

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041678.D
 Acq On : 18 Dec 2020 14:38
 Operator : SY/MD
 Sample : L5142-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB0

Quant Time: Dec 19 04:14:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112204	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49831	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34187	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	31262	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	51033	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.66	46	137776	54.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.36%
24) Chloroform-d	5.08	84	71975	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	42443	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	139443	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	45619	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.90	98	123243	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.18	79	20255	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.64	63	121881	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44339	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45117	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

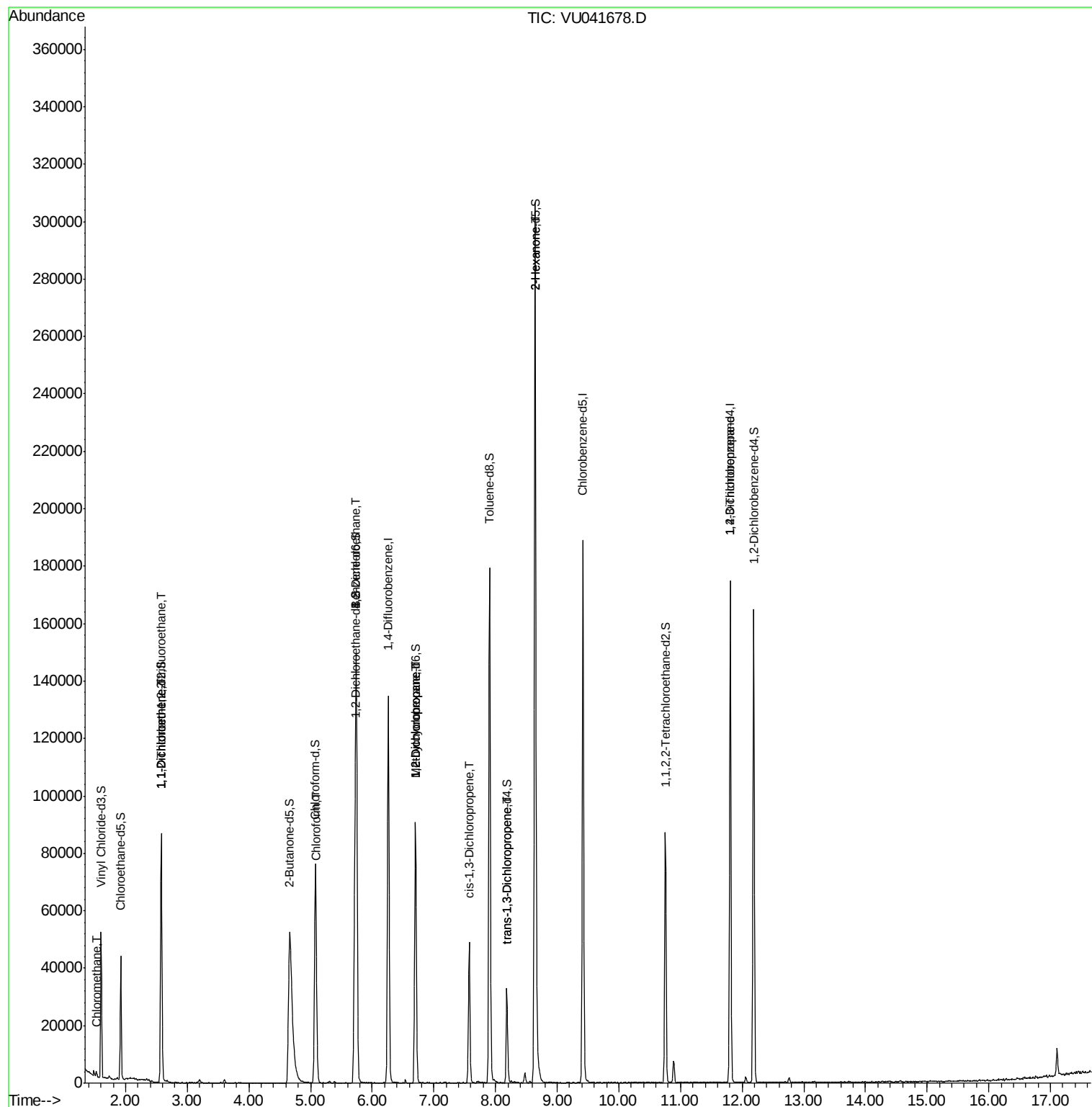
					Ovalue
3) Chloromethane	1.52	50	1247	0.135 ug/L #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	373	0.048 ug/L #	22
12) 1,1-Dichloroethene	2.57	96	423	0.056 ug/L #	1
25) Chloroform	5.10	83	1920	0.130 ug/L	98
27) 1,2-Dichloroethane	5.74	62	729	0.073 ug/L #	73
35) Methylcyclohexane	6.70	83	10529	0.750 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4849	0.548 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1069	0.082 ug/L #	30
44) trans-1,3-Dichloropropene	8.18	75	731	0.062 ug/L #	51
48) 2-Hexanone	8.64	43	13886	3.031 ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	5484	0.825 ug/L	100

