

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091820\
 Data File : VU040223.D
 Acq On : 18 Sep 2020 19:54
 Operator : SY/MD
 Sample : L4078-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN3

Quant Time: Sep 18 23:24:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110748	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28539	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	28202	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.58	63	49845	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	146049	60.39	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.78%
24) Chloroform-d	5.08	84	74025	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	46066	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.75	84	131204	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.70	67	42762	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	103950	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	17667	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	101859	54.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40057	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	42579	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

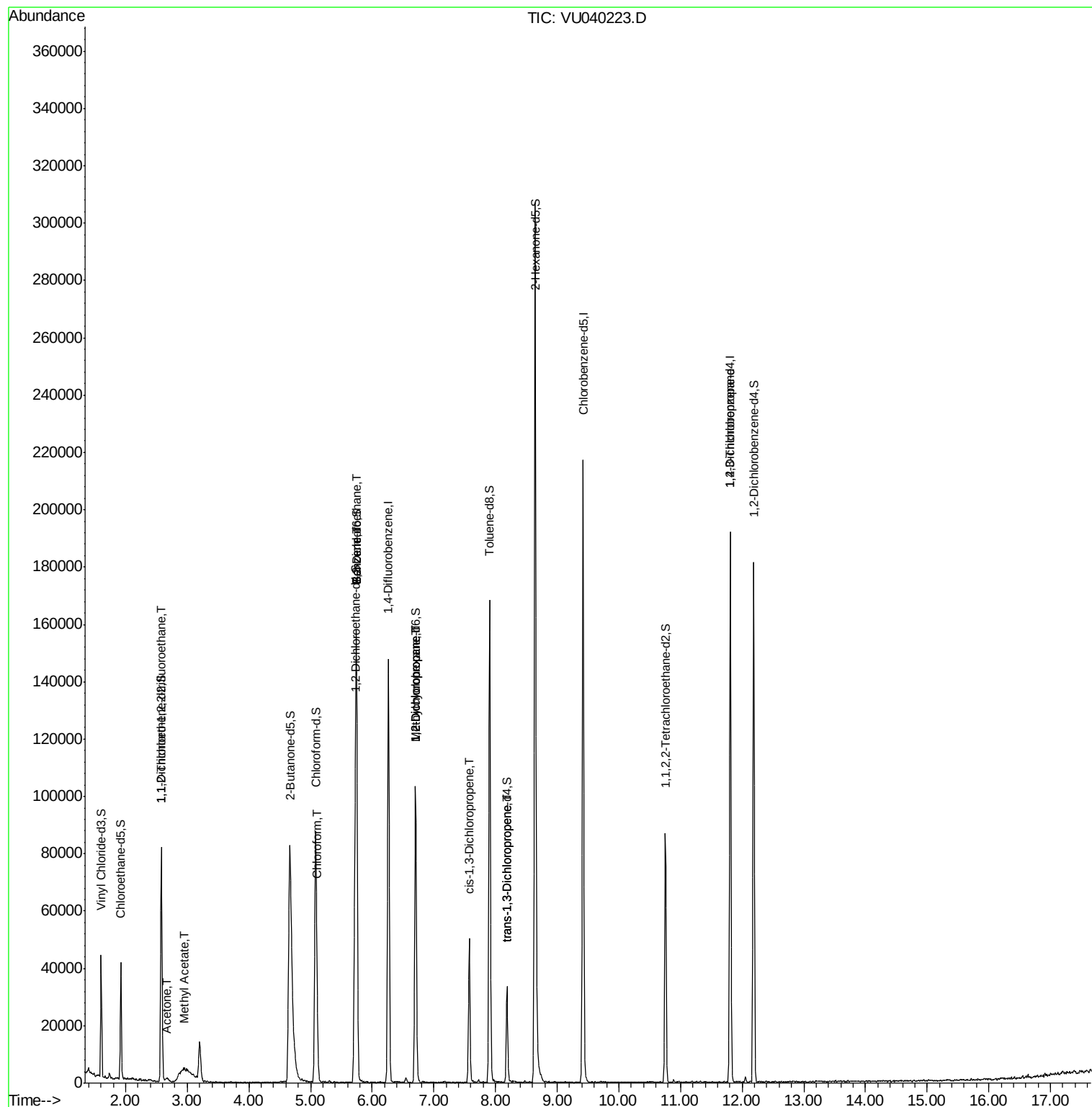
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	540	0.055	ug/L #	22
13) Acetone	2.66	43	1464	0.654	ug/L	95
15) Methyl Acetate	2.96	43	747	0.133	ug/L #	54
25) Chloroform	5.11	83	8667	0.446	ug/L	96
27) 1,2-Dichloroethane	5.74	62	682	0.048	ug/L #	78
33) Benzene	5.74	78	1151	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	10855	0.667	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5682	0.530	ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	1490	0.094	ug/L #	64
44) trans-1,3-Dichloropropene	8.19	75	1022	0.070	ug/L #	30
59) 1,2,3-Trichloropropane	11.81	75	6430	0.809	ug/L #	79

