

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040582.D
 Acq On : 09 Oct 2020 14:35
 Operator : SY/MD
 Sample : L4349-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR9

Quant Time: Oct 10 04:21:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	147244	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	149436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49138	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	40734	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	74476	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	181962	46.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	5.08	84	93517	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.72	65	56062	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.75	84	174227	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.70	67	59605	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	142803	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.19	79	24044	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	129809	44.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49439	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	58662	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

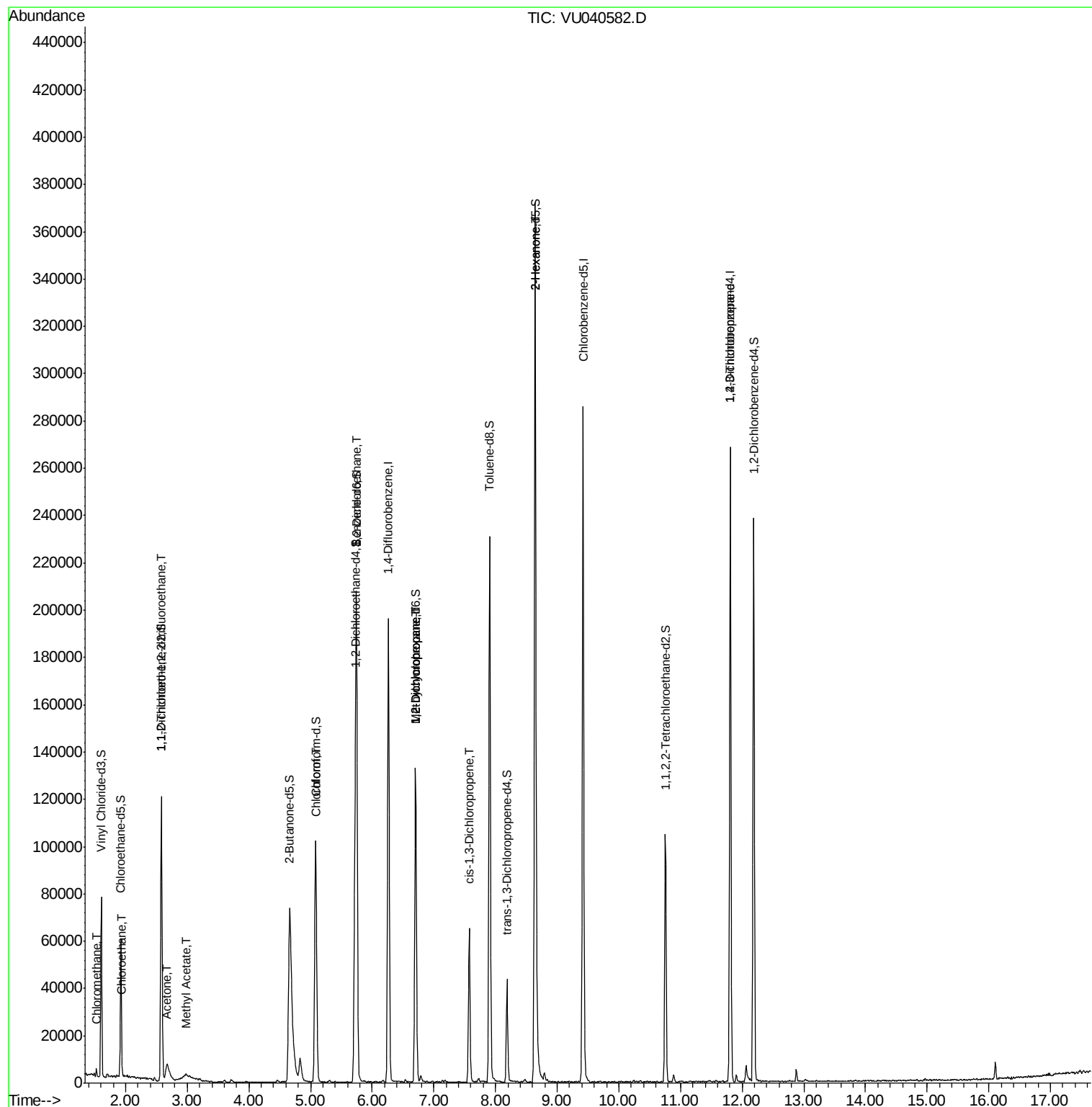
					Ovalue
3) Chloromethane	1.53	50	2102	0.168	ug/L 98
8) Chloroethane	1.95	64	299	0.036	ug/L # 41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	753	0.061	ug/L # 20
13) Acetone	2.68	43	21113	6.976	ug/L 69
15) Methyl Acetate	2.98	43	806	0.117	ug/L # 67
25) Chloroform	5.10	83	1203	0.052	ug/L # 67
27) 1,2-Dichloroethane	5.74	62	1092	0.066	ug/L # 77
35) Methylcyclohexane	6.70	83	13686	0.776	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	6716	0.502	ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1724	0.094	ug/L # 50
48) 2-Hexanone	8.64	43	16318	2.055	ug/L # 71
59) 1,2,3-Trichloropropane	11.81	75	8967	0.913	ug/L 90

