

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041556.D
 Acq On : 10 Dec 2020 23:56
 Operator : SY/MD
 Sample : L5023-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY6

Quant Time: Dec 11 07:35:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	43966	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	42383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8991	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.92	69	8802	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	18919	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.66	46	30448	35.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.92%
24) Chloroform-d	5.08	84	29457	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	18564	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.74	84	45248	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	11228	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.91	98	42982	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.19	79	6766	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	22169	32.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	9401	3.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.80%#
64) 1,2-Dichlorobenzene-d4	12.19	152	16598	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

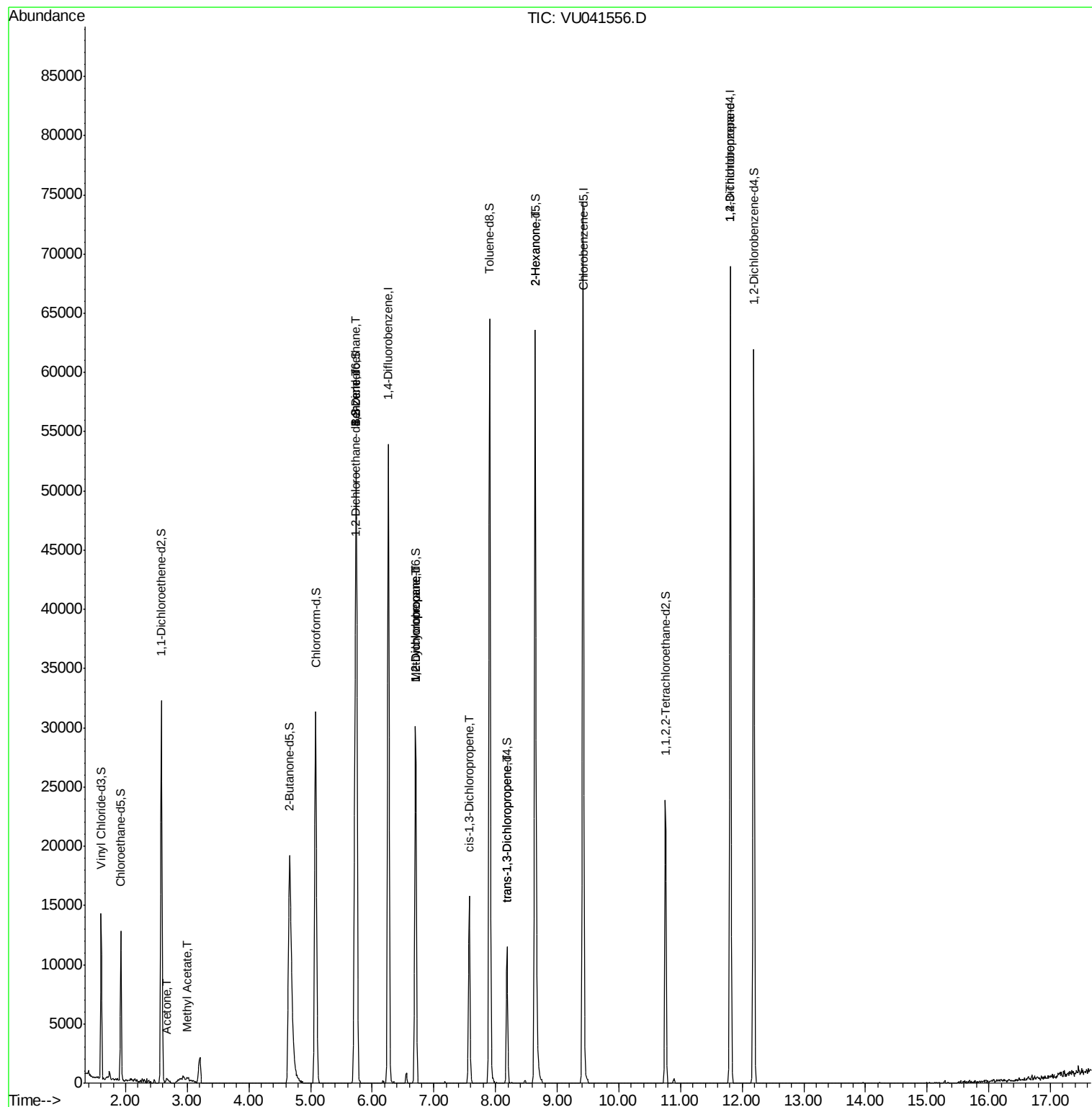
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	596	0.904	ug/L	57
15) Methyl Acetate	3.00	43	215	0.178	ug/L #	51
27) 1,2-Dichloroethane	5.74	62	262	0.055	ug/L #	79
33) Benzene	5.75	78	382	0.036	ug/L	100
35) Methylcyclohexane	6.70	83	3700	0.857	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1709	0.695	ug/L #	84
39) cis-1,3-Dichloropropene	7.56	75	505	0.114	ug/L #	40
44) trans-1,3-Dichloropropene	8.18	75	320	0.072	ug/L #	61
48) 2-Hexanone	8.64	43	3188	2.014	ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	1547	0.649	ug/L #	71