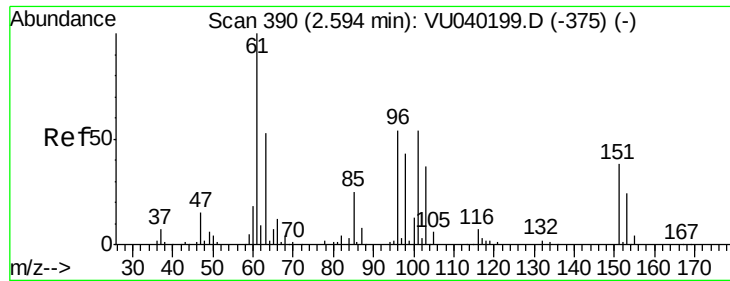
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091820\
Data File : VU040223.D
Acq On : 18 Sep 2020 19:54
Operator : SY/MD
Sample : L4078-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AN3

Quant Time: Sep 18 23:24:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#10

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

Concen: 0.055 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040223.D

Acq: 18 Sep 2020 19:54

Instrument :

MSVOA_U

ClientSampled :

C0AN3

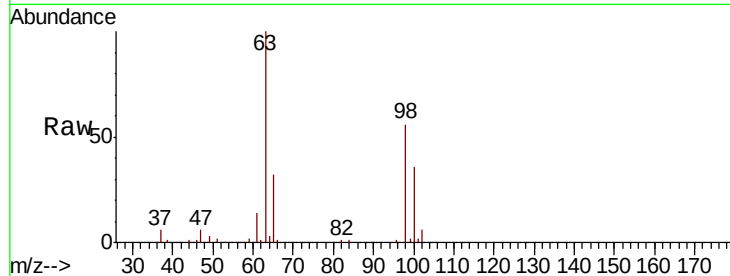
Tot Ion:101 Resp: 540

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

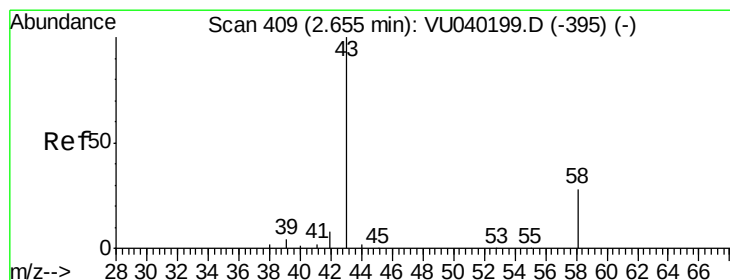
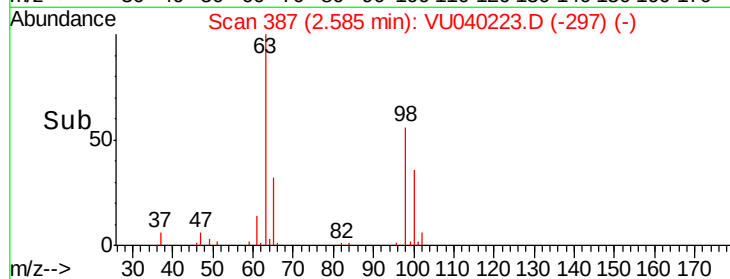
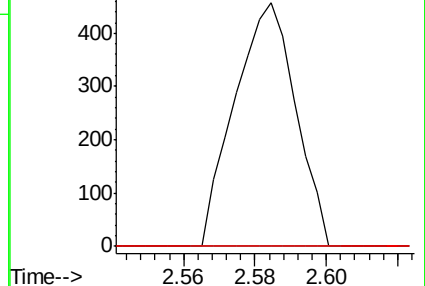
151 0.0 53.9 80.9#