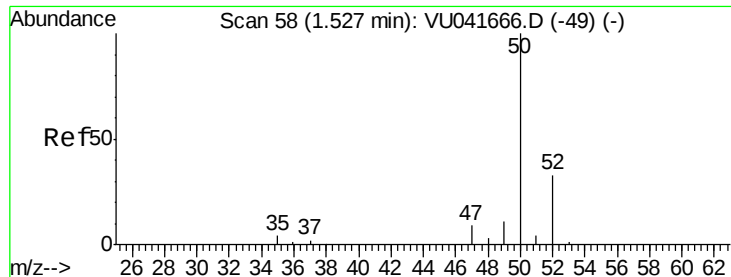
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.135 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041678.D

Acq: 18 Dec 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

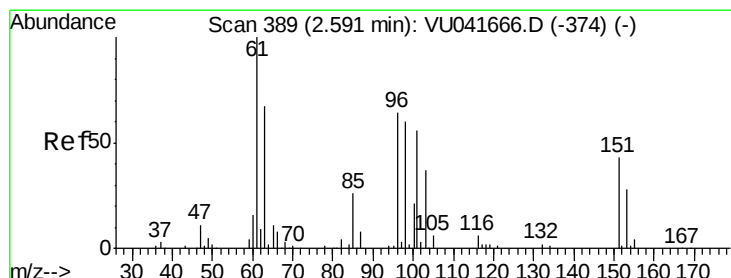
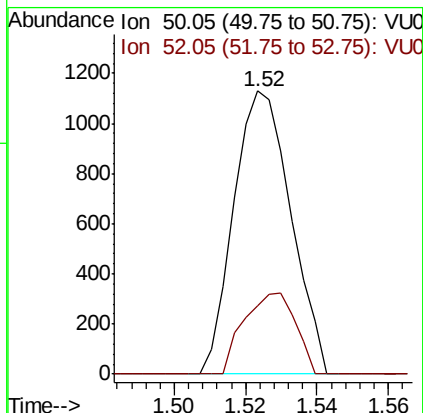
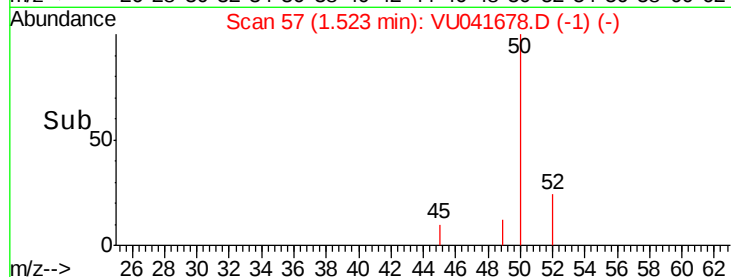
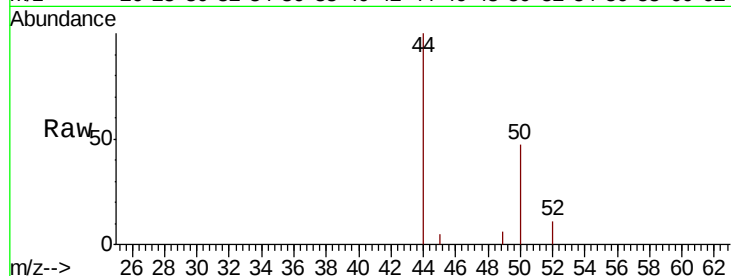
ETZB0

