

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010921\
 Data File : VU041902.D
 Acq On : 08 Jan 2021 14:01
 Operator : SY/MD
 Sample : M1027-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 01:34:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128767	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57330	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34957	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.92	69	38346	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.58	63	55504	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.65	46	148647	51.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.08	84	92090	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.72	65	50999	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	170716	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	56111	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.90	98	140298	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.19	79	20634	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.64	63	136007	45.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55107	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	57066	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

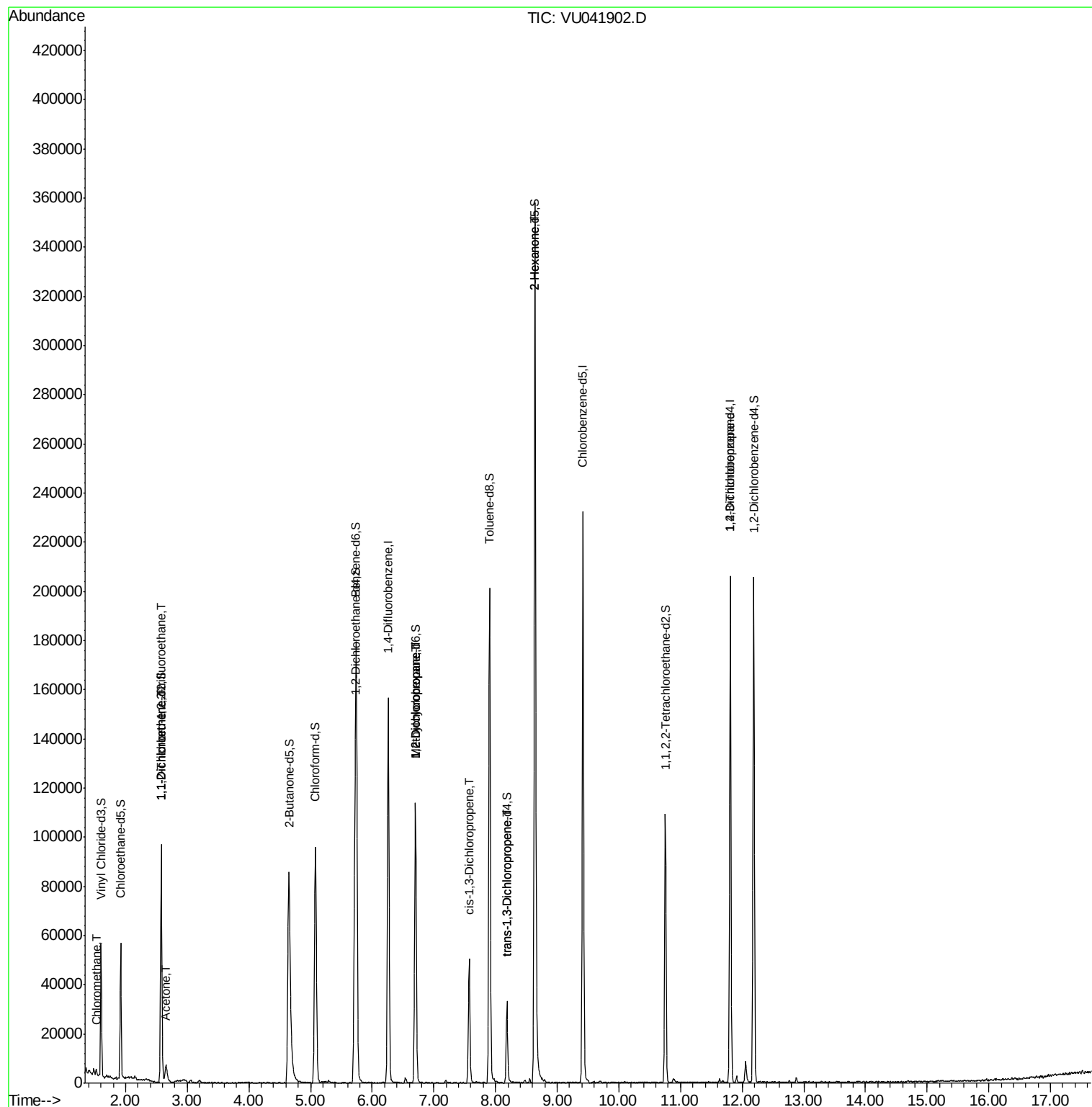
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	1623	0.153	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	475	0.054	ug/L #	22
12) 1,1-Dichloroethene	2.57	96	490	0.056	ug/L #	1
13) Acetone	2.66	43	12776	6.946	ug/L	61
35) Methylcyclohexane	6.70	83	13248	0.752	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6015	0.543	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1341	0.082	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	814	0.055	ug/L	86
48) 2-Hexanone	8.64	43	15637	2.724	ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	6396	0.768	ug/L	100