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: 0.654 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040223.D

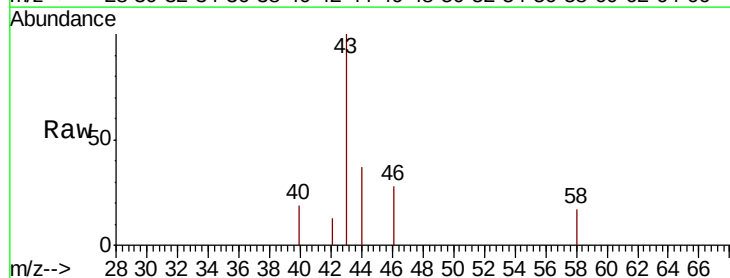
Acq: 18 Sep 2020 19:54

Tgt Ion: 43 Resp: 1464

Ion Ratio Lower Upper

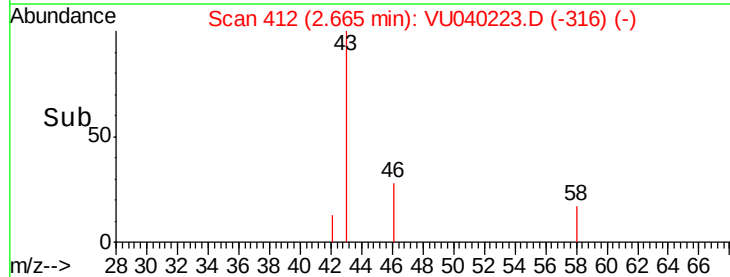
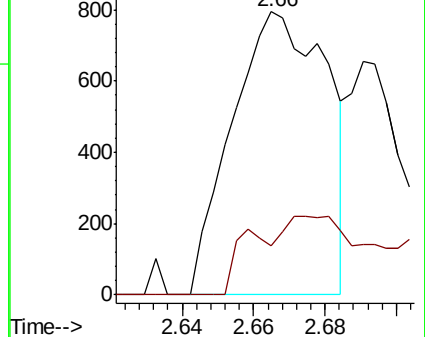
43 100

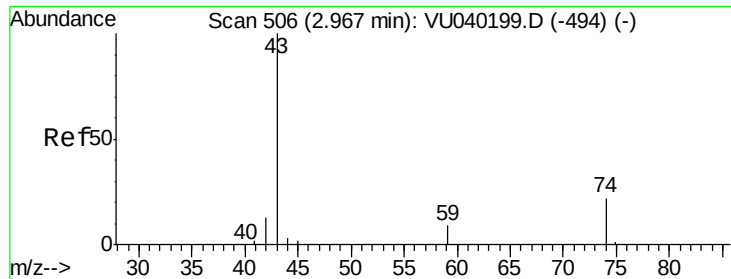
58 25.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

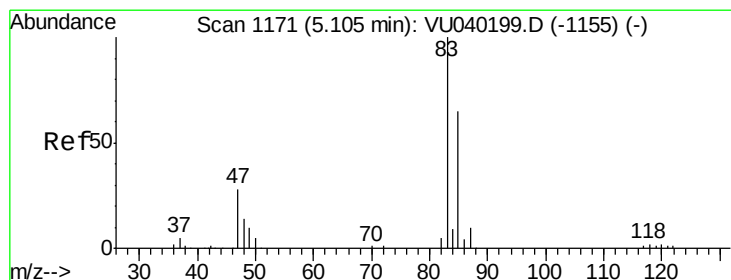
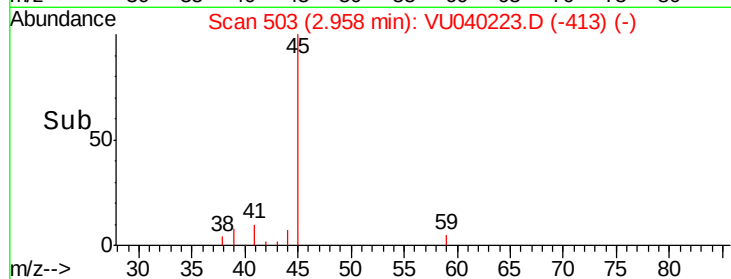
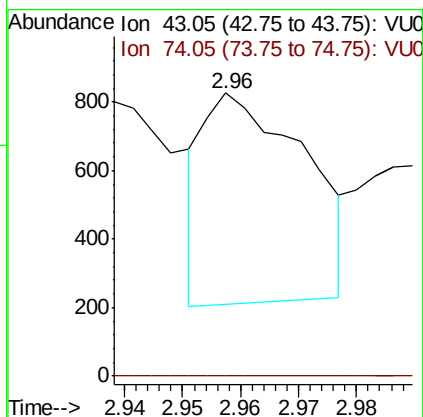
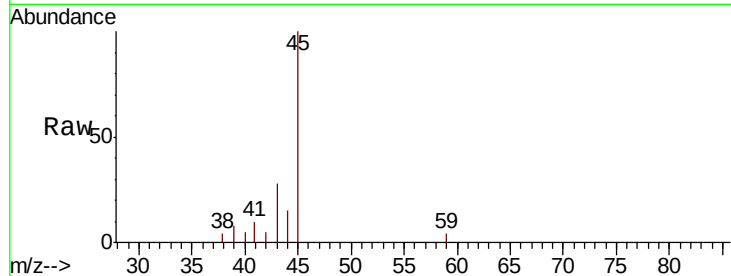