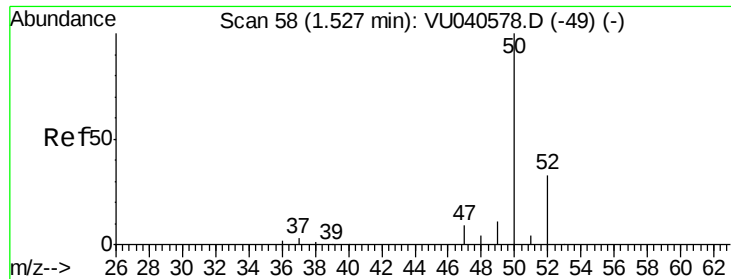
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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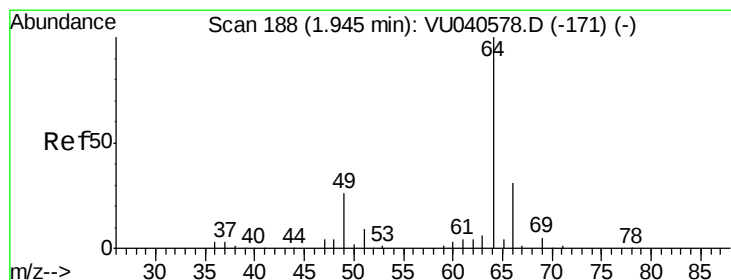
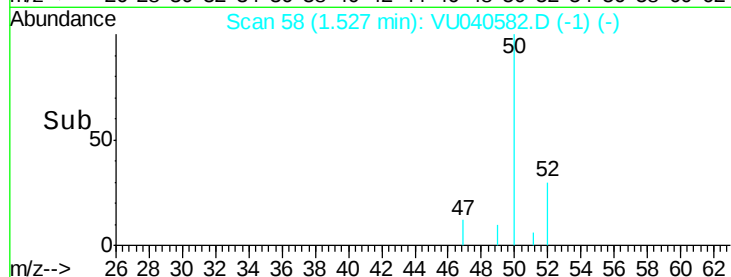
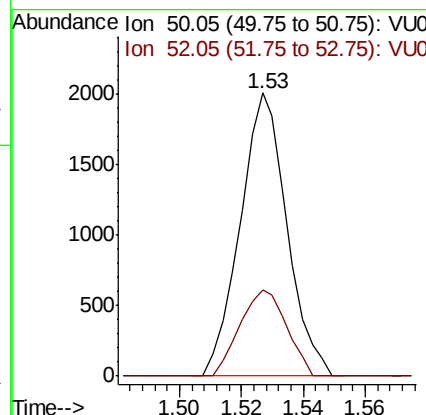
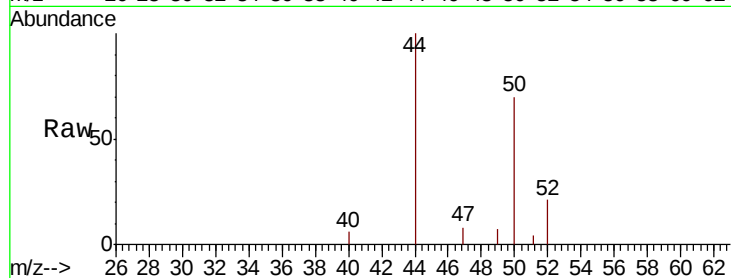




#3
 Chloromethane
 Concen: 0.168 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040582.D
 Acq: 09 Oct 2020 14:35