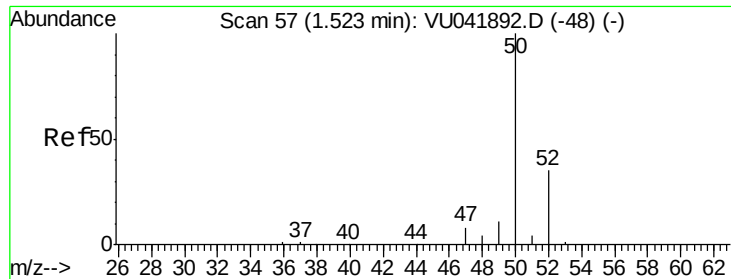
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041902.D

Acq: 08 Jan 2021 14:01

Instrument :

MSVOA_U

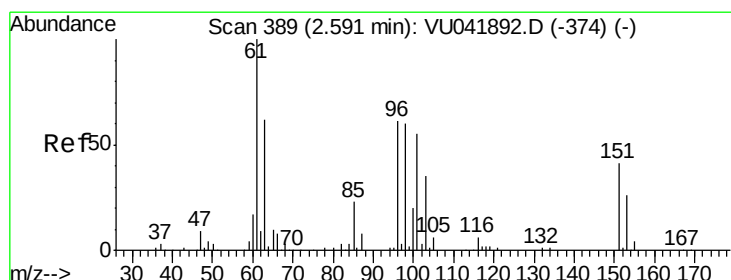
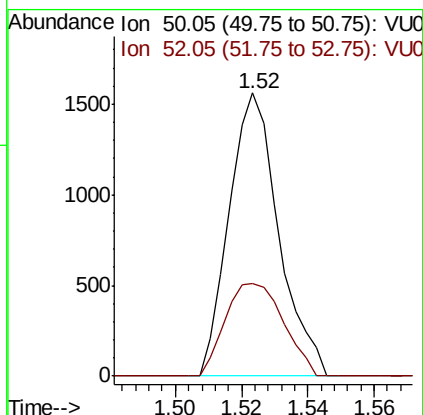
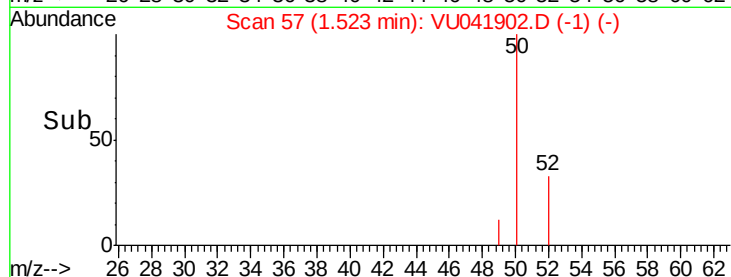
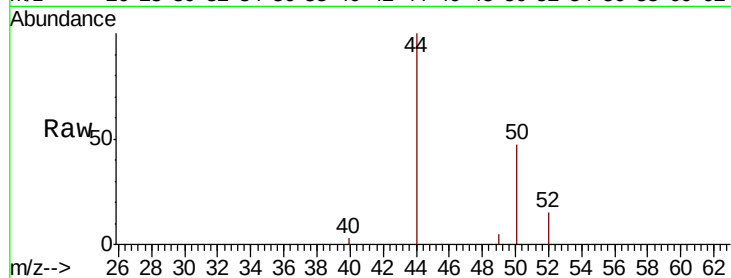
ClientSampleId :