#15
Methvl Acetate
Concen: 0.133 ug/L
RT: 2.96 min Scan# 503
Delta R.T. -0.01 min
Lab File: VU040223.D
Acq: 18 Sep 2020 19:54

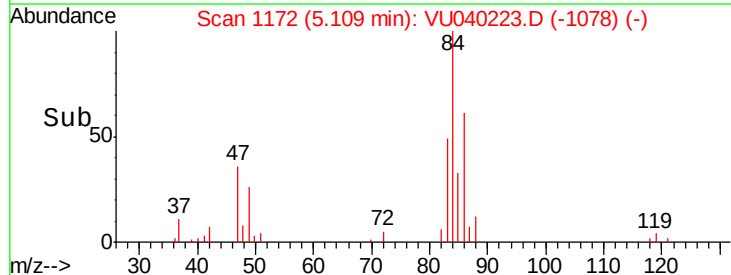
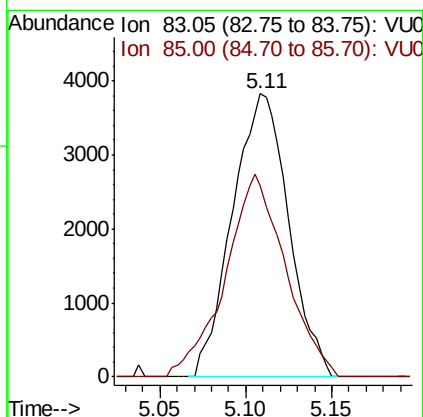
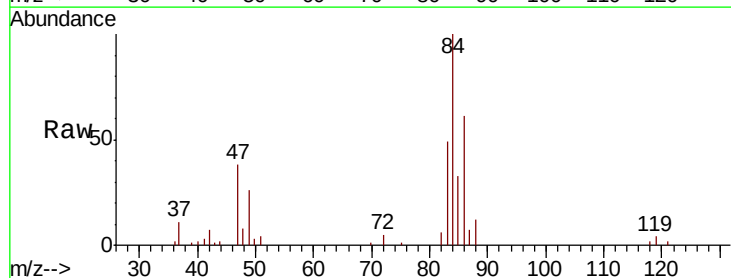
Instrument :
MSVOA_U
ClientSampleId :
C0AN3

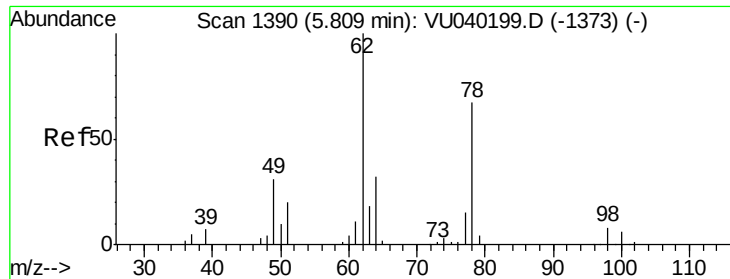
Tot Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#25
Chloroform
Concen: 0.446 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040223.D
Acq: 18 Sep 2020 19:54

