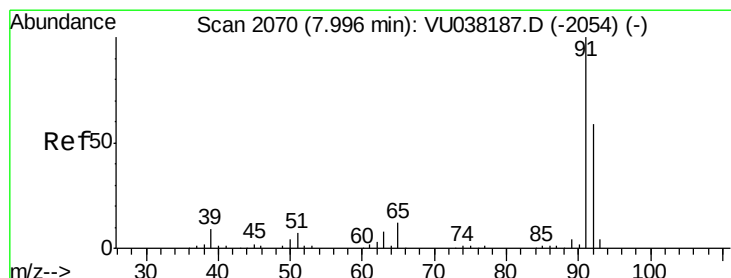
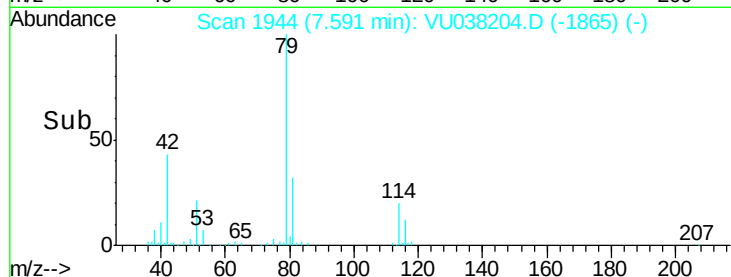
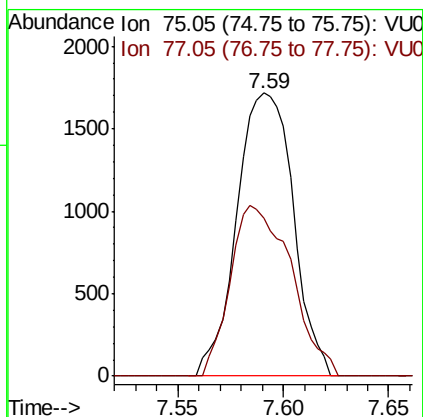
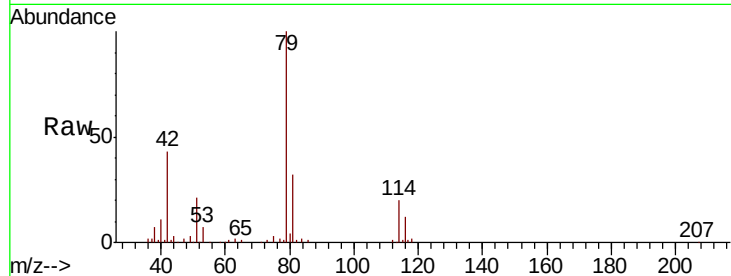




#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038204.D
 Acq: 15 May 2020 17:36

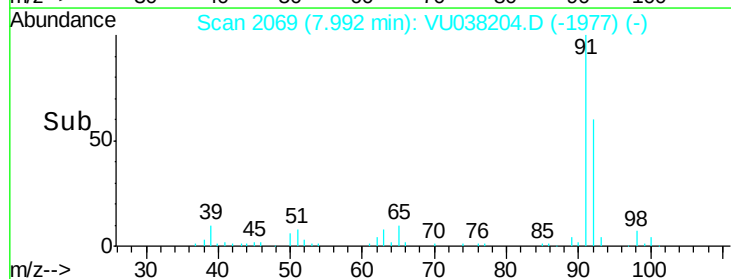
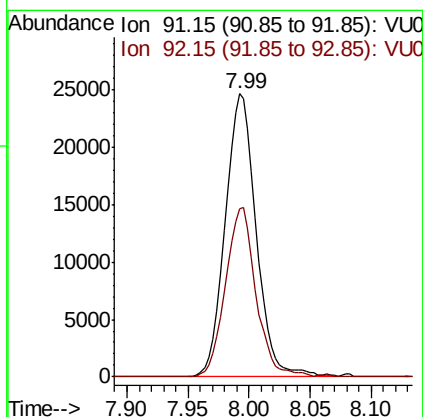
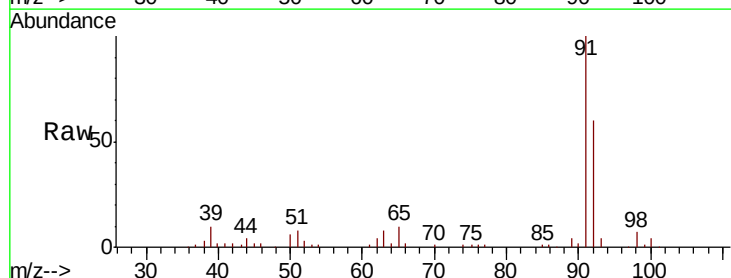
Instrument :
 MSVOA_U
 ClientSampleId :