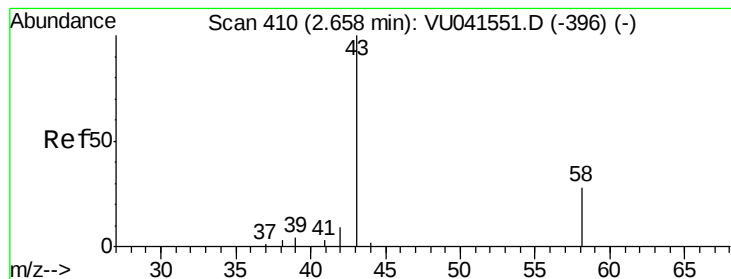
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.904 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU041556.D

Acq: 10 Dec 2020 23:56

Instrument :

MSVOA_U

ClientSampled :

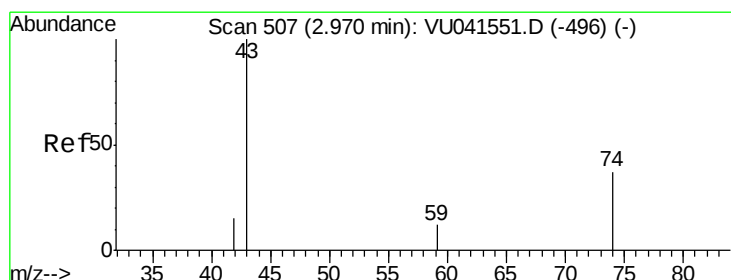
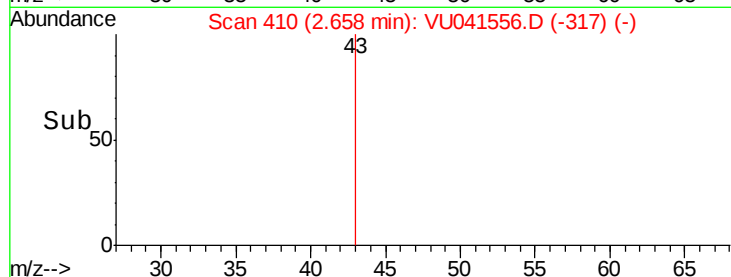
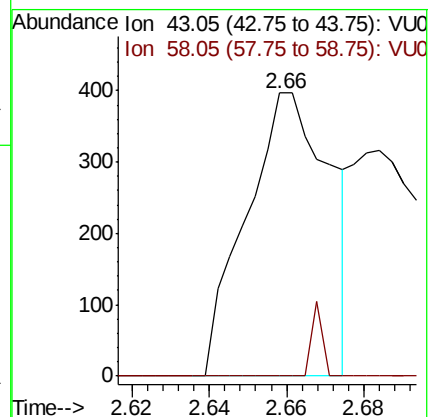
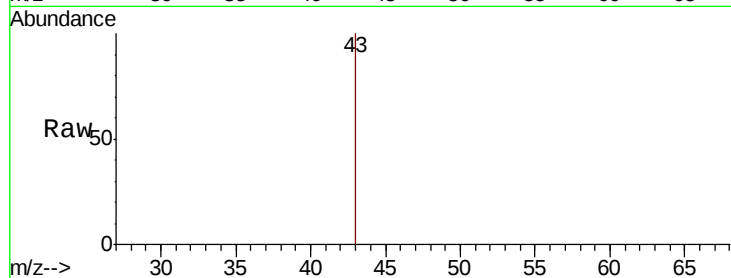
C0AY6