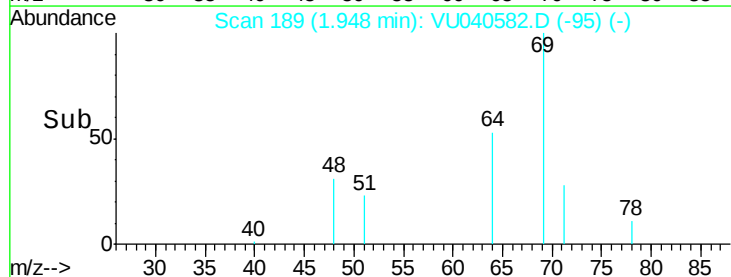
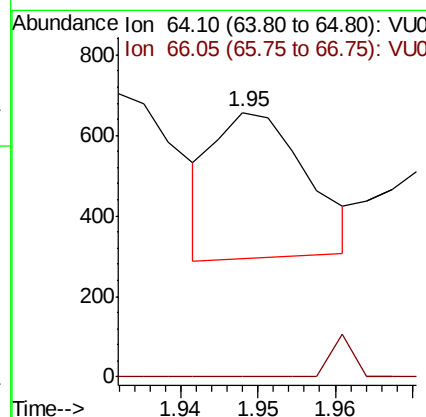
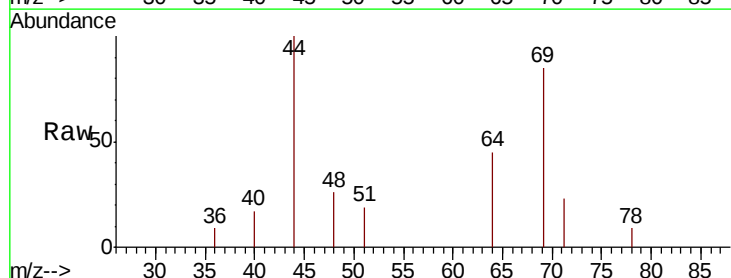
Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR9

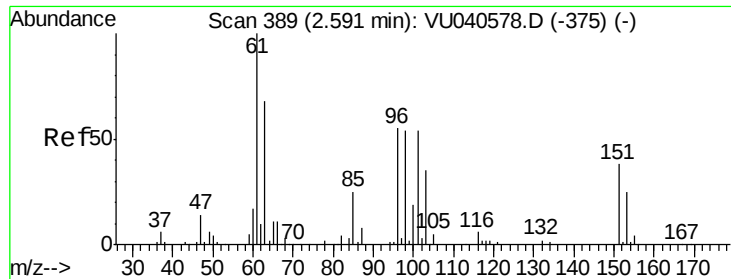
Tot Ion: 50 Resp: 2102
 Ion Ratio Lower Upper
 50 100
 52 30.3 21.9 40.7



#8
 Chloroethane
 Concen: 0.036 ug/L
 RT: 1.95 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: VU040582.D
 Acq: 09 Oct 2020 14:35

Tgt Ion: 64 Resp: 299
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.3 43.3#





#10

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

Concen: 0.061 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040582.D

Acq: 09 Oct 2020 14:35

Instrument :

MSVOA_U

ClientSampleId :

BFZR9

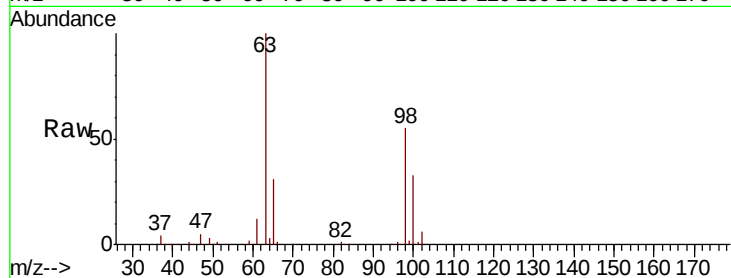
Tot Ion:101 Resp: 753

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

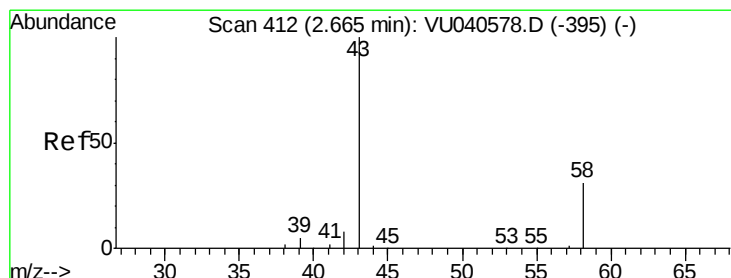
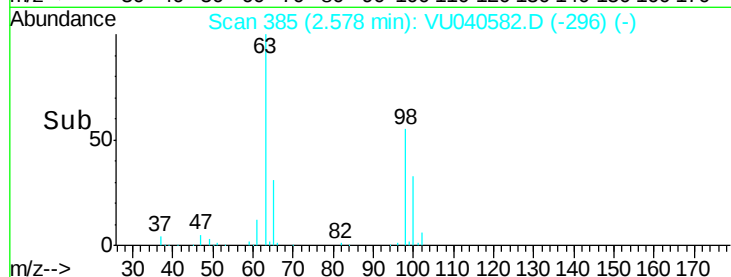
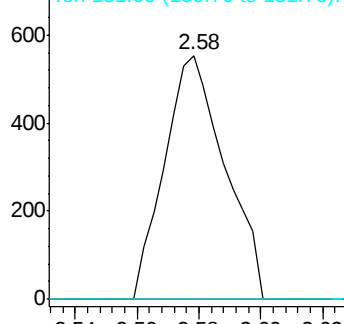
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.976 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU040582.D