Tgt Ion: 83 Resp: 8667
Ion Ratio Lower Upper
83 100
85 67.5 45.3 84.1

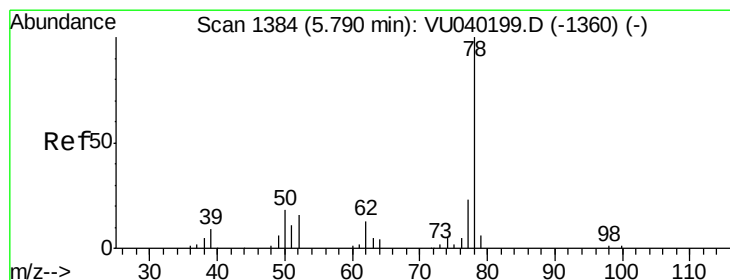
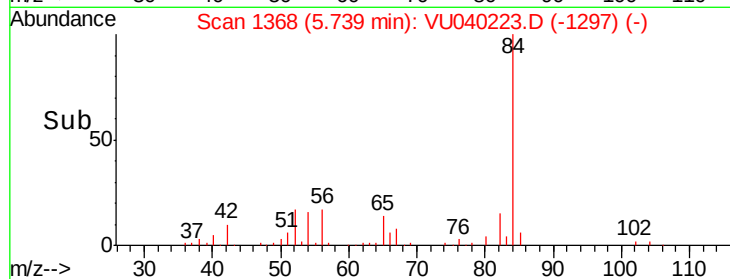
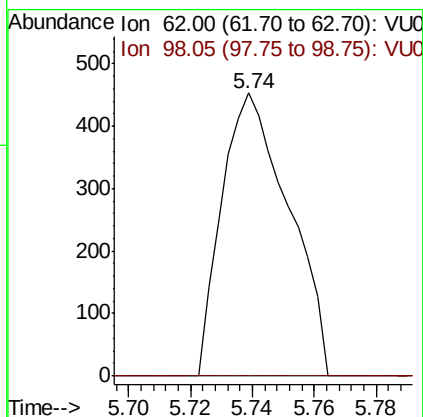
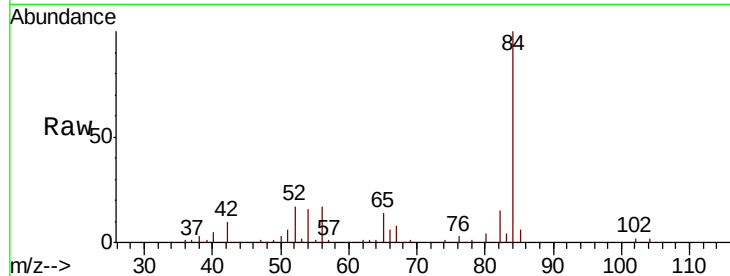




#27
 1,2-Dichloroethane
 Concen: 0.048 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU040223.D
 Acq: 18 Sep 2020 19:54

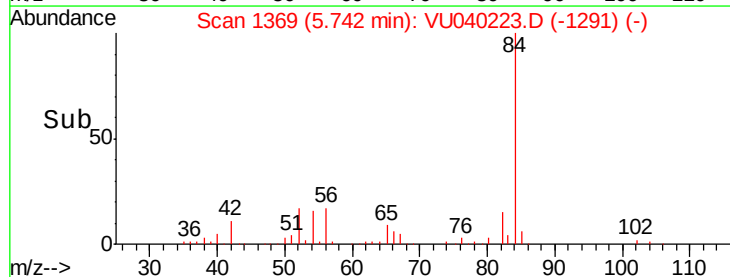
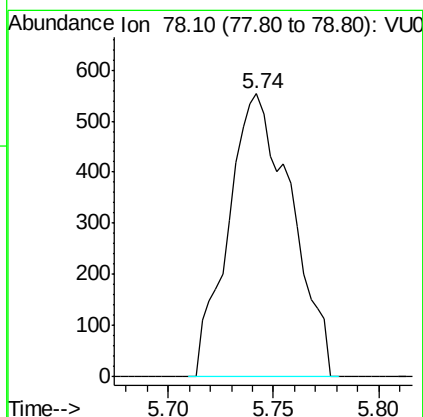
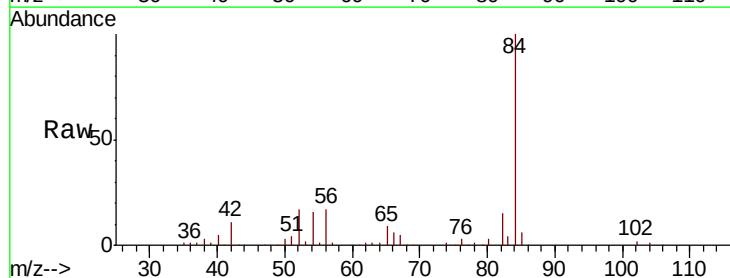
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN3

