

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041590.D
 Acq On : 13 Dec 2020 00:49
 Operator : SY/MD
 Sample : L5060-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B12

Quant Time: Dec 13 11:29:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65039	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33911	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.92	69	32787	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.58	63	55283	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.65	46	151659	50.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	5.08	84	82747	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.72	65	48805	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	162820	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.70	67	54696	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.91	98	144605	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	22090	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.64	63	119775	39.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51510	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	57048	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

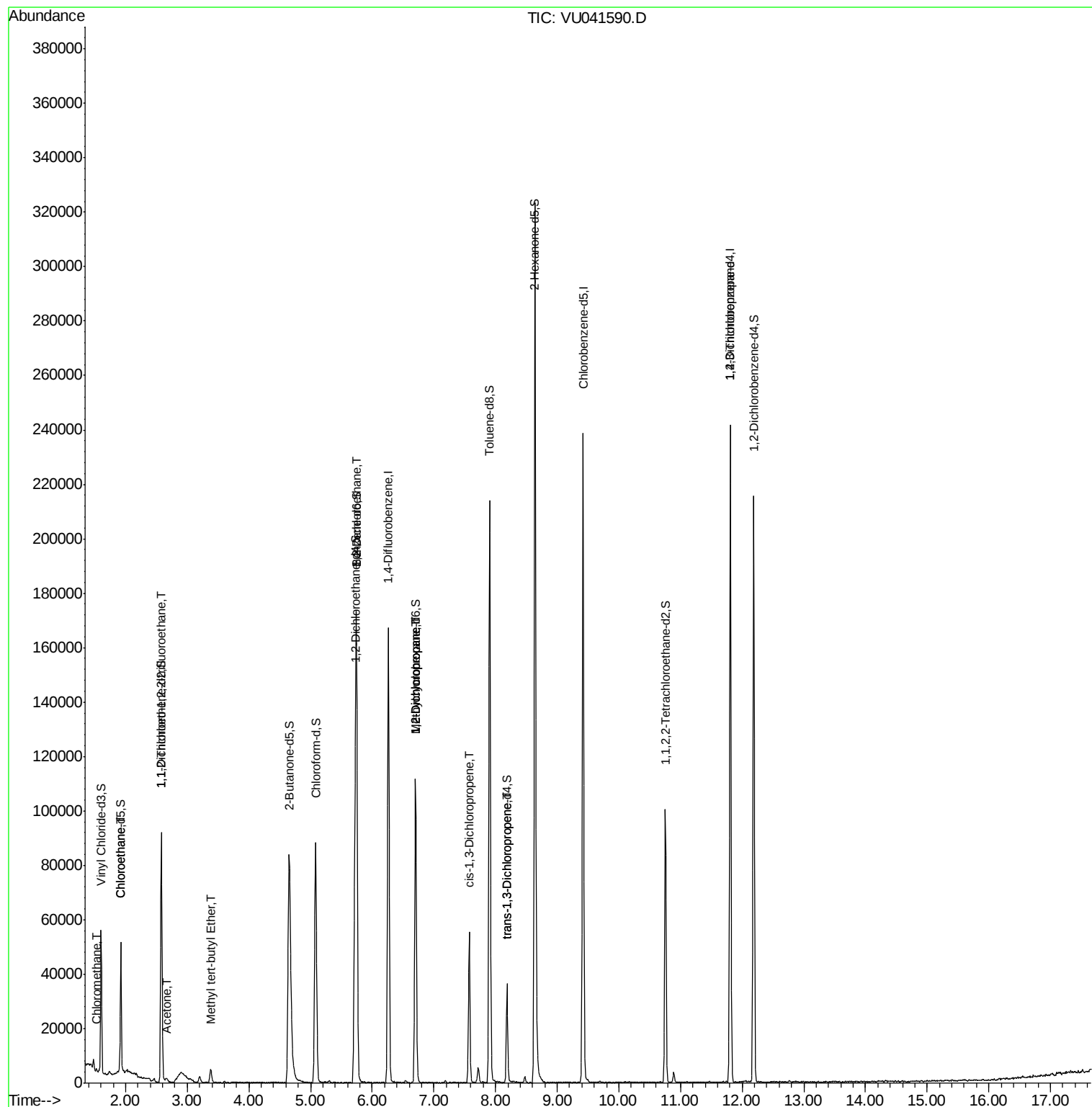
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	842	0.076	ug/L	83
8) Chloroethane	1.93	64	375	0.045	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	436	0.047	ug/L #	22
13) Acetone	2.67	43	2680	1.399	ug/L	73
17) Methyl tert-butyl Ether	3.38	73	5743	0.237	ug/L	95
27) 1,2-Dichloroethane	5.75	62	748	0.062	ug/L #	73
35) Methylcyclohexane	6.70	83	12460	0.696	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	6062	0.538	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1264	0.076	ug/L #	63
44) trans-1,3-Dichloropropene	8.19	75	791	0.053	ug/L #	59
59) 1,2,3-Trichloropropane	11.81	75	7779	0.918	ug/L	99