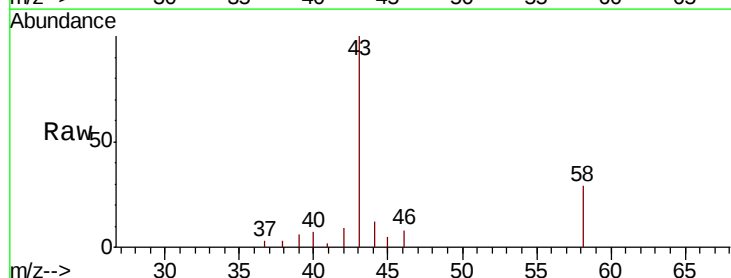
Acq: 09 Oct 2020 14:35

Tgt Ion: 43 Resp: 21113

Ion Ratio Lower Upper

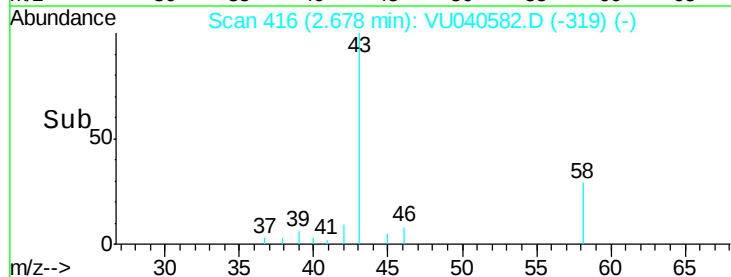
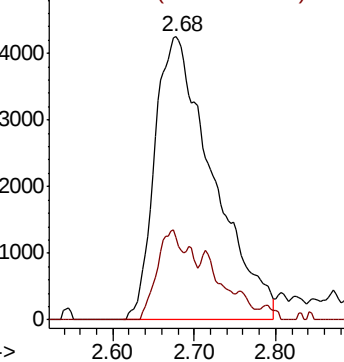
43 100

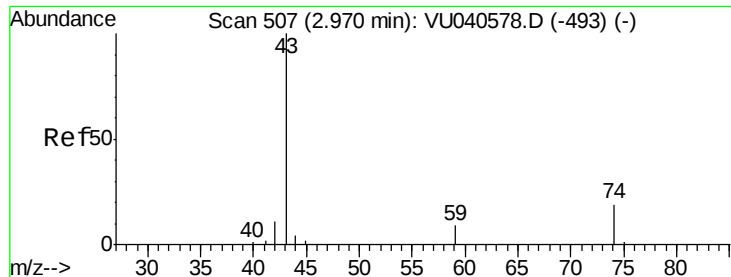
58 13.6 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

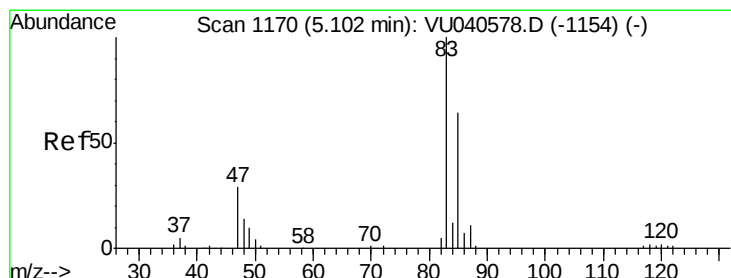
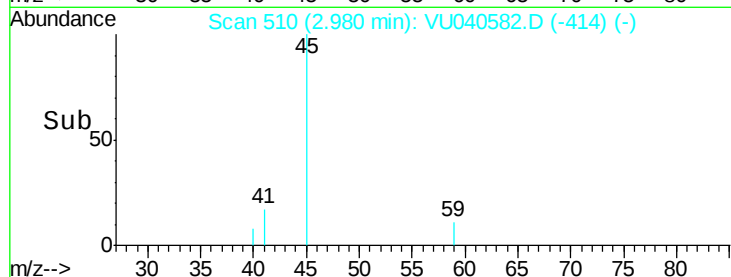
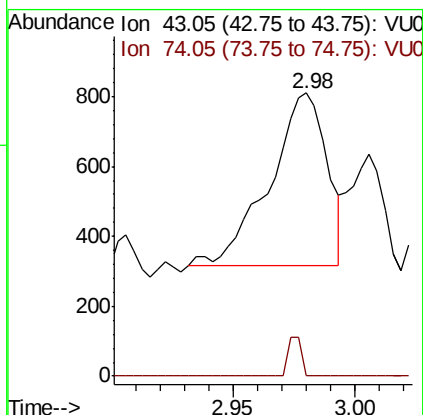
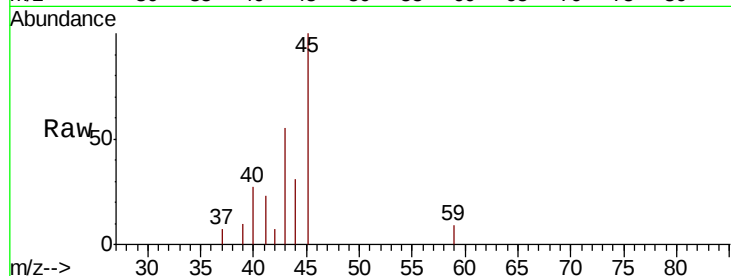