Tot Ion: 50 Resp: 1247

Ion Ratio Lower Upper

50 100

52 24.0 24.1 44.8#



#10

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

Concen: 0.048 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041678.D

Acq: 18 Dec 2020 14:38

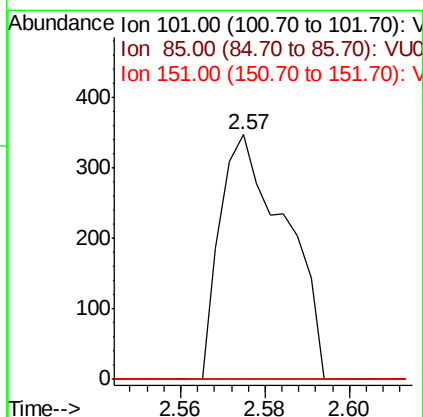
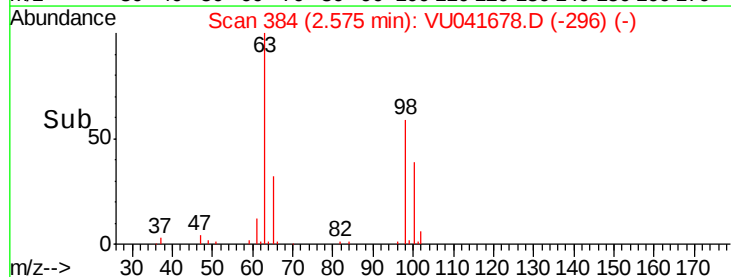
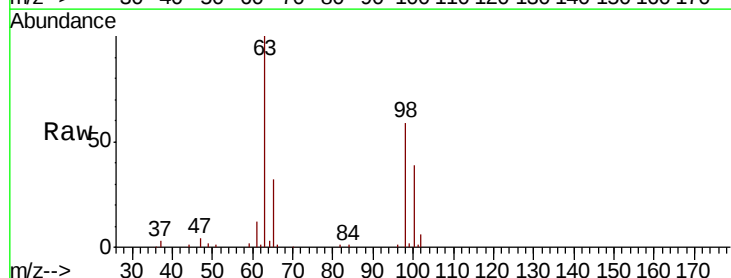
Tgt Ion:101 Resp: 373

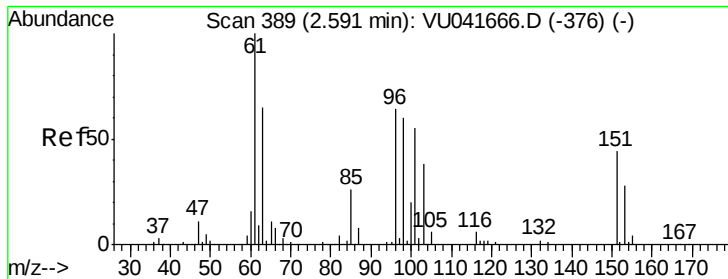
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#