Tot Ion: 50 Resp: 1623

Ion Ratio Lower Upper

50 100

52 32.9 24.1 44.8



#10

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

Concen: 0.054 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041902.D

Acq: 08 Jan 2021 14:01

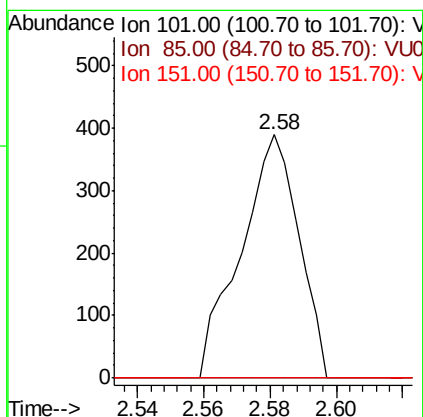
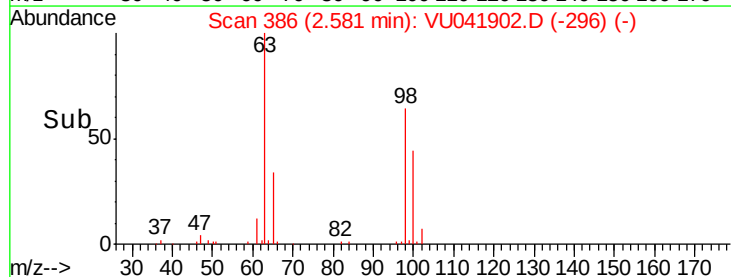
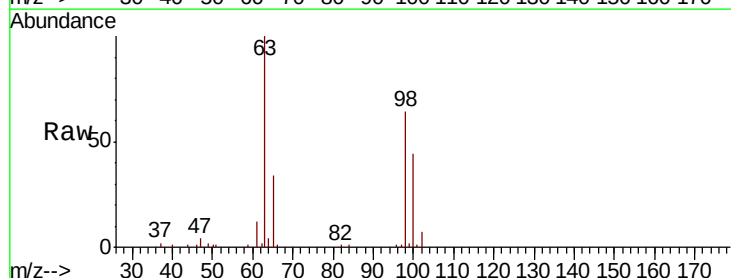
Tgt Ion: 101 Resp: 475

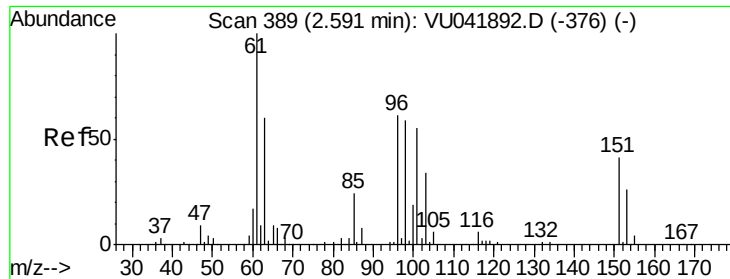
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#