#15
Methvl Acetate
Concen: 0.117 ug/L
RT: 2.98 min Scan# 510
Delta R.T. 0.01 min
Lab File: VU040582.D
Acq: 09 Oct 2020 14:35

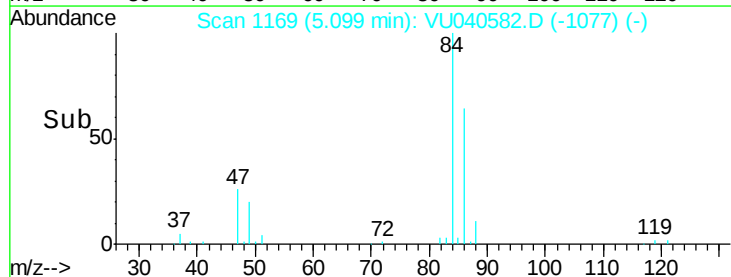
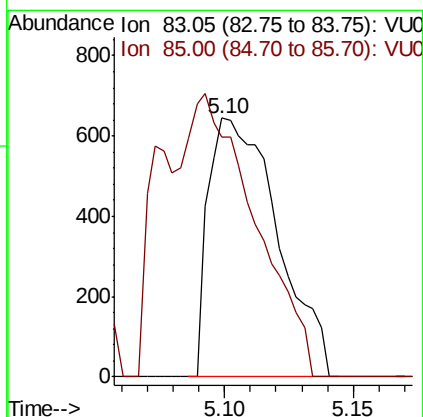
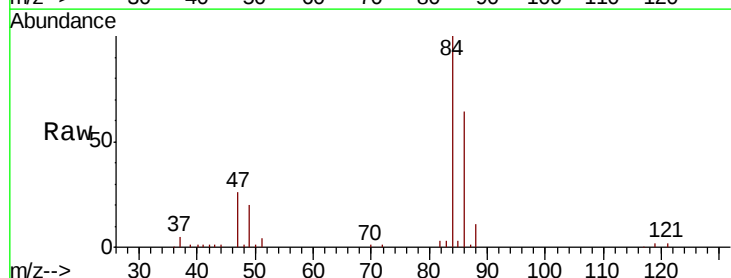
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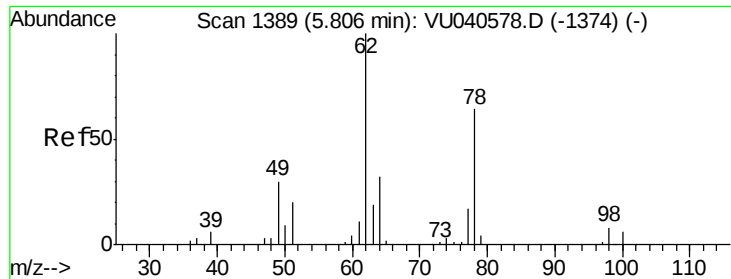
Tot Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
74 5.3 16.5 24.7#



#25
Chloroform
Concen: 0.052 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.00 min
Lab File: VU040582.D
Acq: 09 Oct 2020 14:35