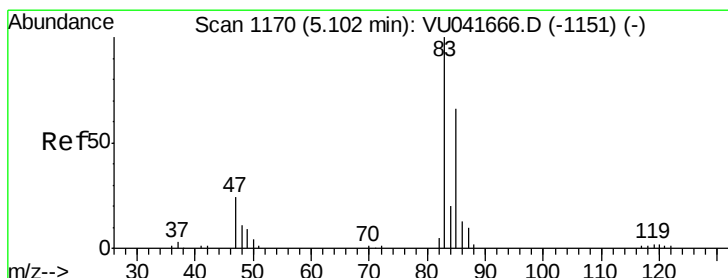
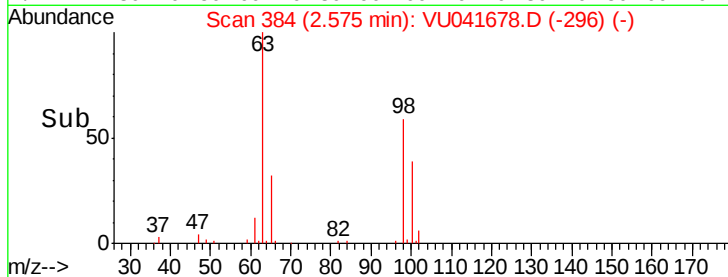
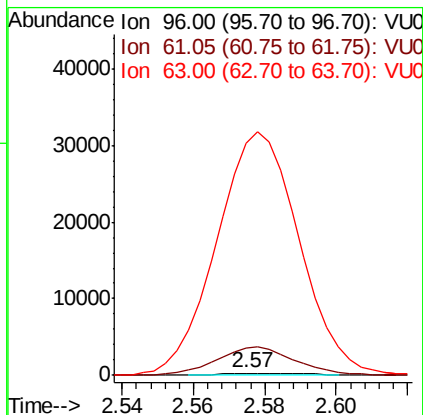
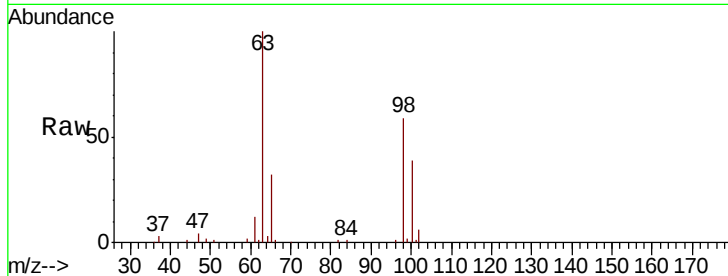




#12
 1,1-Dichloroethene
 Concen: 0.056 ug/L
 RT: 2.57 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VU041678.D
 Acq: 18 Dec 2020 14:38

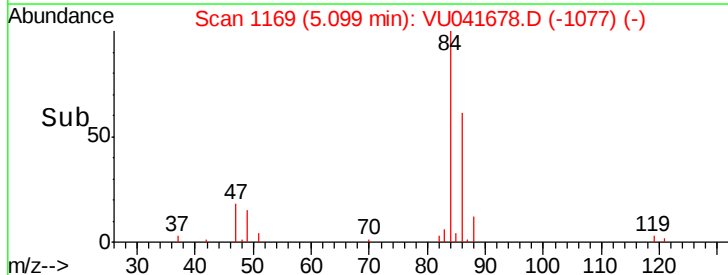
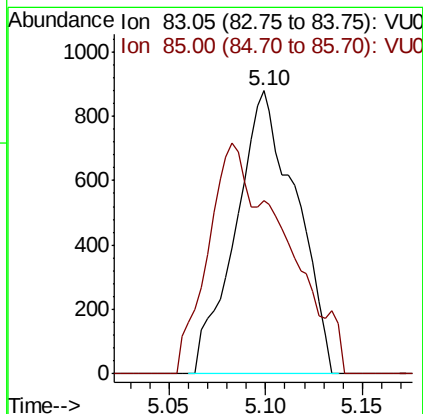
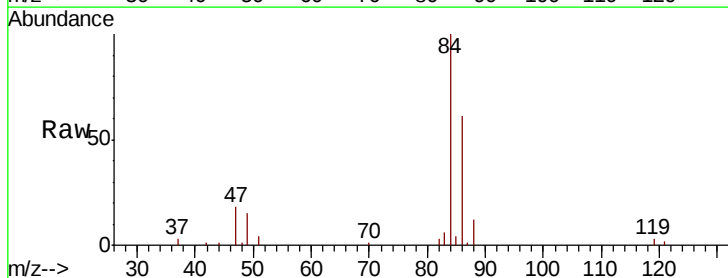
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB0