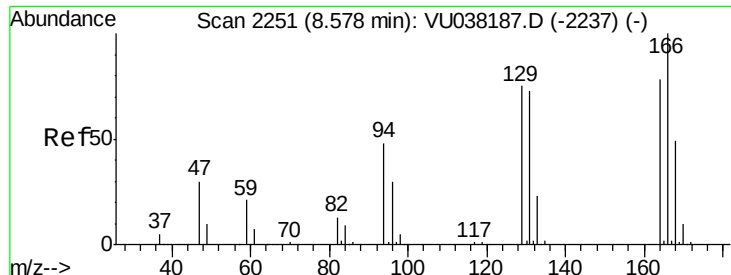
Tot Ion: 75 Resp: 3190
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.4 41.6#



#42
 Toluene
 Concen: 0.367 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038204.D
 Acq: 15 May 2020 17:36

Tgt Ion: 91 Resp: 43931
 Ion Ratio Lower Upper
 91 100
 92 59.6 40.9 75.9

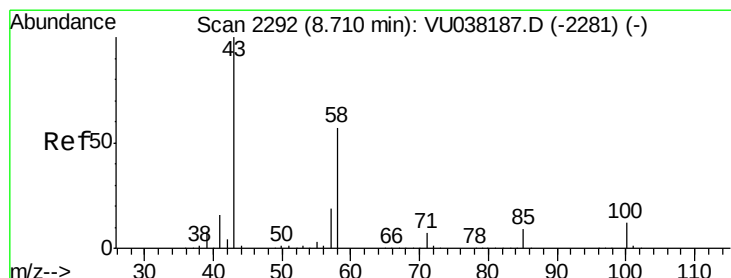
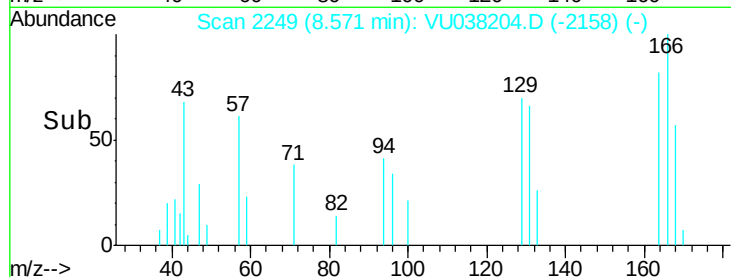
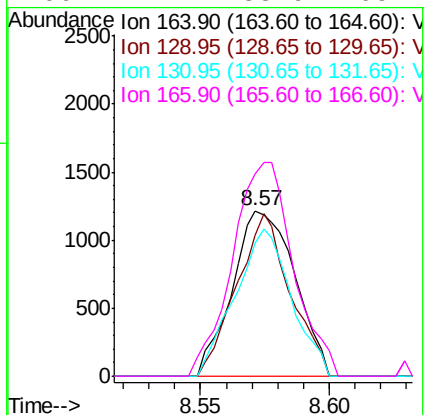
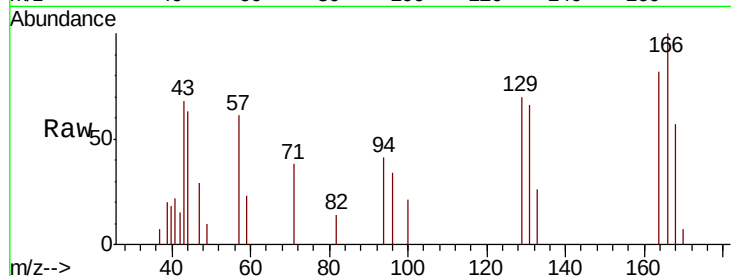




#47
Tetrachloroethene
Concen: 0.103 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.01 min
Lab File: VU038204.D
Acq: 15 May 2020 17:36