Tgt Ion: 83 Resp: 1203
Ion Ratio Lower Upper
83 100
85 92.9 46.5 86.5#

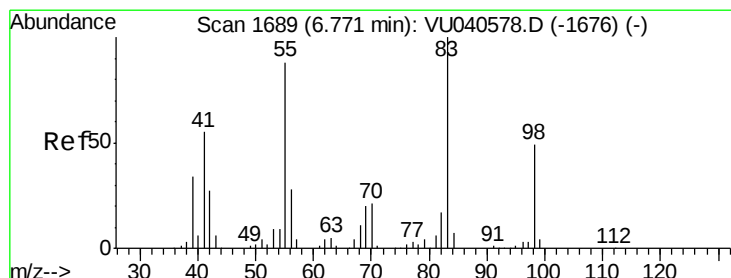
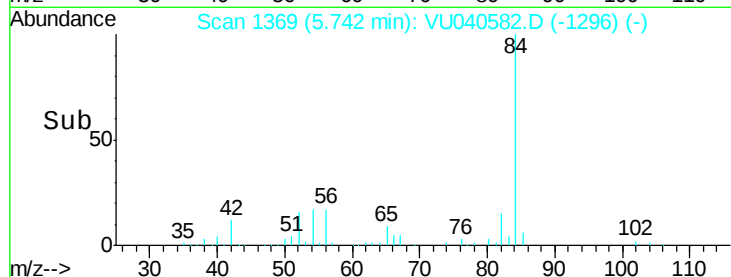
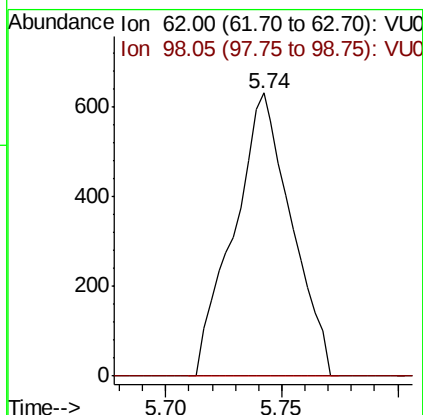
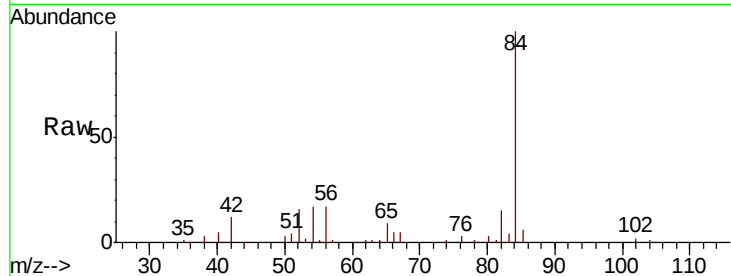




#27
 1,2-Dichloroethane
 Concen: 0.066 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU040582.D
 Acq: 09 Oct 2020 14:35

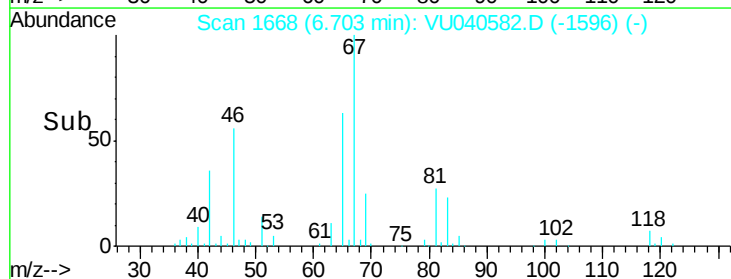
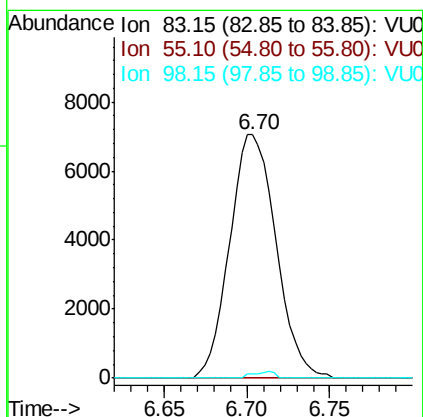
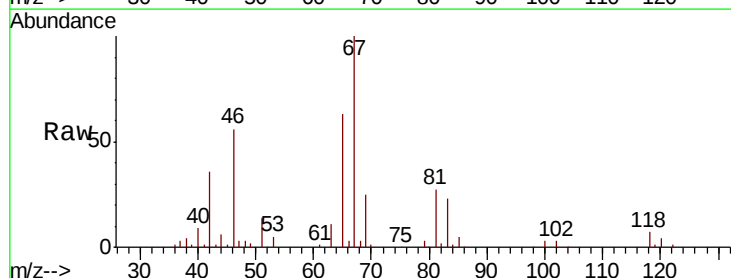
Instrument :
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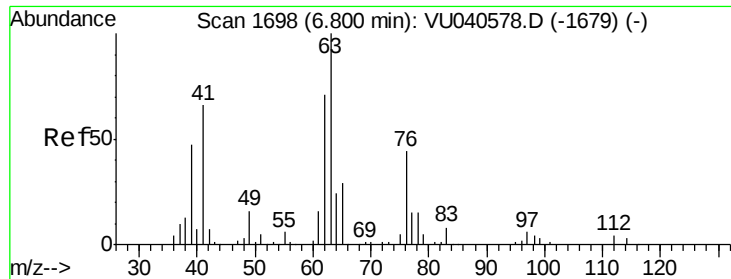
Tot Ion: 62 Resp: 1092
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.776 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040582.D
 Acq: 09 Oct 2020 14:35