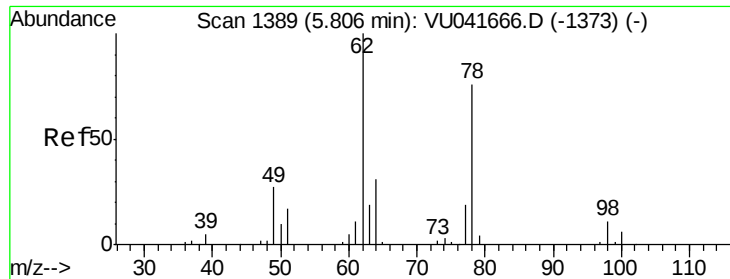
Tot Ion: 96 Resp: 423
 Ion Ratio Lower Upper
 96 100
 61 1253.6 123.8 230.0#
 63 10460.9 81.0 150.4#



#25
 Chloroform
 Concen: 0.130 ug/L
 RT: 5.10 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: VU041678.D
 Acq: 18 Dec 2020 14:38

Tgt Ion: 83 Resp: 1920
 Ion Ratio Lower Upper
 83 100
 85 61.4 44.2 82.0

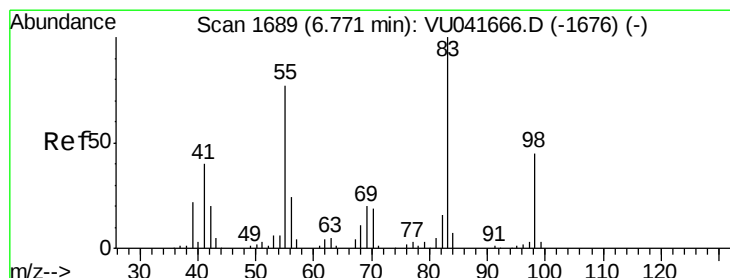
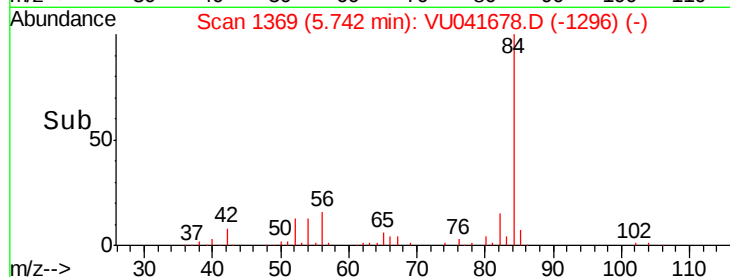
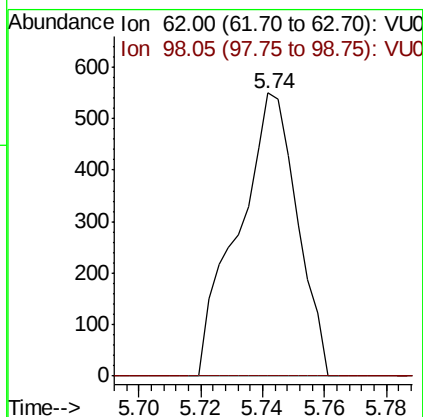
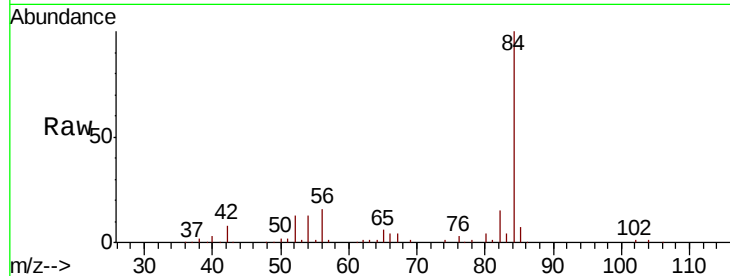




#27
 1,2-Dichloroethane
 Concen: 0.073 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041678.D
 Acq: 18 Dec 2020 14:38