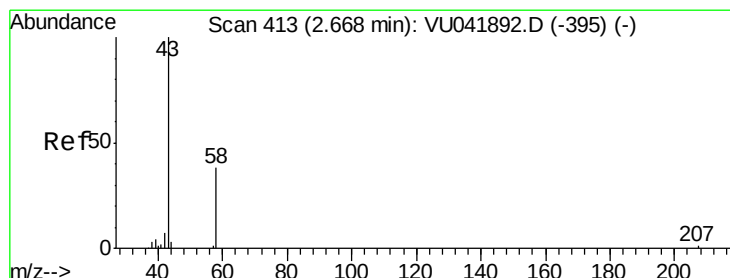
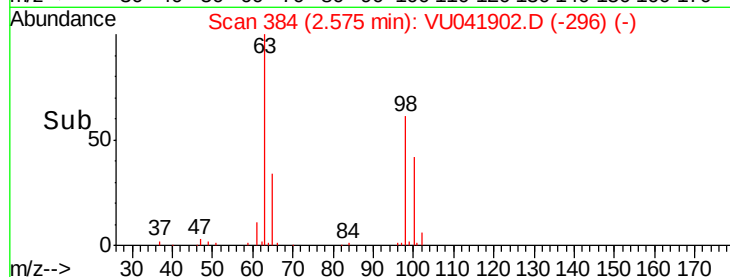
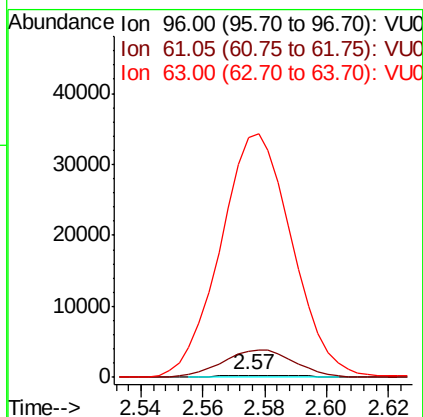
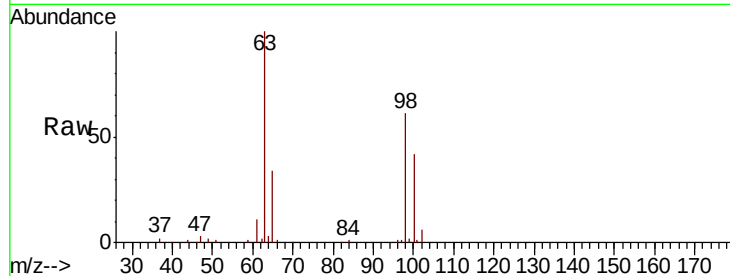




#12
 1,1-Dichloroethene
 Concen: 0.056 ug/L
 RT: 2.57 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VU041902.D
 Acq: 08 Jan 2021 14:01

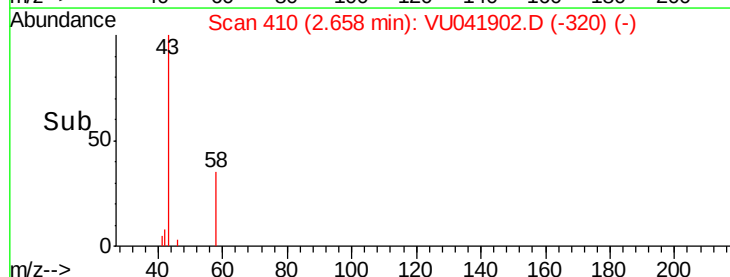
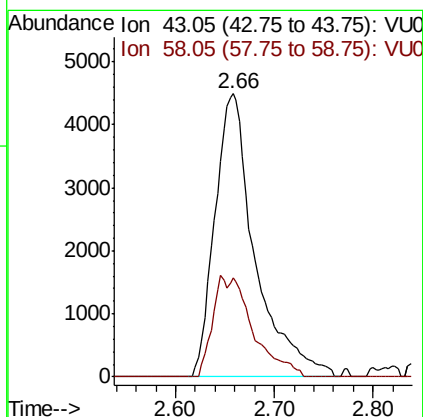
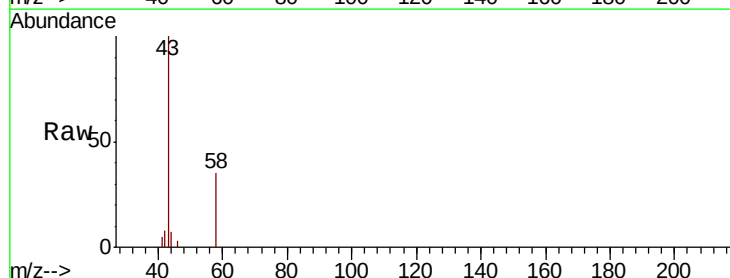
Instrument :
 MSVOA_U
 ClientSampleId :