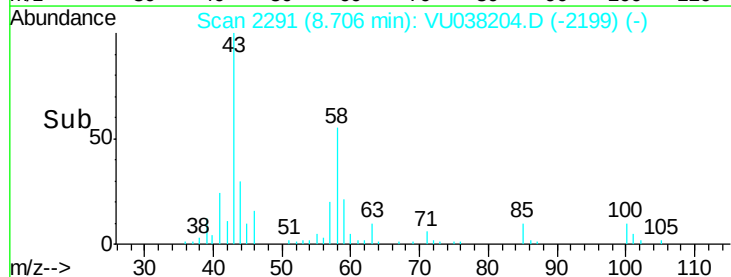
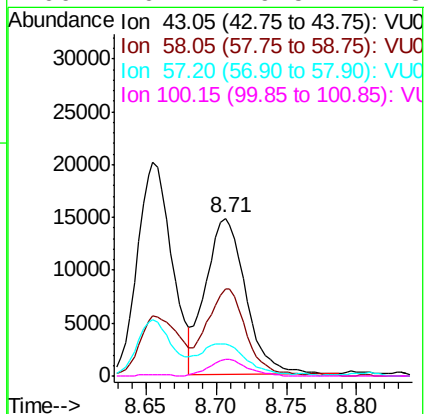
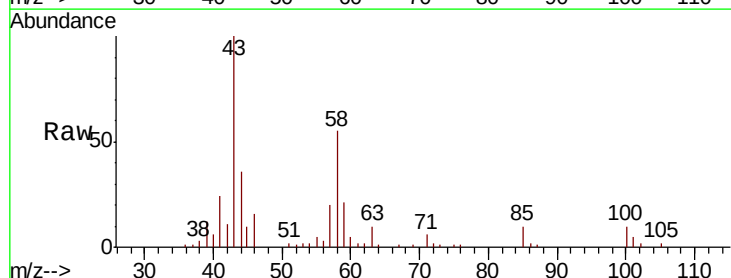
Instrument :
MSVOA_U
ClientSampleId :

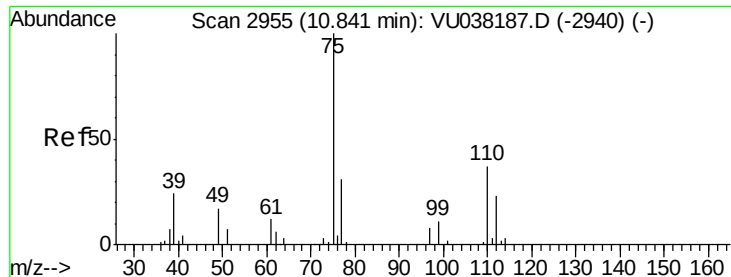
Tot Ion:164 Resp: 2051
Ion Ratio Lower Upper
164 100
129 85.5 68.8 127.8
131 80.7 66.8 124.2
166 122.1 88.9 165.1



#48
2-Hexanone
Concen: 1.860 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038204.D
Acq: 15 May 2020 17:36

Tgt Ion: 43 Resp: 29085
Ion Ratio Lower Upper
43 100
58 54.0 45.2 67.8
57 21.3 15.5 23.3
100 10.1 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 1.061 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038204.D

Acq: 15 May 2020 17:36

Instrument :

MSVOA_U

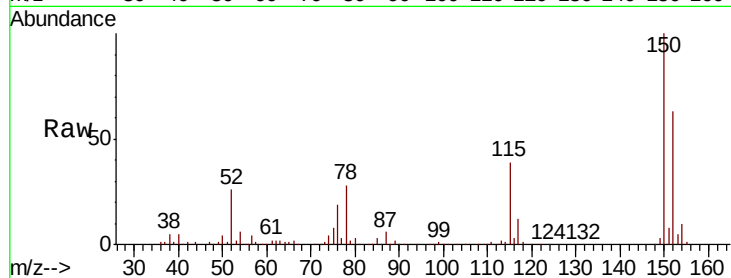
ClientSampleId :

Tot Ion: 75 Resp: 21933

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

15000

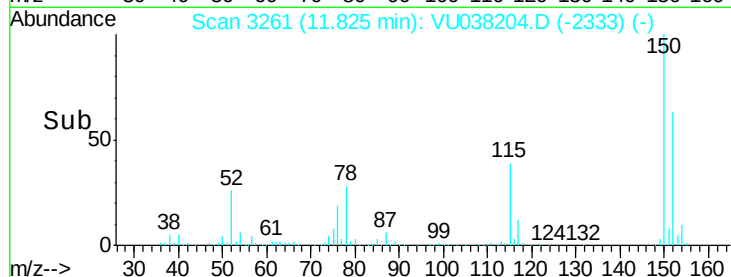
10000

5000

0

11.83

11.75 11.80 11.85



Time-->