Tot Ion: 43 Resp: 596

Ion Ratio Lower Upper

43 100

58 3.4 0.0 50.0



#15

Methyl Acetate

Concen: 0.178 ug/L

RT: 3.00 min Scan# 516

Delta R.T. 0.03 min

Lab File: VU041556.D

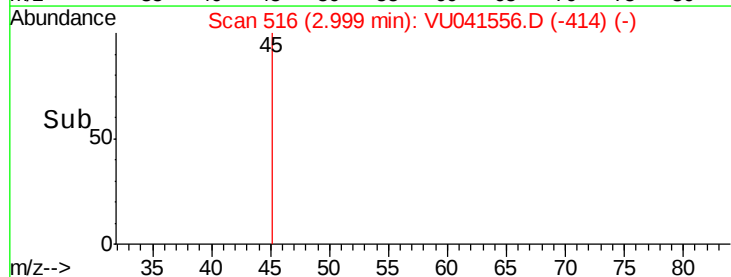
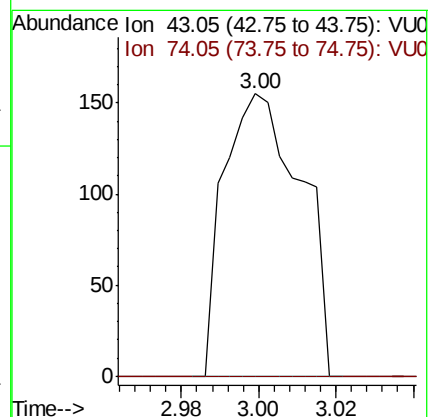
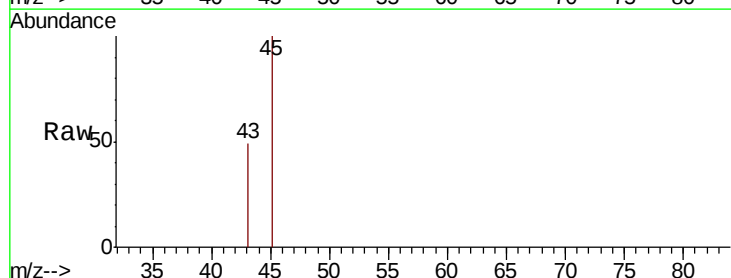
Acq: 10 Dec 2020 23:56

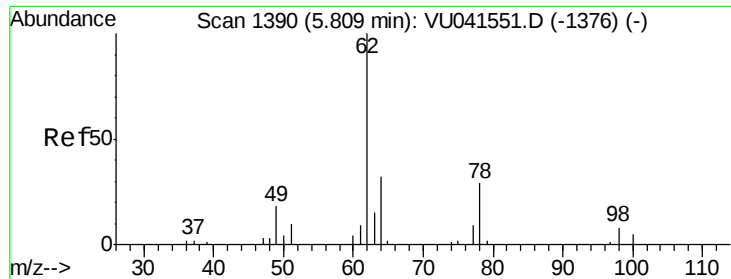
Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