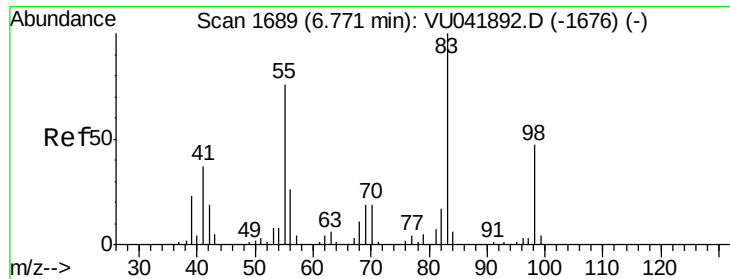
Tot Ion: 96 Resp: 490
 Ion Ratio Lower Upper
 96 100
 61 1289.8 123.8 230.0#
 63 11876.1 81.0 150.4#



#13
 Acetone
 Concen: 6.946 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU041902.D
 Acq: 08 Jan 2021 14:01

Tgt Ion: 43 Resp: 12776
 Ion Ratio Lower Upper
 43 100
 58 13.4 0.0 73.2

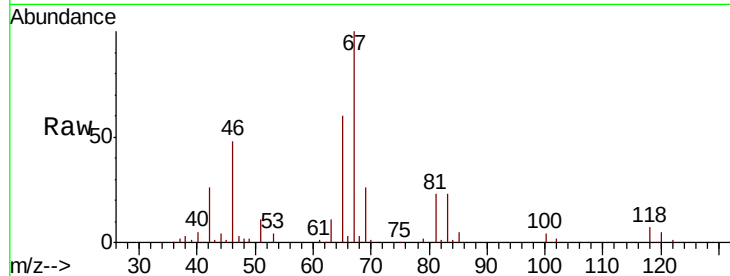




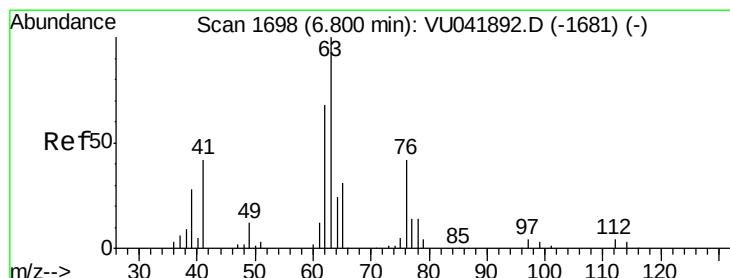
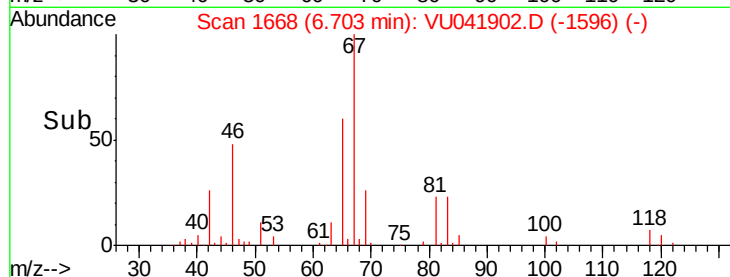
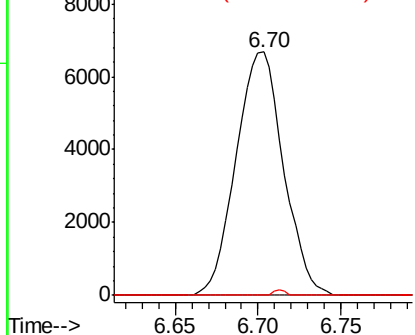
#35
Methylvlcyclohexane
Concen: 0.752 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041902.D
Acq: 08 Jan 2021 14:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83.15	Resp	13248
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.6	36.6	54.8#