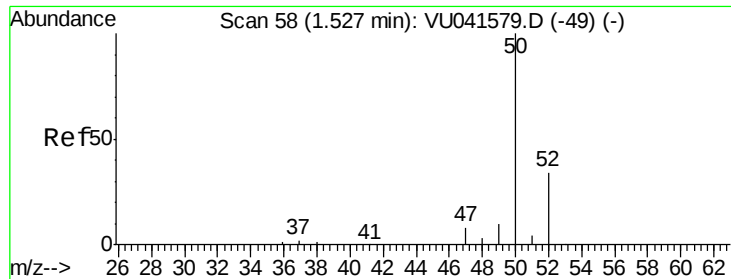
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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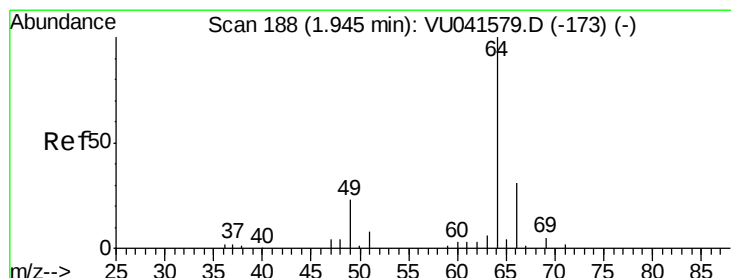
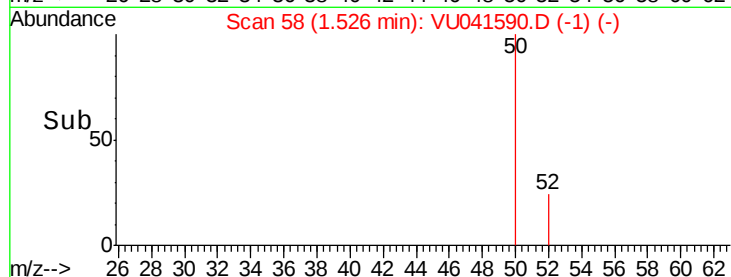
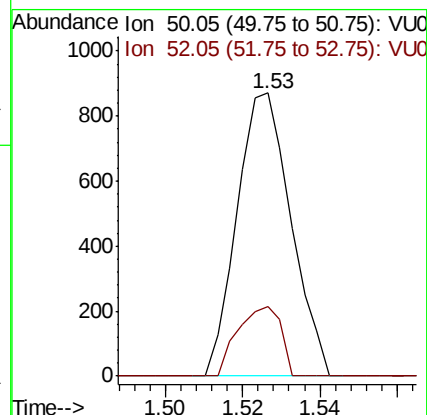
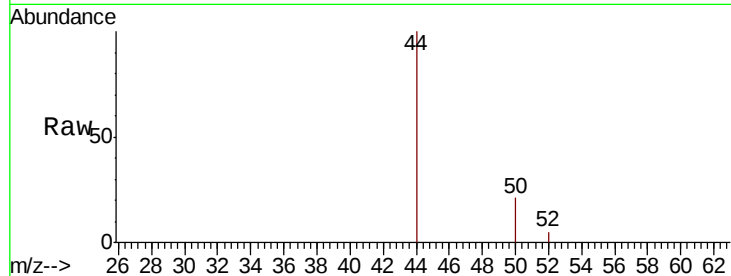




#3
Chloromethane
Concen: 0.076 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

