

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041548.D
 Acq On : 10 Dec 2020 20:08
 Operator : SY/MD
 Sample : L5023-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW4

Quant Time: Dec 11 06:09:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	34551	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	34710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18118	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7313	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.92	69	8055	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	15389	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.66	46	32283	48.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.02%
24) Chloroform-d	5.08	84	25702	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	18618	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.74	84	36124	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	11827	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.90	98	32729	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.18	79	6547	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.64	63	23084	41.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11072	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	17307	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

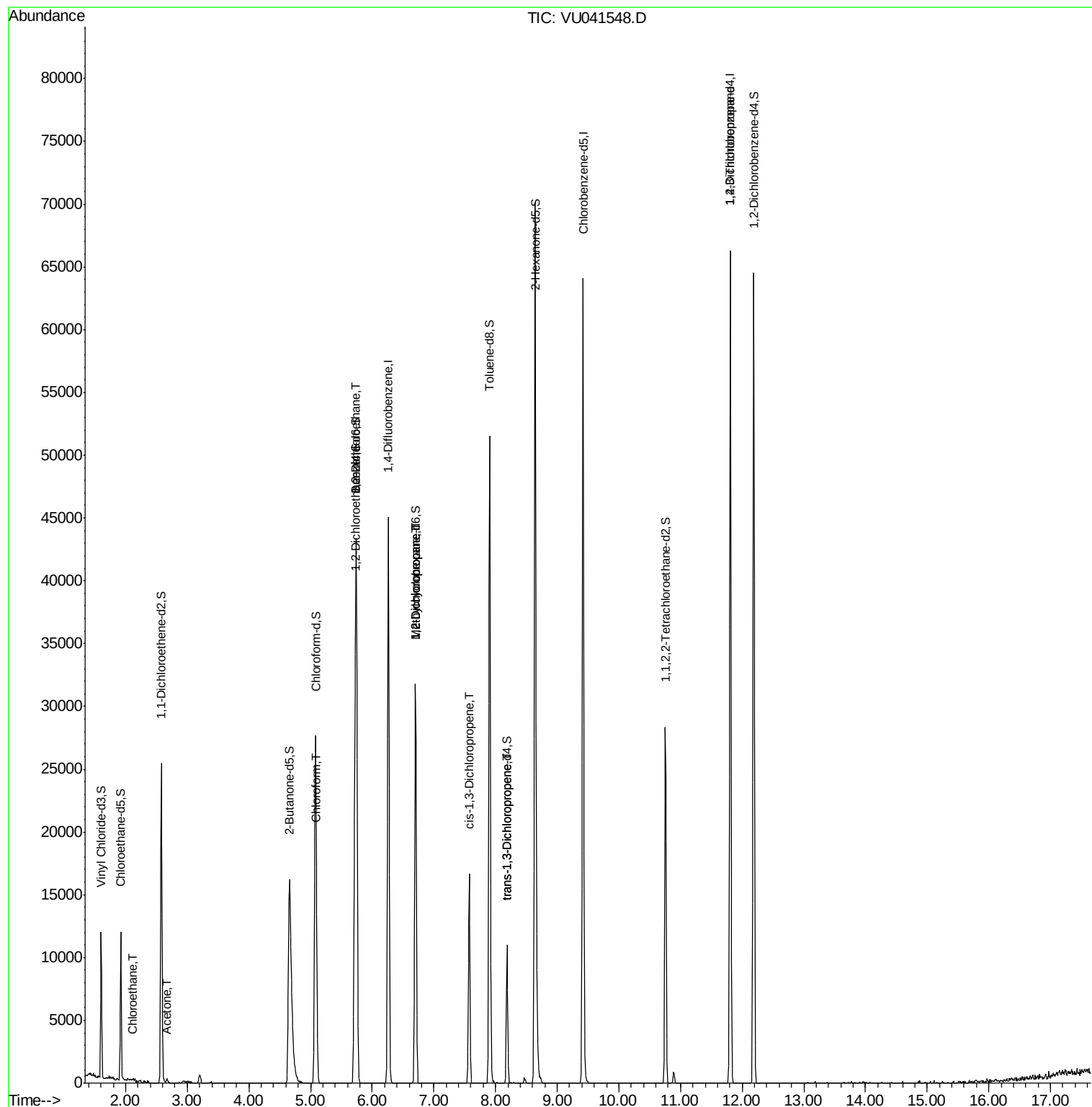
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.12	64	73	0.048	ug/L #	45
13) Acetone	2.67	43	605	1.168	ug/L	63
25) Chloroform	5.11	83	343	0.071	ug/L	77
27) 1,2-Dichloroethane	5.74	62	273	0.073	ug/L #	79
35) Methylcyclohexane	6.70	83	3783	1.069	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1798	0.893	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	473	0.130	ug/L #	67
44) trans-1,3-Dichloropropene	8.19	75	302	0.083	ug/L #	42
59) 1,2,3-Trichloropropane	11.81	75	1734	0.888	ug/L #	81