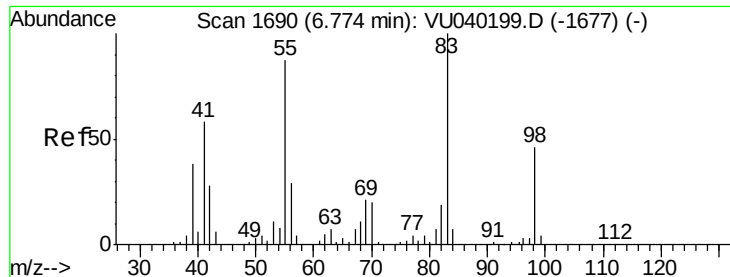
Tot Ion: 62 Resp: 682
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#33
 Benzene
 Concen: 0.029 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: VU040223.D
 Acq: 18 Sep 2020 19:54

Tgt Ion: 78 Resp: 1151

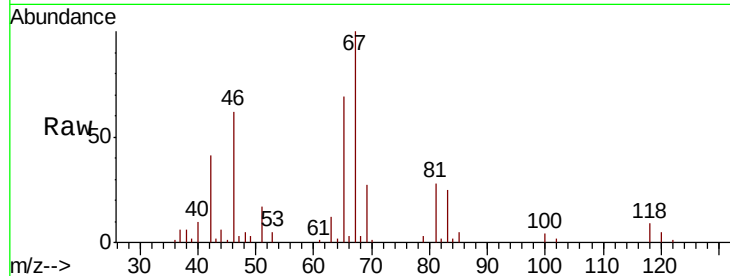




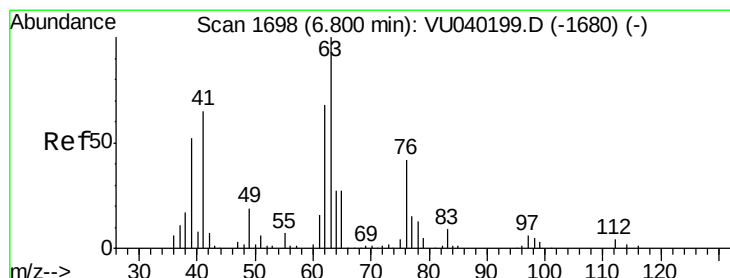
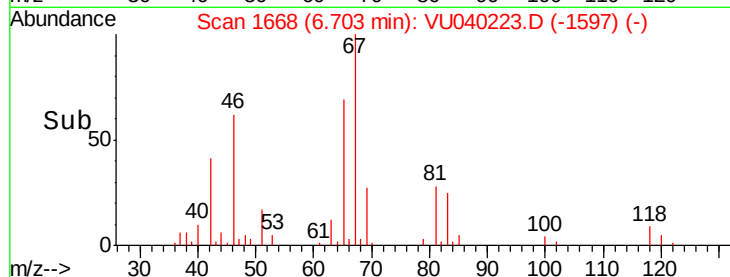
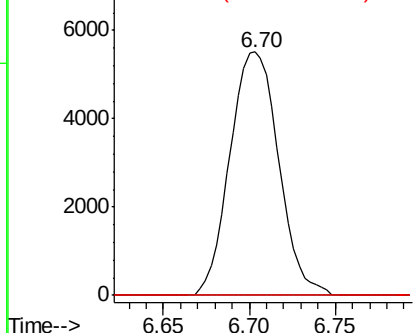
#35
Methylvlcyclohexane
Concen: 0.667 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040223.D
Acq: 18 Sep 2020 19:54

Instrument :
MSVOA_U
ClientSampleId :
C0AN3

Tot Ion: 83 Resp: 10855
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 2.0 37.8 56.6#