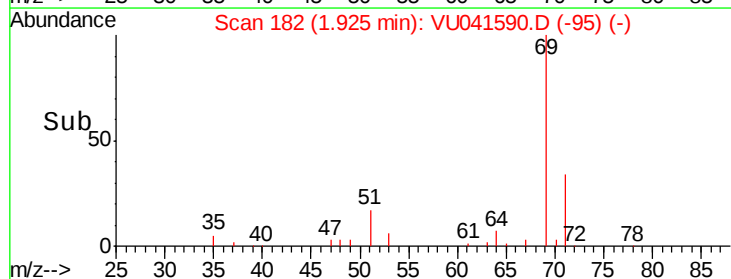
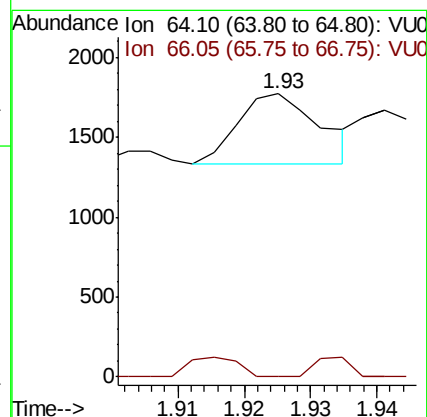
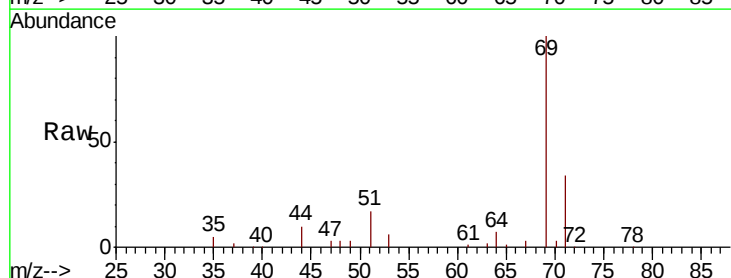
Instrument :
MSVOA_U
ClientSampleId :
C0B12

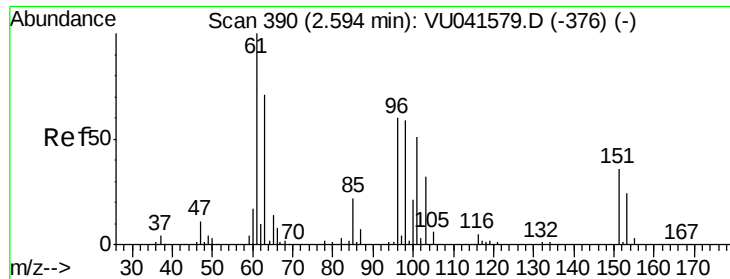
Tot Ion: 50 Resp: 842
Ion Ratio Lower Upper
50 100
52 24.5 24.1 44.8



#8
Chloroethane
Concen: 0.045 ug/L
RT: 1.93 min Scan# 182
Delta R.T. -0.02 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

Tgt Ion: 64 Resp: 375
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.0#





#10

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

Concen: 0.047 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041590.D

Acq: 13 Dec 2020 00:49

Instrument :

MSVOA_U

ClientSampleId :