74 0.0 19.7 29.5#

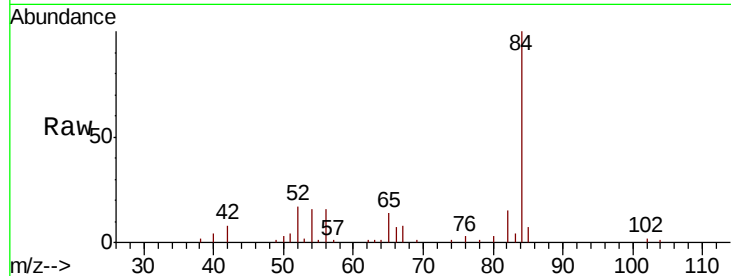




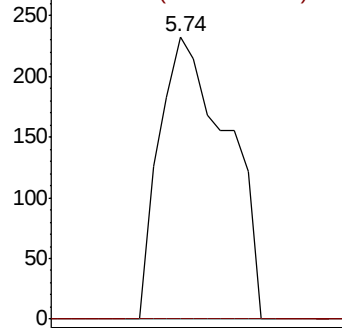
#27
1,2-Dichloroethane
Concen: 0.055 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041556.D
Acq: 10 Dec 2020 23:56

Instrument :
MSVOA_U
ClientSampled :
C0AY6

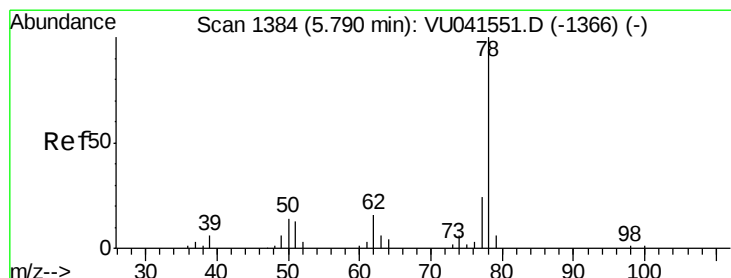
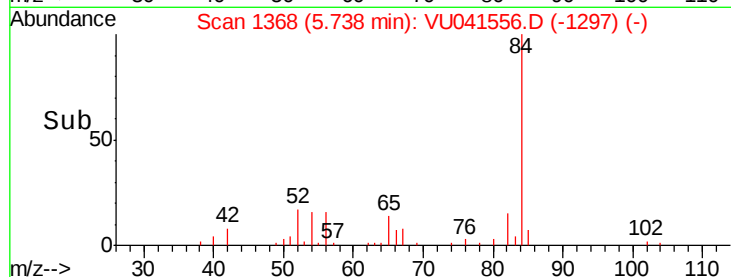
Tot Ion: 62 Resp: 262
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

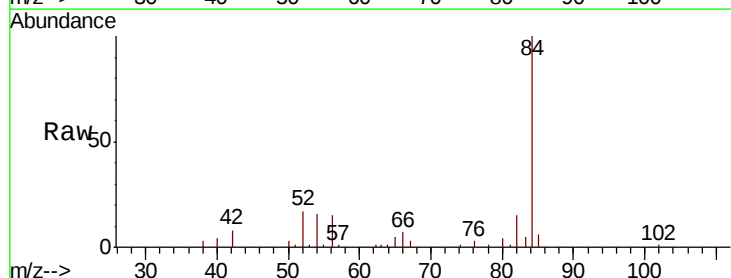


Time-->

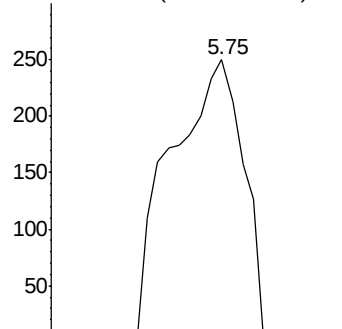


#33
Benzene
Concen: 0.036 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU041556.D
Acq: 10 Dec 2020 23:56