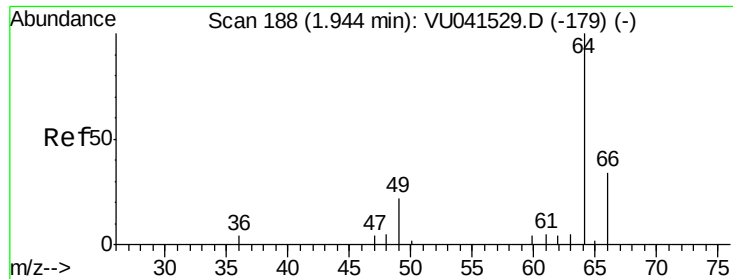
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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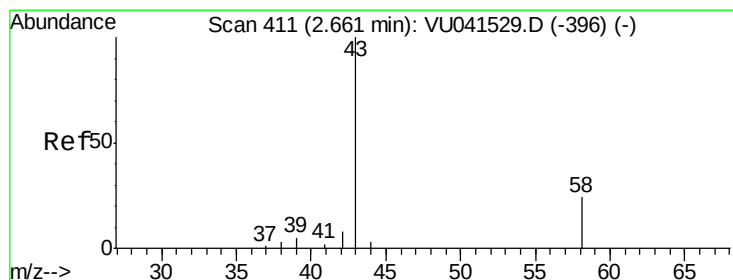
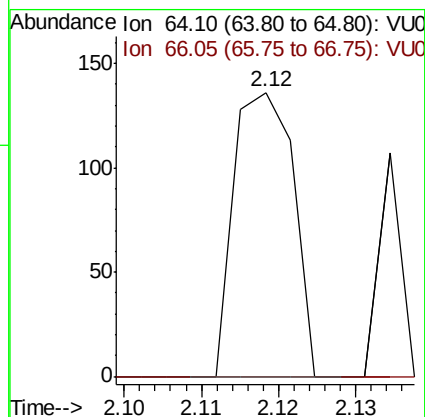
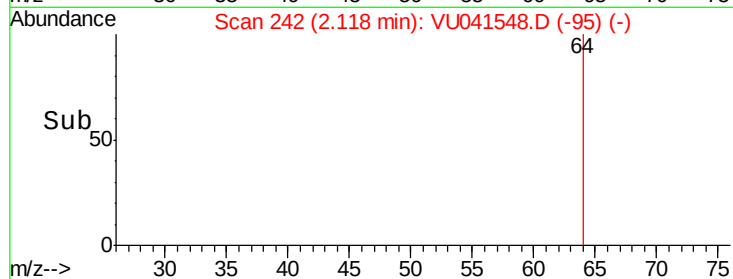
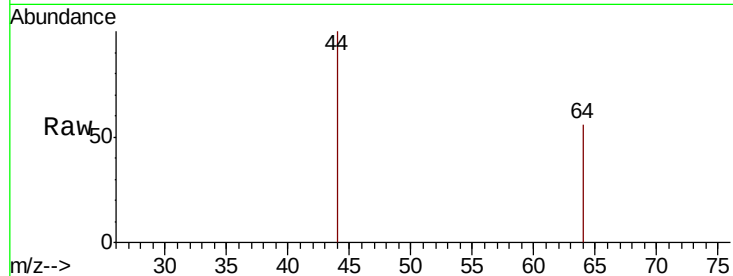