C0B12

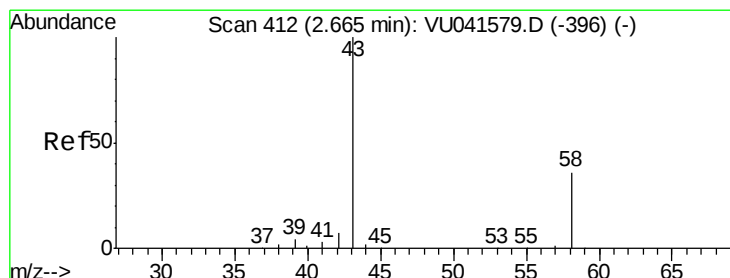
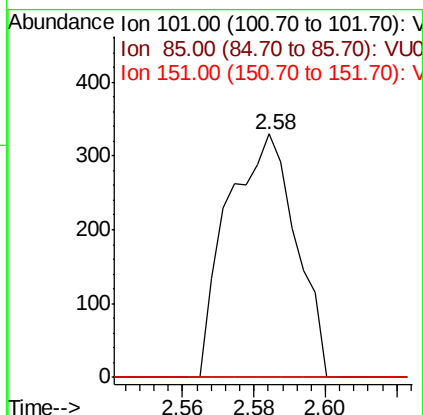
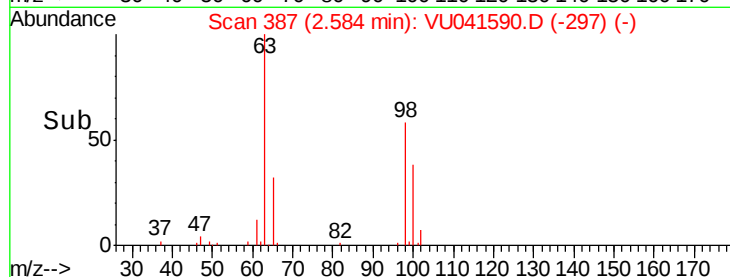
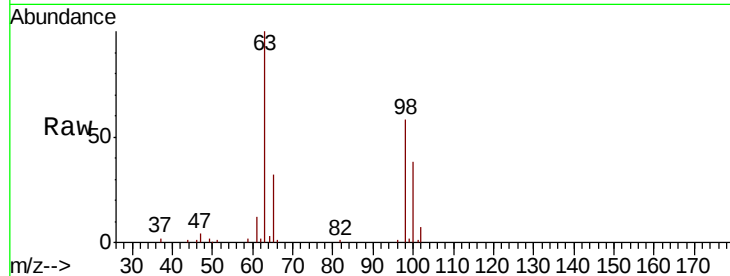
Tot Ion:101 Resp: 436

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



#13

Acetone

Concen: 1.399 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU041590.D

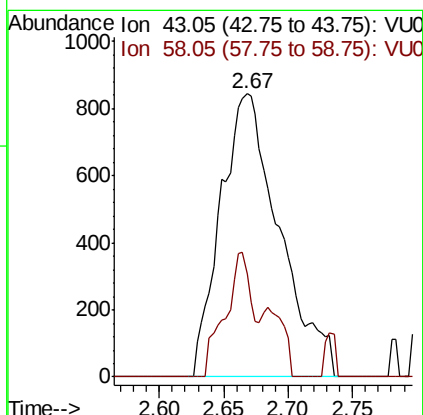
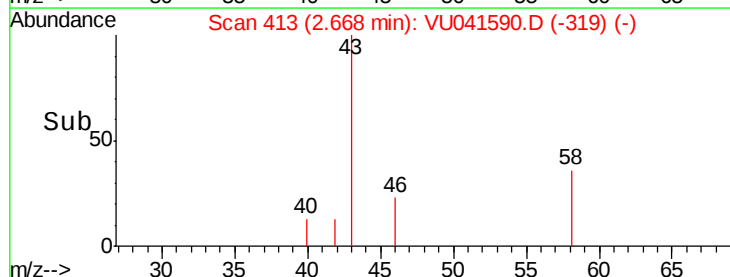
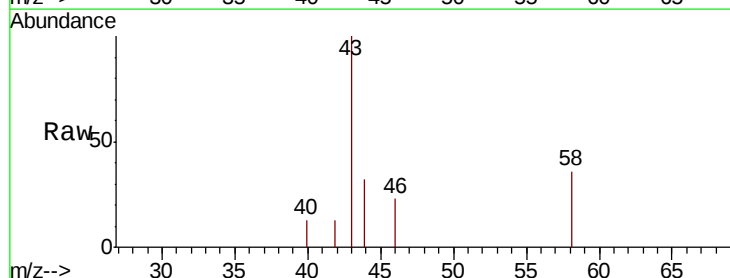
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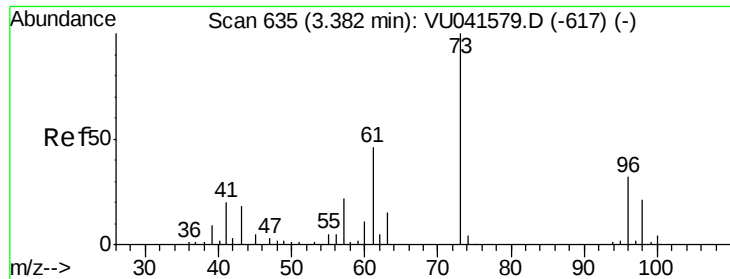
Tgt Ion: 43 Resp: 2680