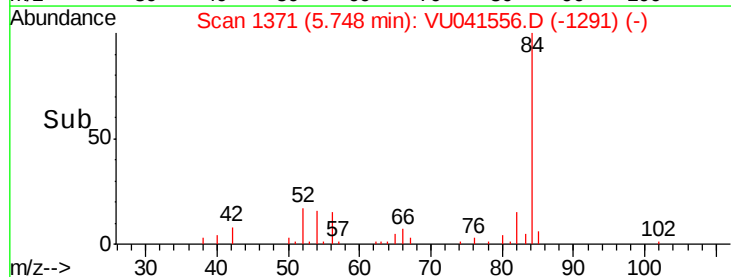
Tgt Ion: 78 Resp: 382

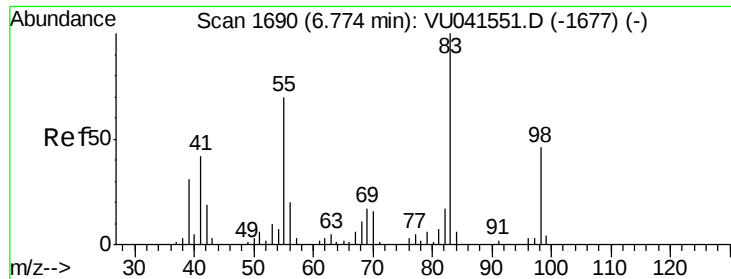


Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->

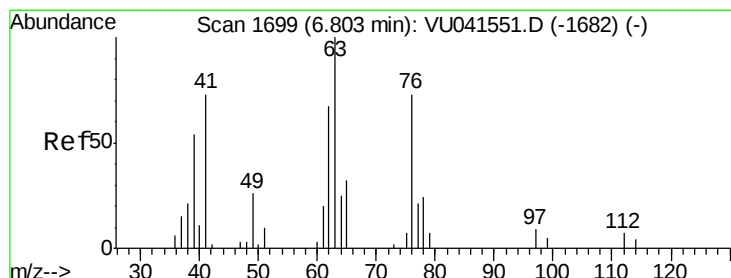
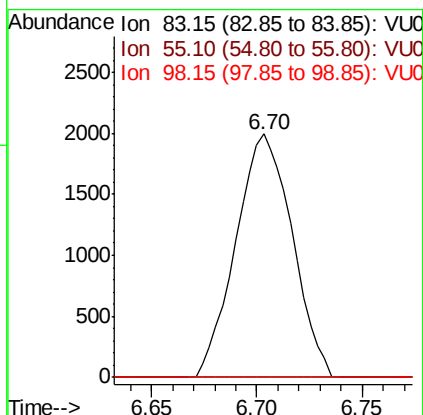
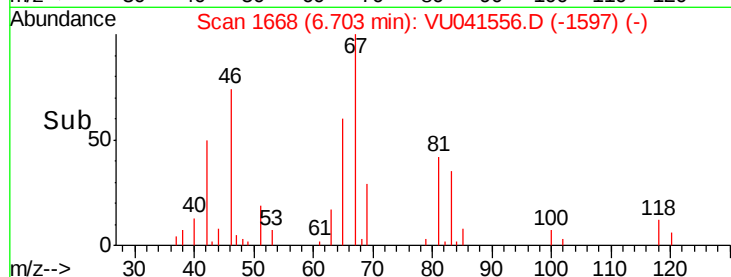
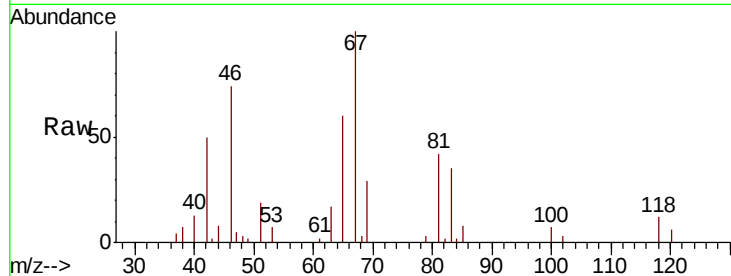