#8
Chloroethane
Concen: 0.048 ug/L
RT: 2.12 min Scan# 242
Delta R.T. 0.17 min
Lab File: VU041548.D
Acq: 10 Dec 2020 20:08

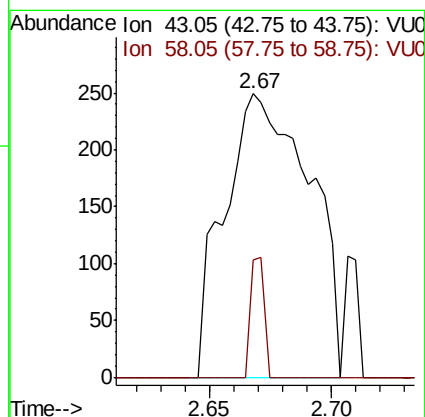
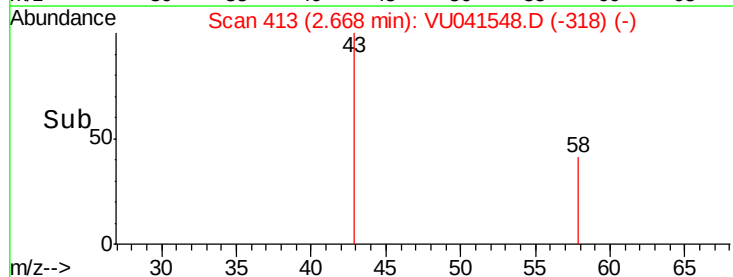
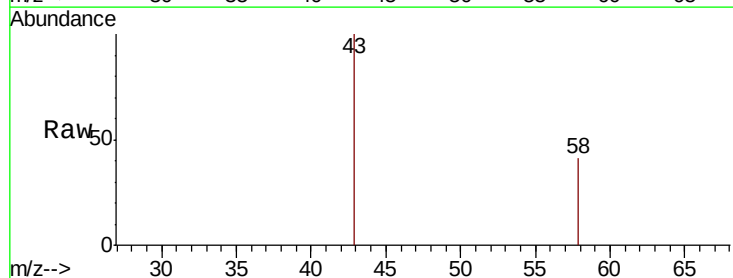
Instrument :
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C0AW4

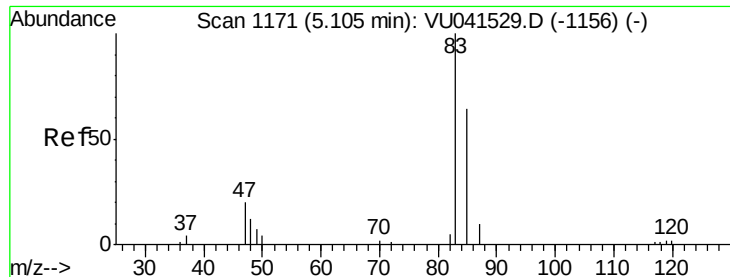
Tot Ion: 64 Resp: 73
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 1.168 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU041548.D
Acq: 10 Dec 2020 20:08

Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 6.6 0.0 50.0

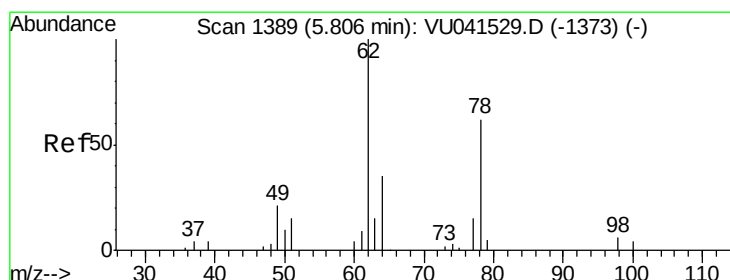
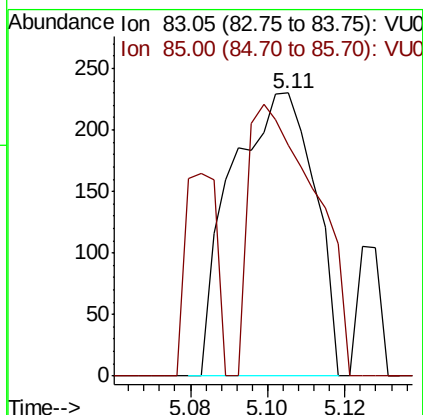
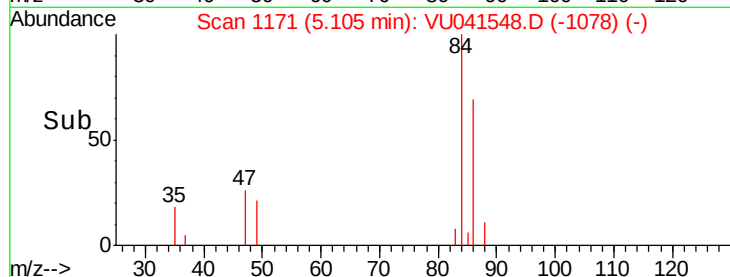
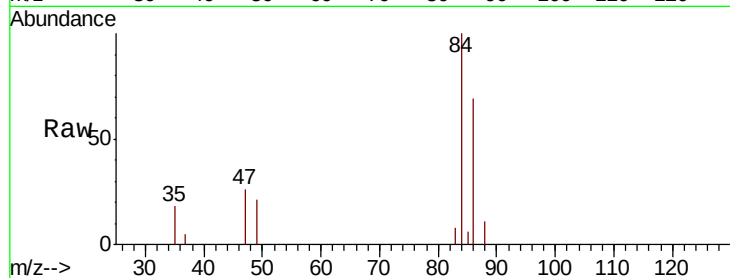




#25
Chloroform
Concen: 0.071 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041548.D
Acq: 10 Dec 2020 20:08

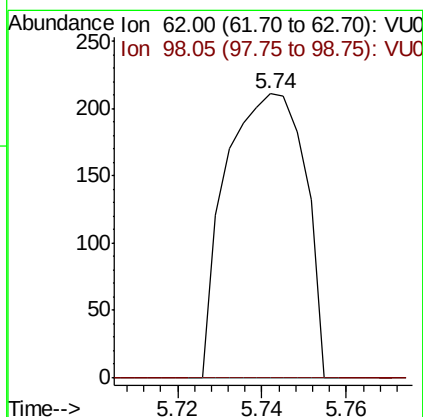
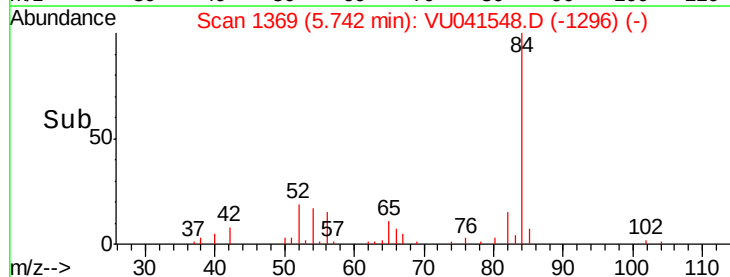
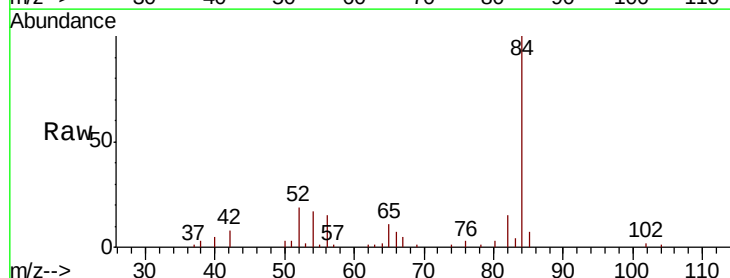
Instrument :
MSVOA_U
ClientSampleId :
C0AW4