Ion Ratio Lower Upper

43 100

58 20.4 0.0 73.2

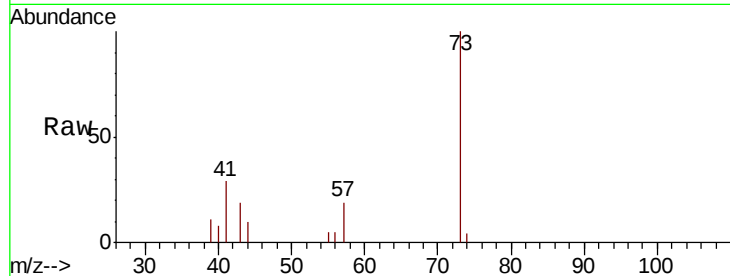




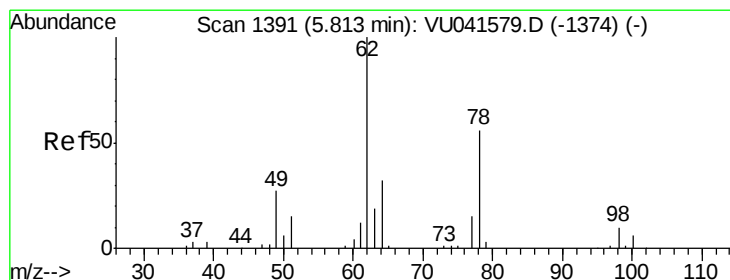
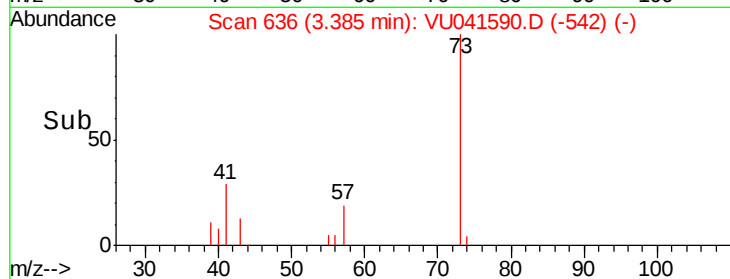
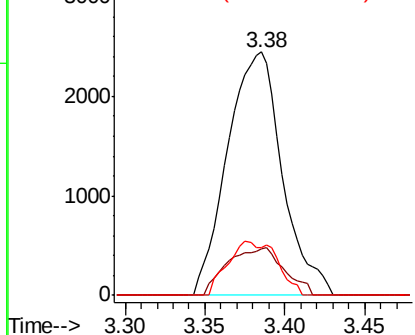
#17
Methvl tert-butvl Ether
Concen: 0.237 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

Instrument :
MSVOA_U
ClientSampleId :
C0B12

Tot Ion: 73 Resp: 5743
Ion Ratio Lower Upper
73 100
43 20.3 14.7 22.1
57 20.0 18.2 27.4

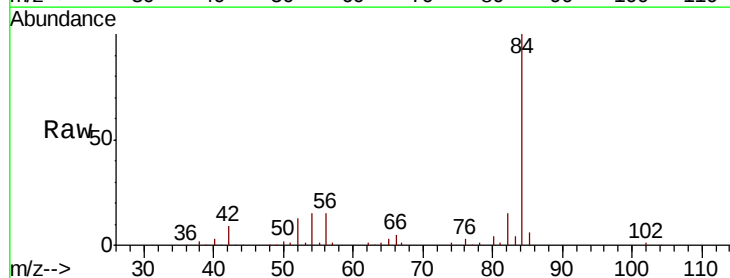


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

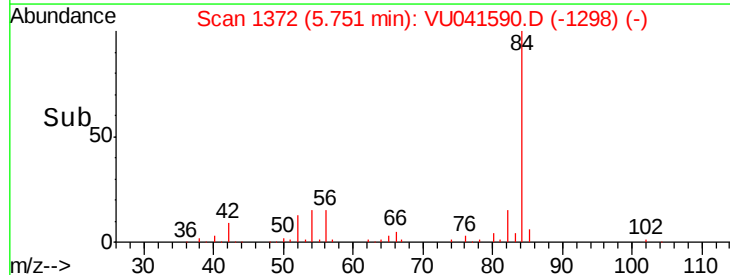
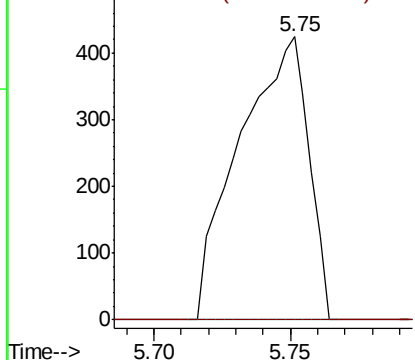