#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041556.D
Acq: 10 Dec 2020 23:56

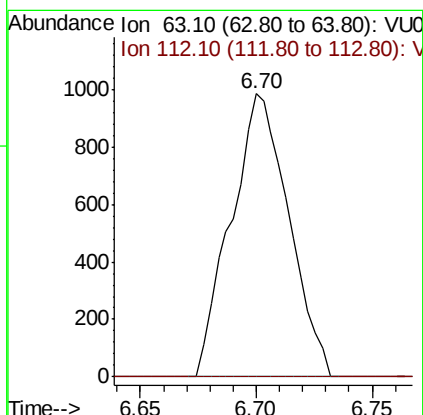
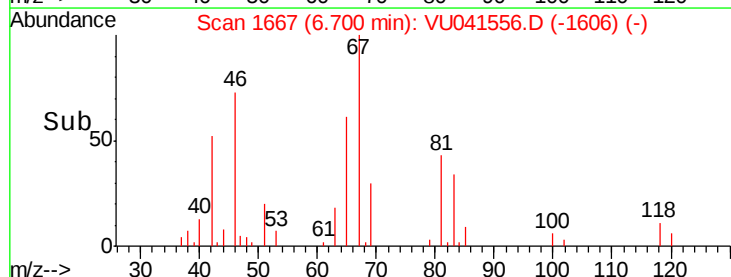
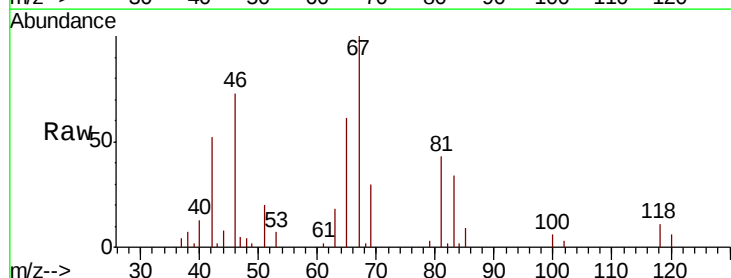
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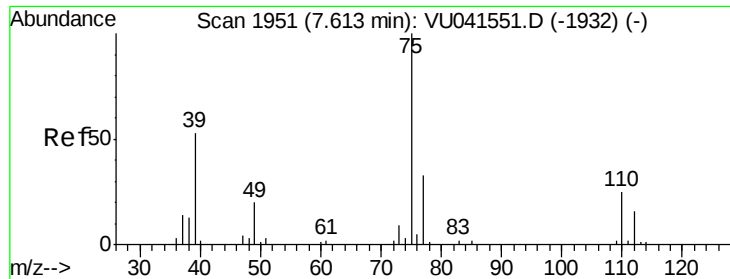
Tot Ion: 83 Resp: 3700
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041556.D
Acq: 10 Dec 2020 23:56