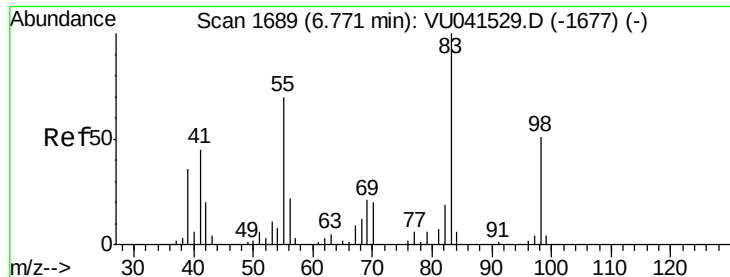
Tot Ion: 83 Resp: 343
Ion Ratio Lower Upper
83 100
85 81.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041548.D
Acq: 10 Dec 2020 20:08

Tgt Ion: 62 Resp: 273
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

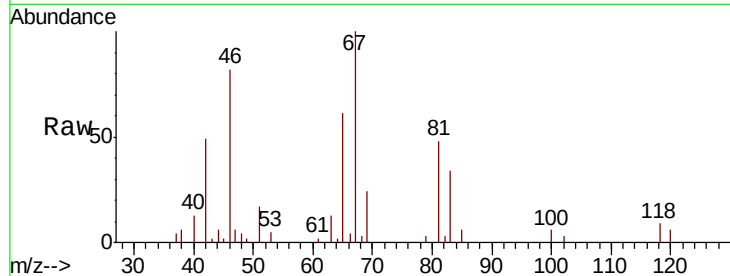




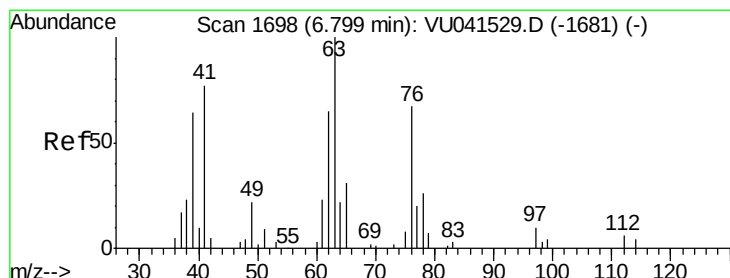
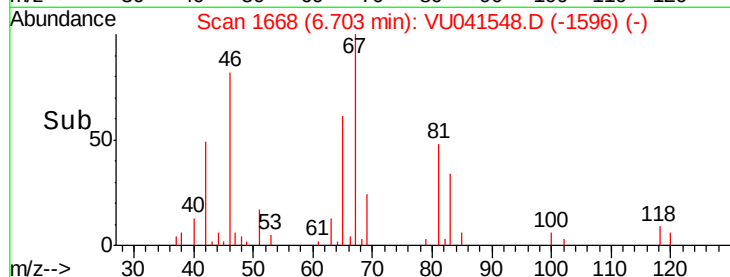
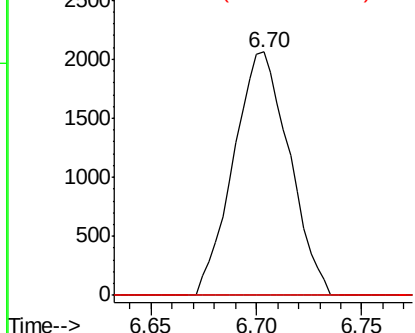
#35
Methylvlcyclohexane
Concen: 1.069 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041548.D
Acq: 10 Dec 2020 20:08