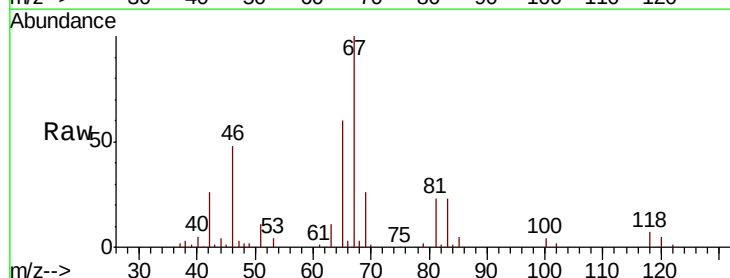


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

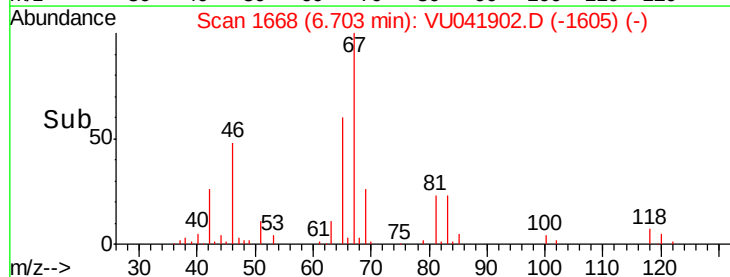
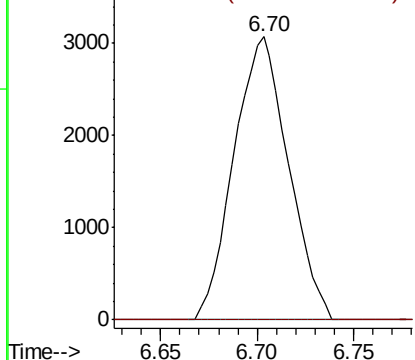


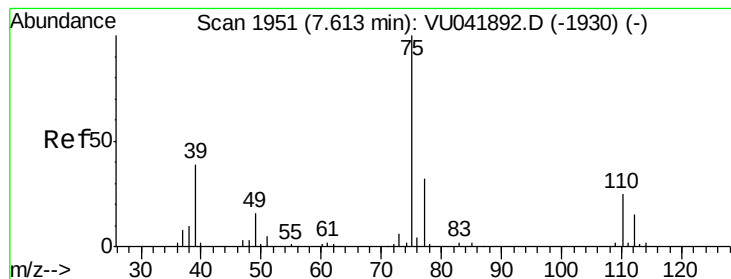
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041902.D
Acq: 08 Jan 2021 14:01