Tgt Ion: 63 Resp: 1709
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#

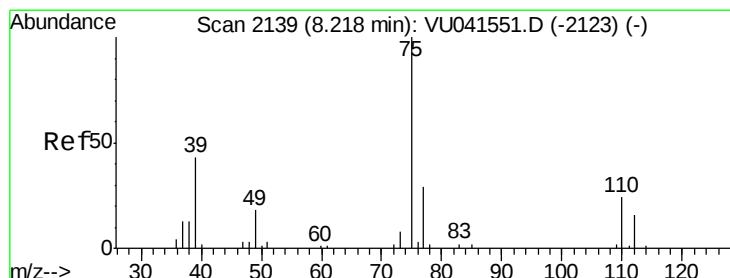
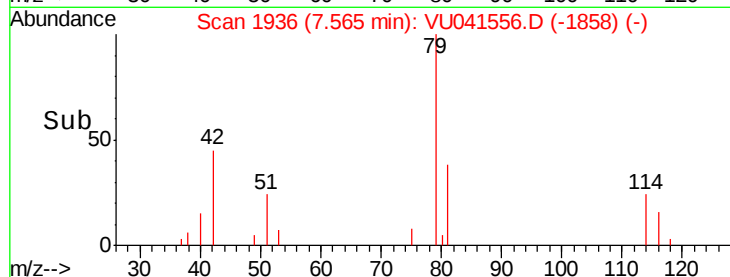
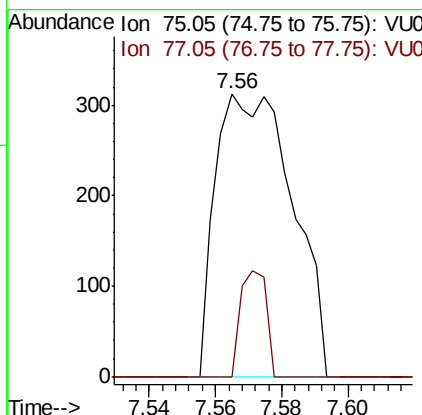
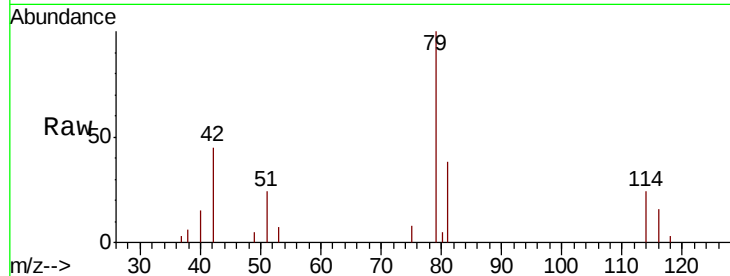




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.56 min Scan# 1936
 Delta R.T. -0.05 min
 Lab File: VU041556.D
 Acq: 10 Dec 2020 23:56

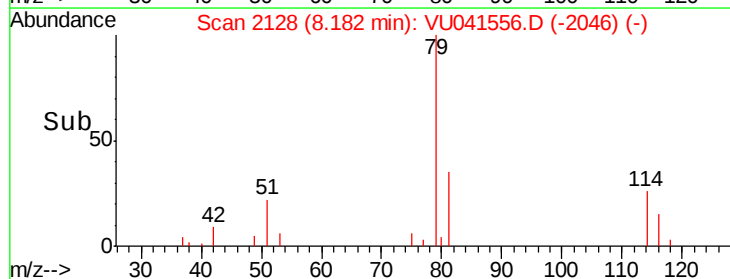
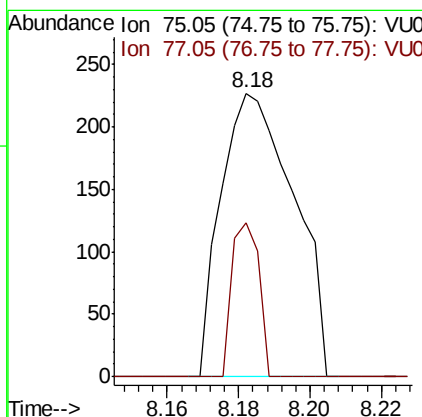
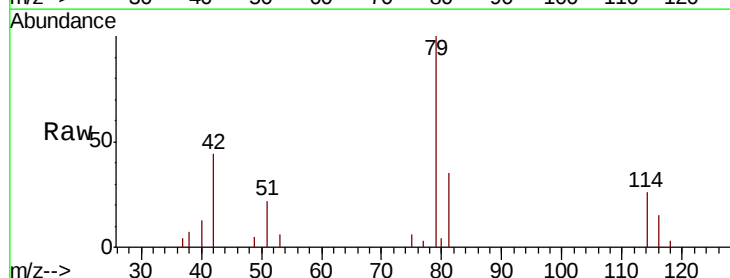
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY6