Instrument :
MSVOA_U
ClientSampled :
C0AW4

Tot Ion: 83 Resp: 3783
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

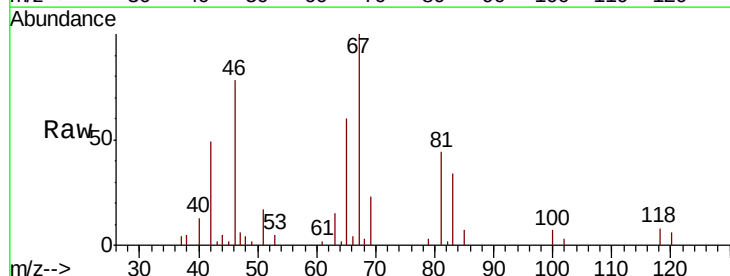


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

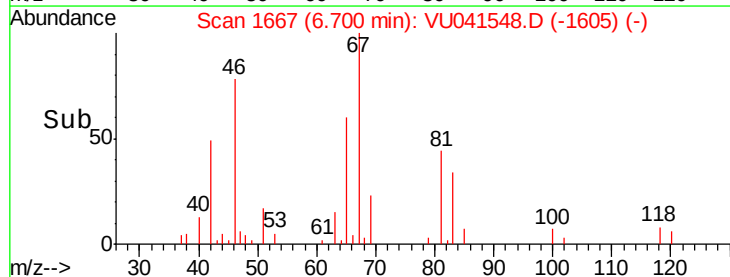
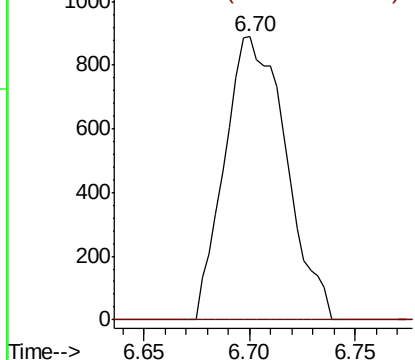


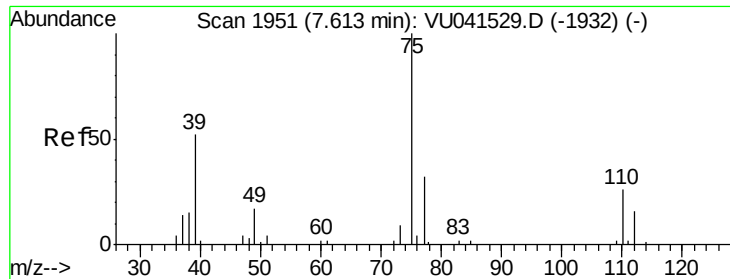
#37
1,2-Dichloropropane
Concen: 0.893 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041548.D
Acq: 10 Dec 2020 20:08

Tgt Ion: 63 Resp: 1798
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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

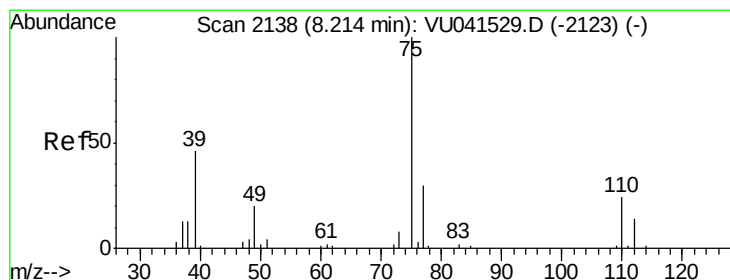
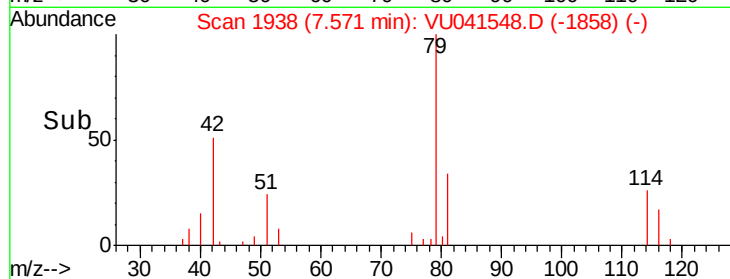
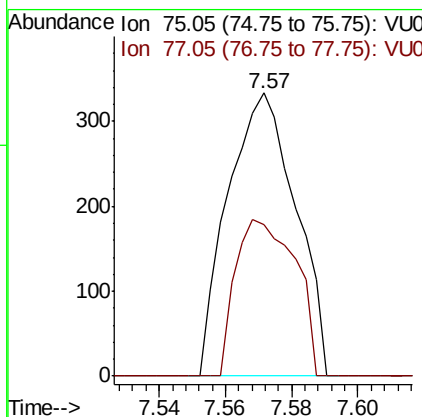
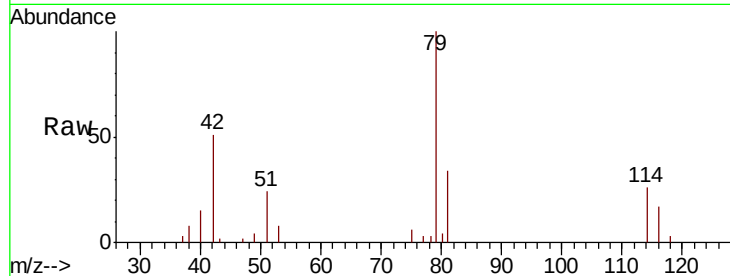