Tgt Ion	63	Resp	6015
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



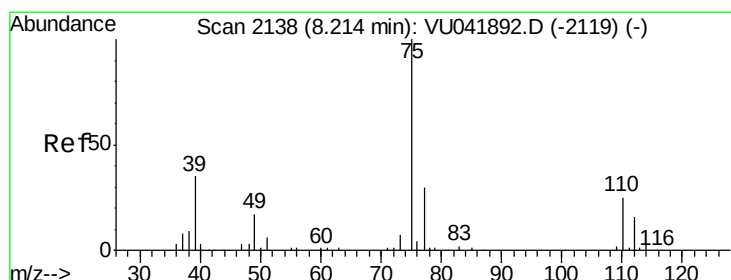
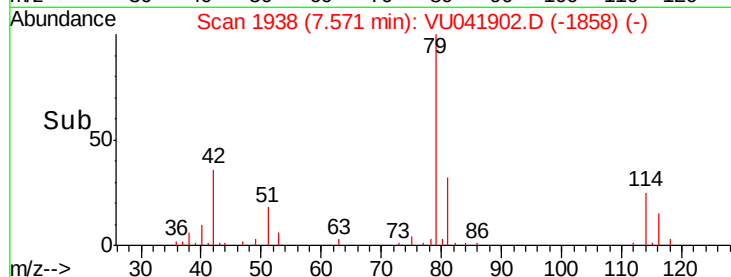
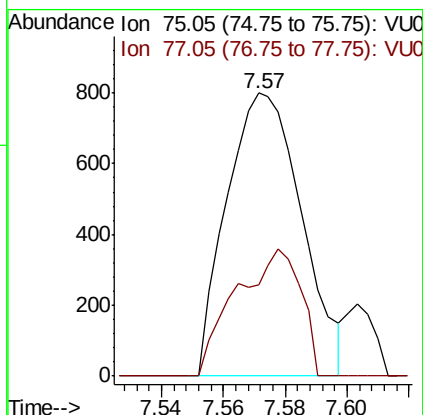
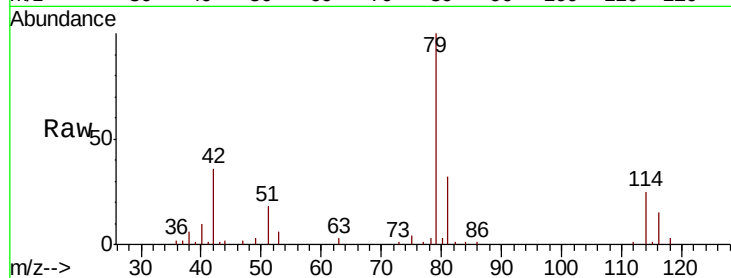


#39

cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041902.D
Acq: 08 Jan 2021 14:01

Instrument :
MSVOA_U
ClientSampleId :

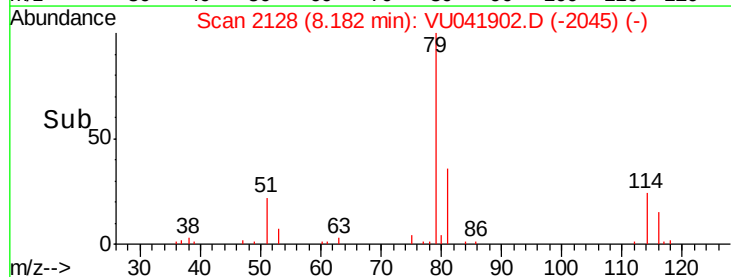
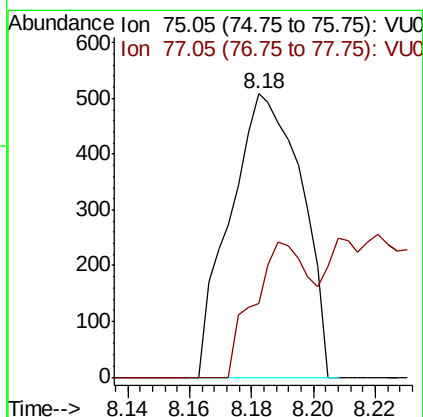
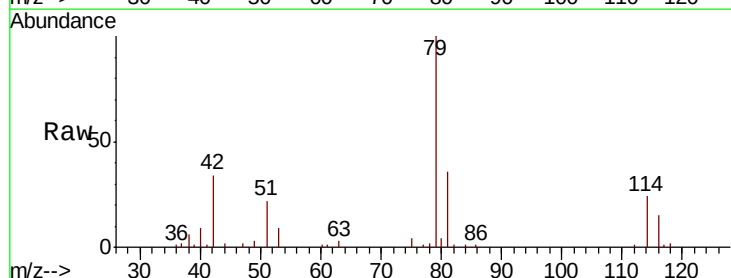
Tot Ion: 75 Resp: 1341
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.3