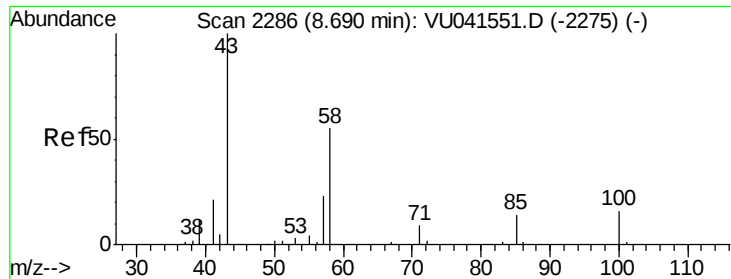
Tot Ion: 75 Resp: 505
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.0 44.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: VU041556.D
 Acq: 10 Dec 2020 23:56

Tgt Ion: 75 Resp: 320
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.7 42.3#

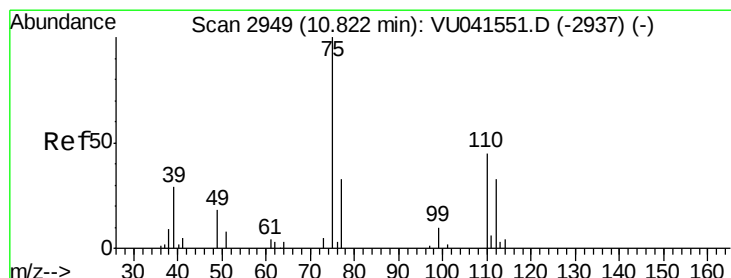
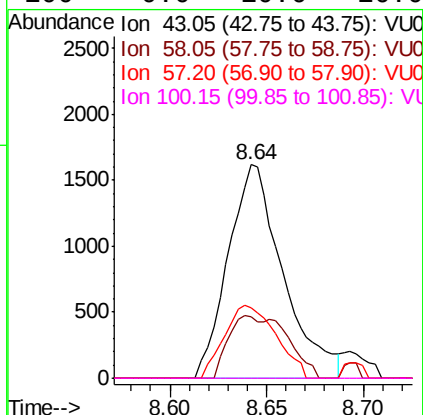
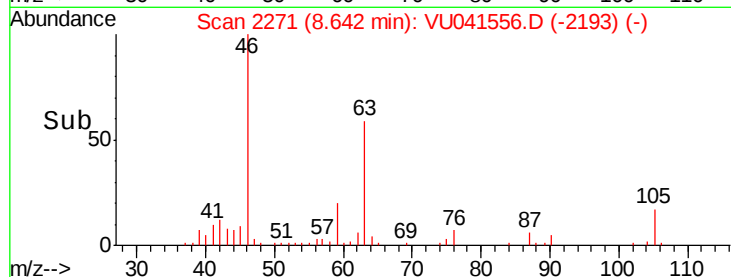
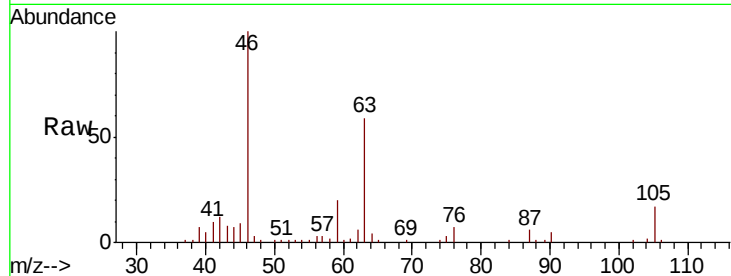




#48
2-Hexanone
Concen: 2.014 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041556.D
Acq: 10 Dec 2020 23:56

Instrument :
MSVOA_U
ClientSampleId :
C0AY6

Tot Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
58 18.2 41.4 62.0#
57 32.2 17.1 25.7#
100 0.0 10.6 16.0#



#59
1,2,3-Trichloropropane
Concen: 0.649 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041556.D
Acq: 10 Dec 2020 23:56

Tgt Ion: 75 Resp: 1547
Ion Ratio Lower Upper
75 100
77 49.5 26.3 39.5#