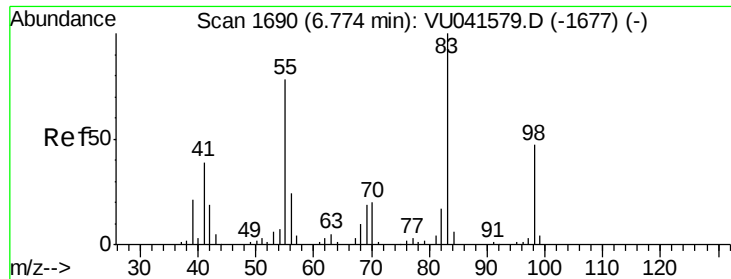
#27
1,2-Dichloroethane
Concen: 0.062 ug/L
RT: 5.75 min Scan# 1372
Delta R.T. -0.06 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

Tgt Ion: 62 Resp: 748
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



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

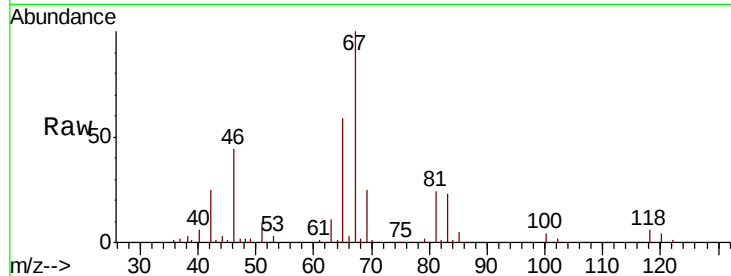




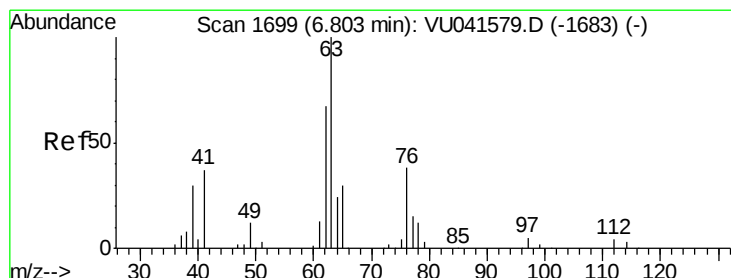
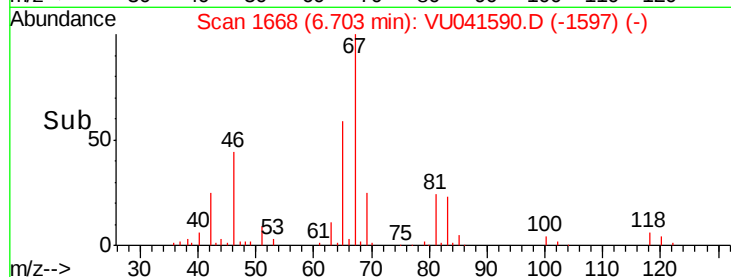
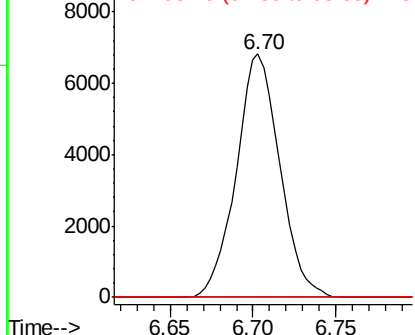
#35
Methvlcvclohexane
Concen: 0.696 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

Instrument :
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ClientSampleId :
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Tot Ion: 83 Resp: 12460
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.0 36.6 54.8#