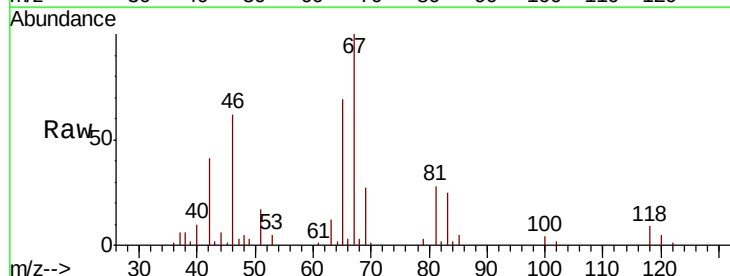


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

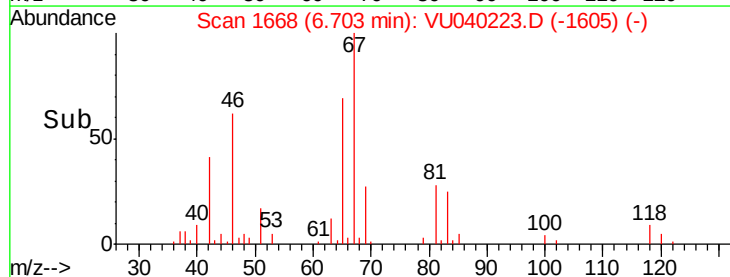
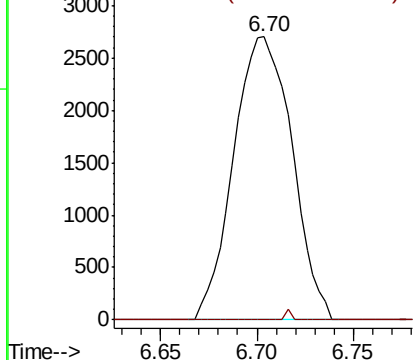


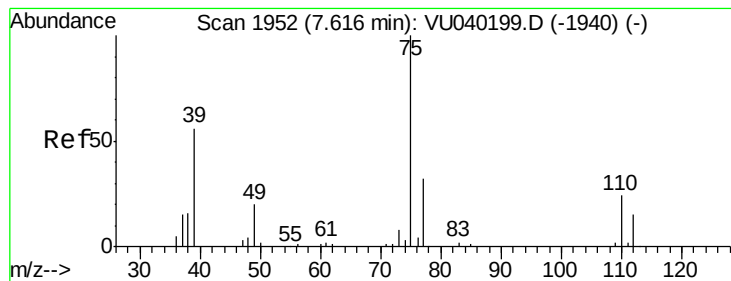
#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040223.D
Acq: 18 Sep 2020 19:54

Tgt Ion: 63 Resp: 5682
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040223.D

Acq: 18 Sep 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

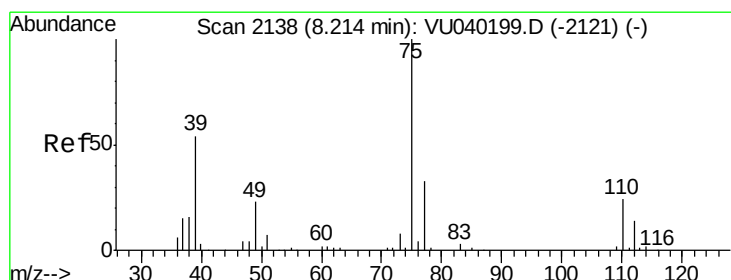
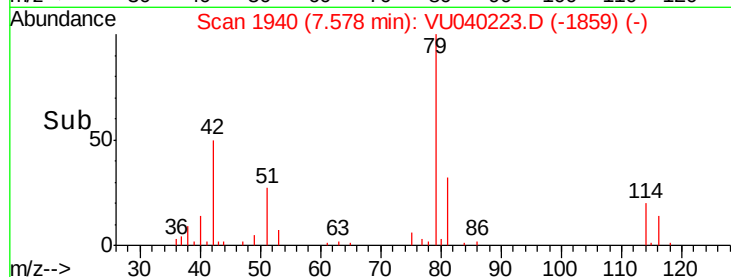
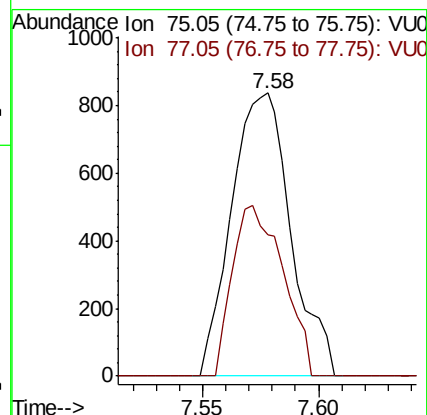
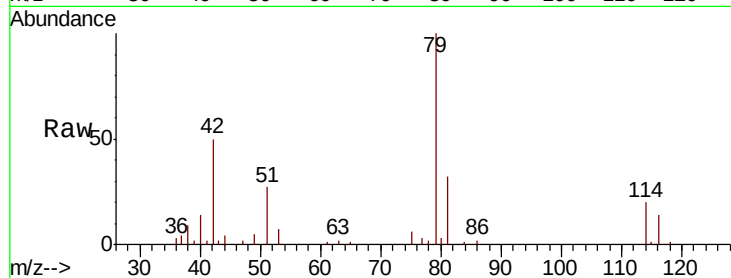
C0AN3