Tgt Ion: 83 Resp: 13686
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 1.3 38.4 57.6#

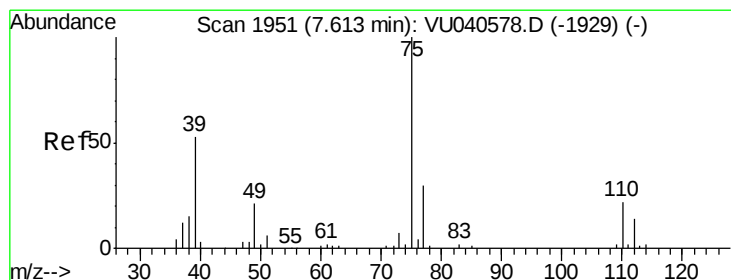
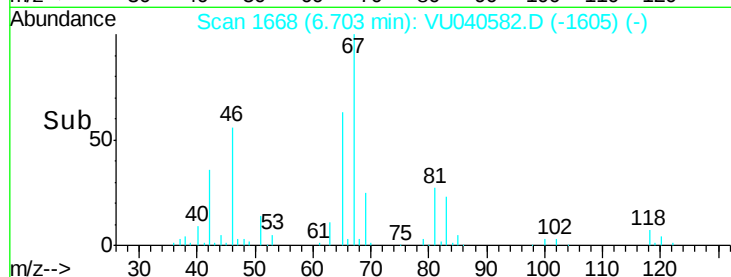
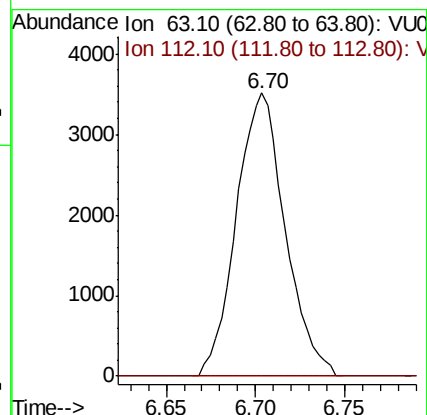
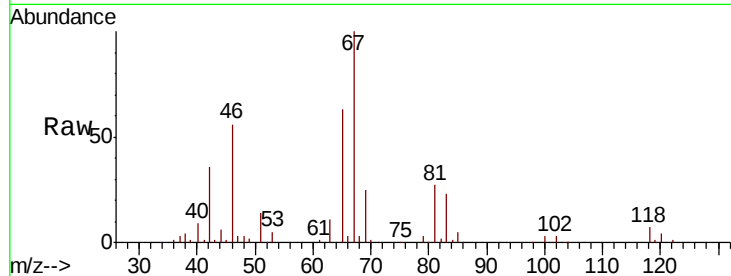




#37
 1,2-Dichloropropane
 Concen: 0.502 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040582.D
 Acq: 09 Oct 2020 14:35

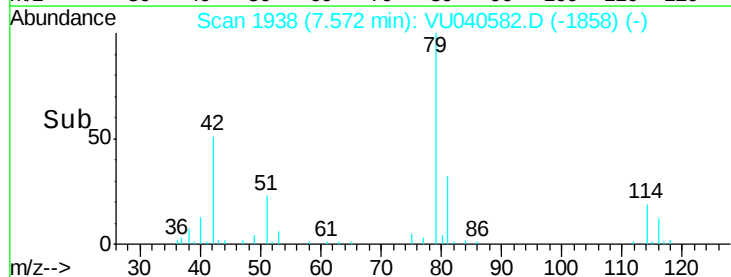
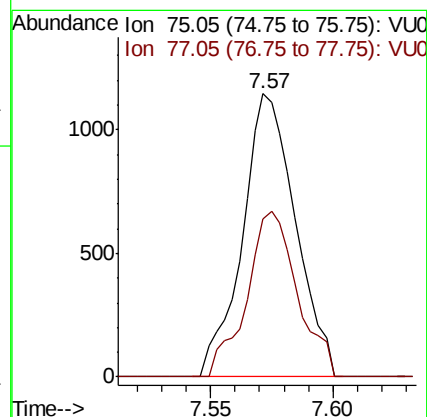
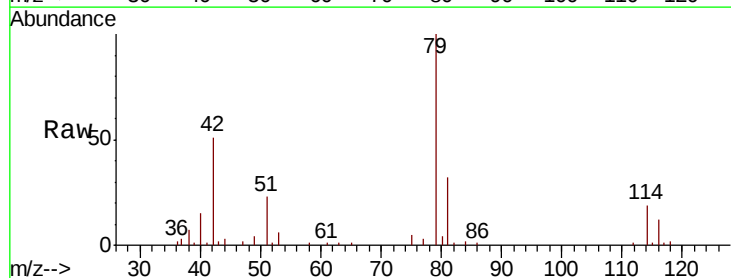
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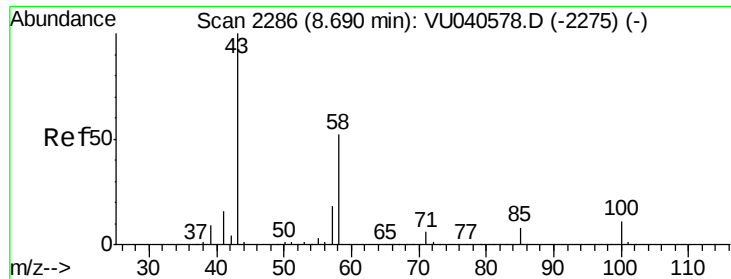
Tot Ion: 63 Resp: 6716
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040582.D
 Acq: 09 Oct 2020 14:35