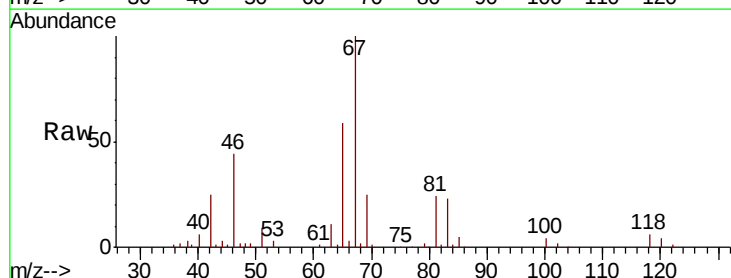


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

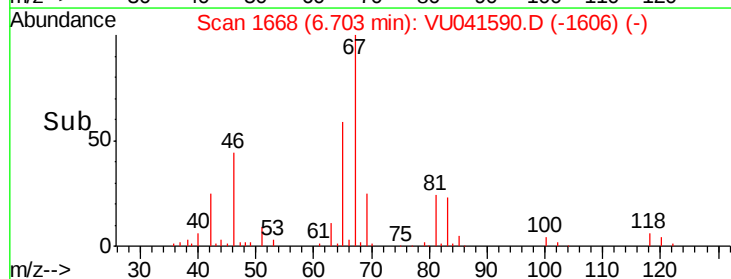
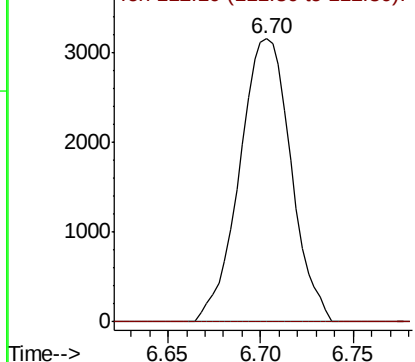


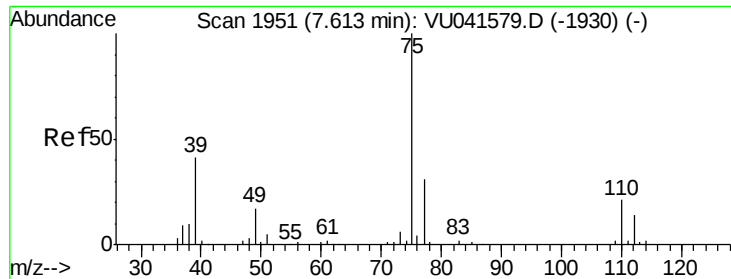
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

Tgt Ion: 63 Resp: 6062
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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



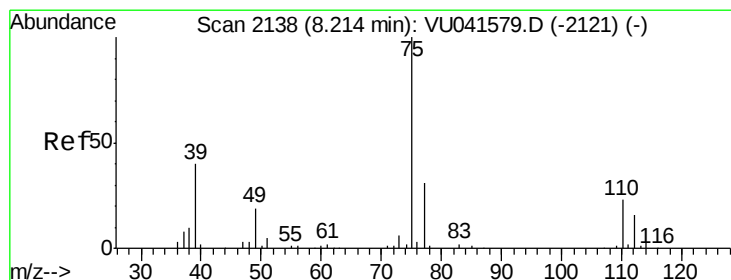
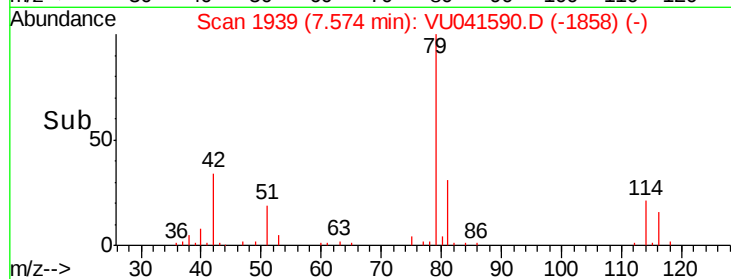
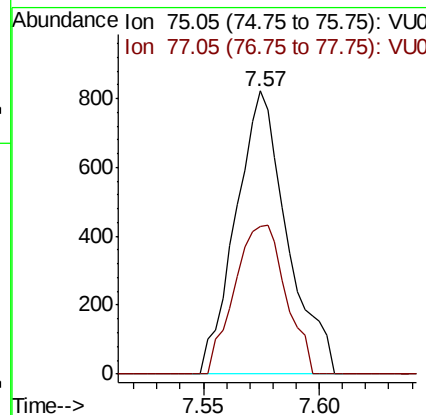
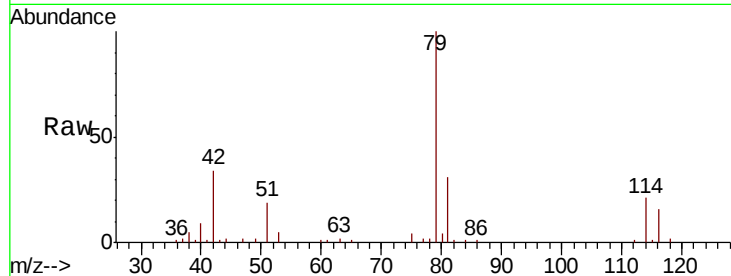