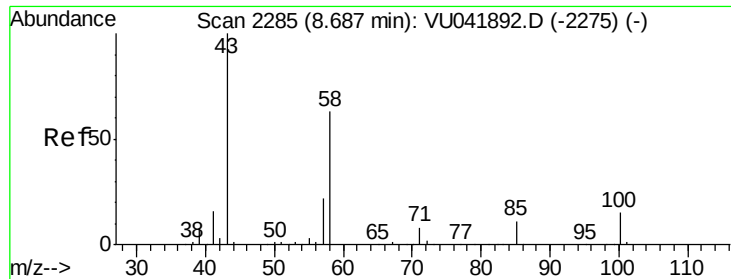


#44

trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041902.D
Acq: 08 Jan 2021 14:01

Tgt Ion: 75 Resp: 814
Ion Ratio Lower Upper
75 100
77 25.8 23.8 44.2

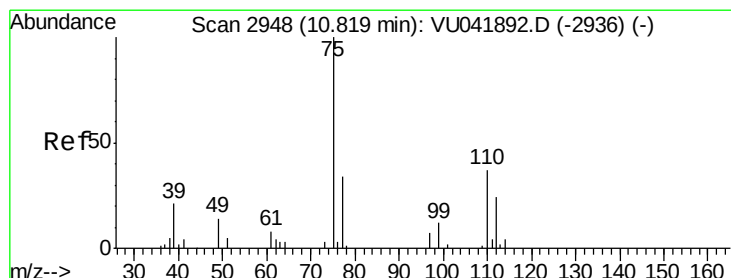
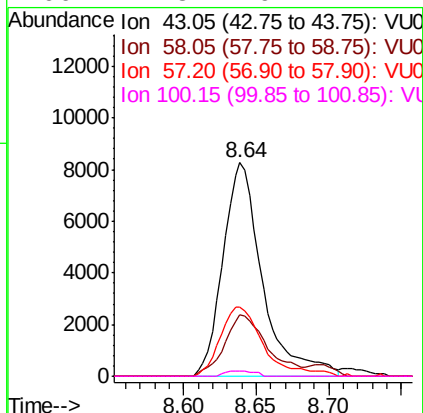
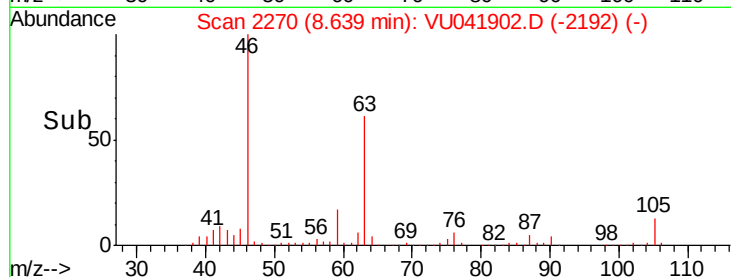
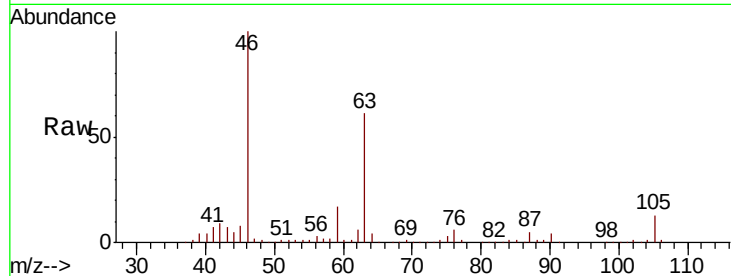




#48
2-Hexanone
Concen: 2.724 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041902.D
Acq: 08 Jan 2021 14:01

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 15637
Ion Ratio Lower Upper
43 100
58 31.3 47.9 71.9#
57 35.5 16.5 24.7#
100 1.8 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.768 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041902.D
Acq: 08 Jan 2021 14:01

Tgt Ion: 75 Resp: 6396
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2