Tgt Ion: 75 Resp: 1724
 Ion Ratio Lower Upper
 75 100
 77 55.9 20.5 38.1#

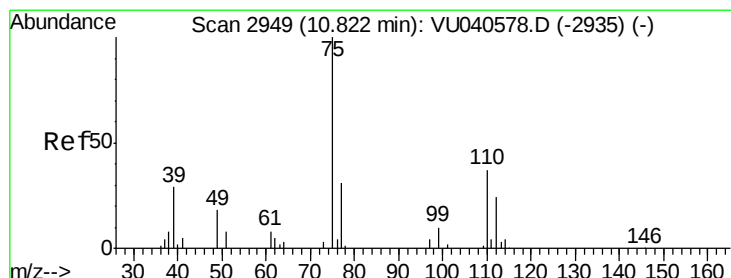
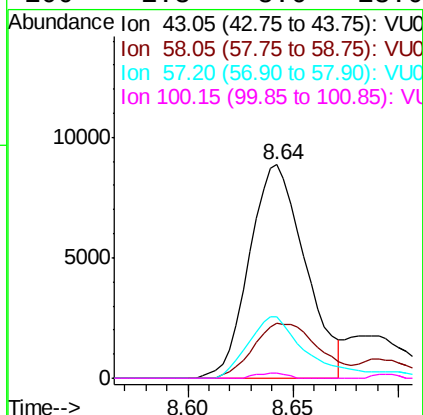
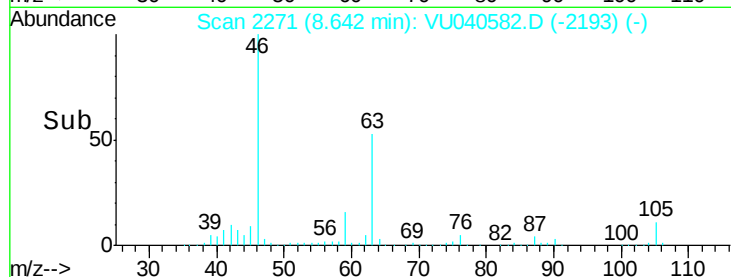
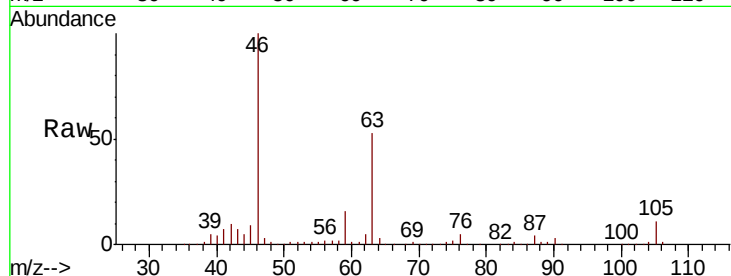




#48
2-Hexanone
Concen: 2.055 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040582.D
Acq: 09 Oct 2020 14:35

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion: 43 Resp: 16318
Ion Ratio Lower Upper
43 100
58 30.1 41.0 61.6#
57 29.7 14.4 21.6#
100 1.3 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 0.913 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040582.D
Acq: 09 Oct 2020 14:35

Tgt Ion: 75 Resp: 8967
Ion Ratio Lower Upper
75 100
77 38.6 26.4 39.6