#39

cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

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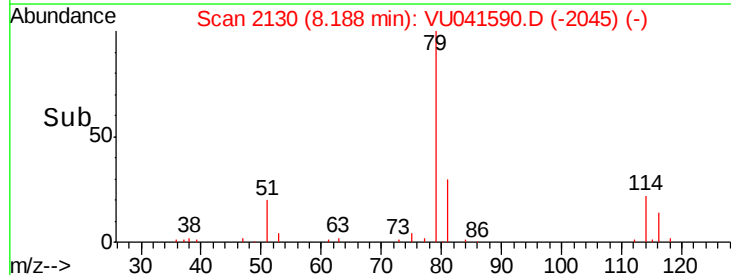
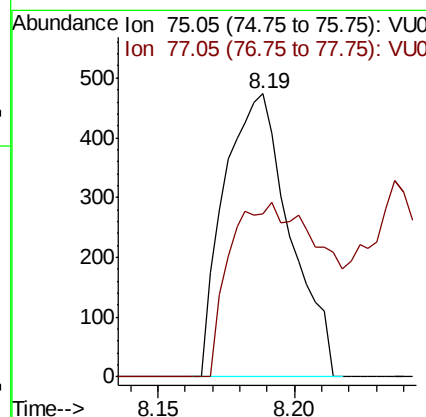
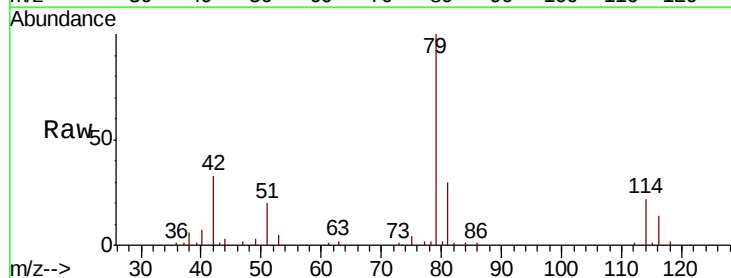
Tot Ion: 75 Resp: 1264
Ion Ratio Lower Upper
75 100
77 52.3 22.3 41.3#

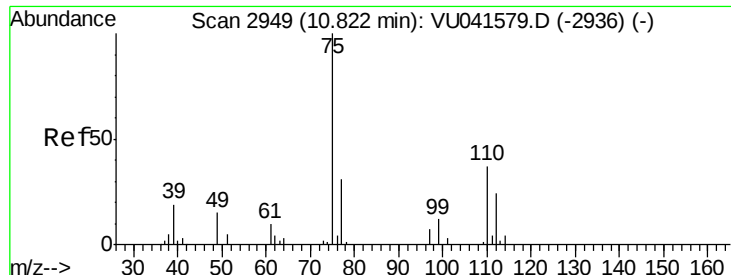


#44

trans-1,3-Dichloropropene
Concen: 0.053 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041590.D
Acq: 13 Dec 2020 00:49

Tgt Ion: 75 Resp: 791
Ion Ratio Lower Upper
75 100
77 57.7 23.8 44.2#





#59

1,2,3-Trichloropropane

Concen: 0.918 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041590.D

Acq: 13 Dec 2020 00:49

Instrument :

MSVOA_U

ClientSampleId :

C0B12

Tot Ion: 75 Resp: 7779

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