#39
 cis-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041548.D
 Acq: 10 Dec 2020 20:08

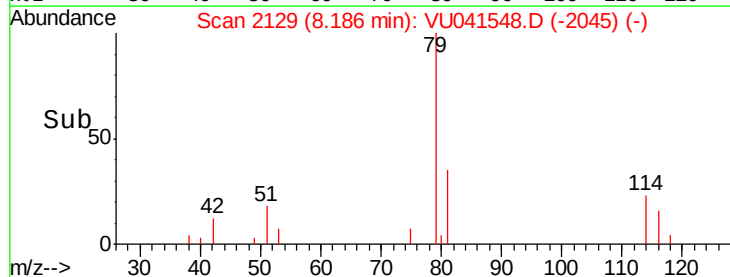
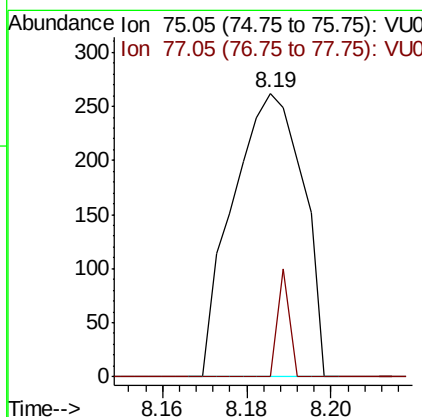
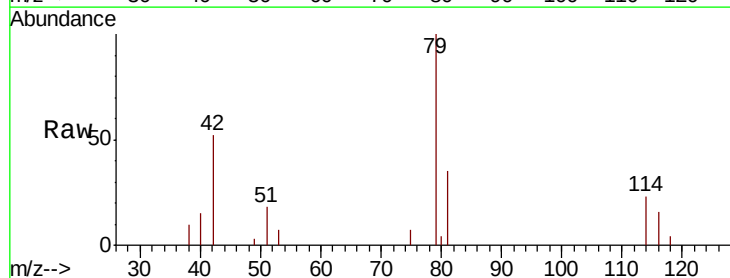
Instrument :
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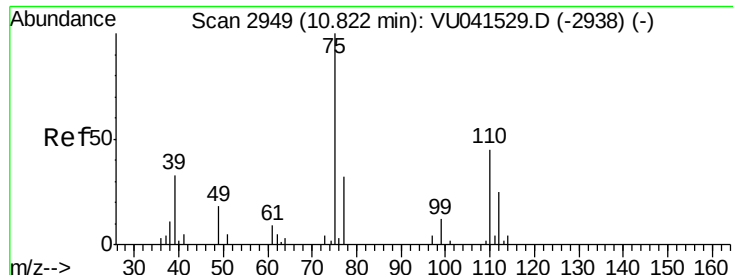
Tot Ion: 75 Resp: 473
 Ion Ratio Lower Upper
 75 100
 77 53.5 24.0 44.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041548.D
 Acq: 10 Dec 2020 20:08

Tgt Ion: 75 Resp: 302
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.7 42.3#





#59

1,2,3-Trichloropropane

Concen: 0.888 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041548.D

Acq: 10 Dec 2020 20:08

Instrument :

MSVOA_U

ClientSampleId :

C0AW4

Tot Ion: 75 Resp: 1734

Ion Ratio Lower Upper

75 100

77 43.8 26.3 39.5#