Tot Ion: 75 Resp: 1490

Ion Ratio Lower Upper

75 100

77 49.8 21.1 39.3#



#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040223.D

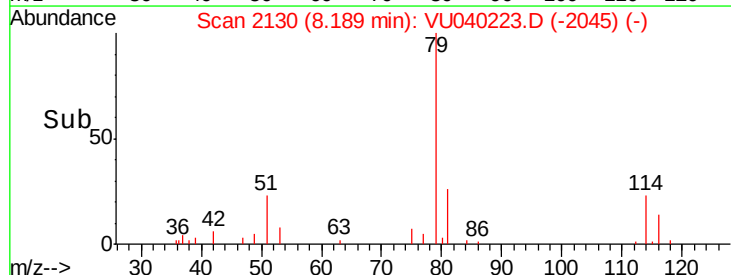
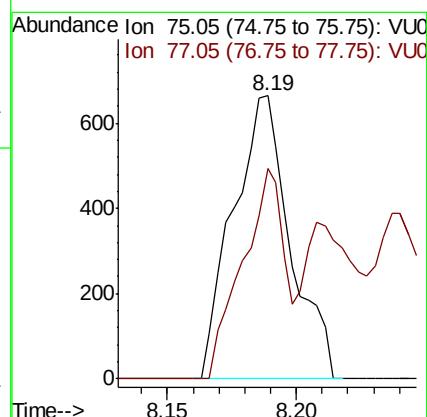
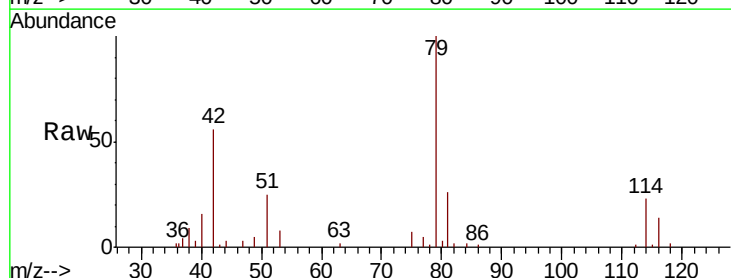
Acq: 18 Sep 2020 19:54

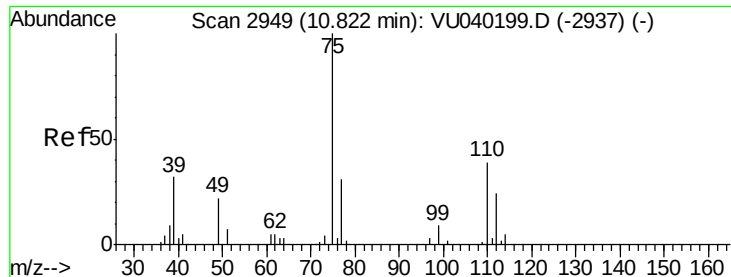
Tgt Ion: 75 Resp: 1022

Ion Ratio Lower Upper

75 100

77 74.2 23.9 44.3#





#59

1,2,3-Trichloropropane

Concen: 0.809 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040223.D

Acq: 18 Sep 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

C0AN3

Tot Ion: 75 Resp: 6430

Ion Ratio Lower Upper

75 100

77 42.4 24.9 37.3#