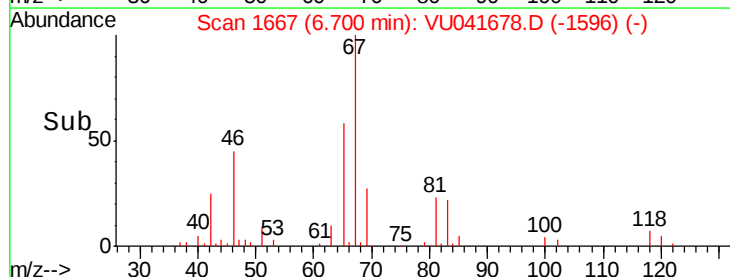
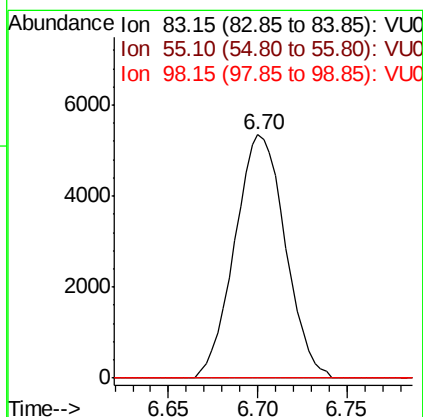
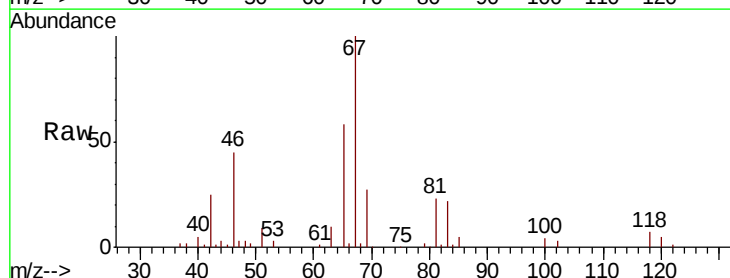
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB0

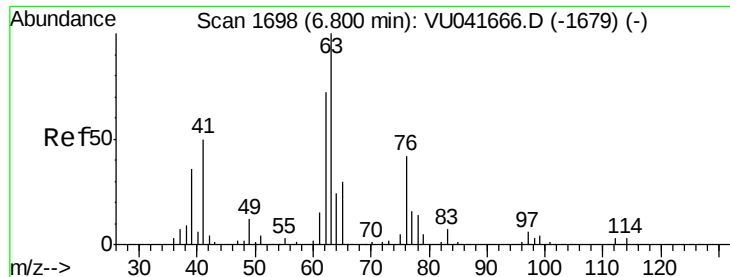
Tot Ion: 62 Resp: 729
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.750 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041678.D
 Acq: 18 Dec 2020 14:38

Tgt Ion: 83 Resp: 10529
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.9 36.6 54.8#

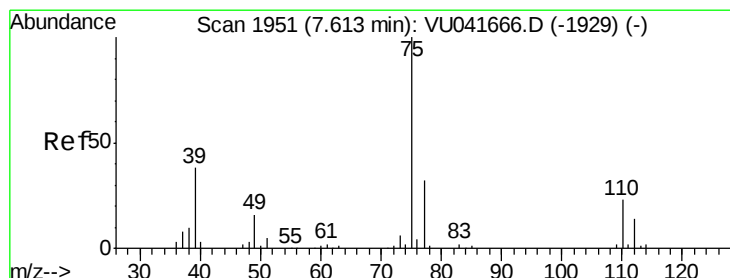
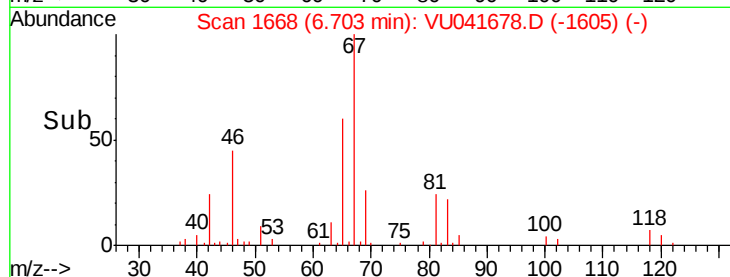
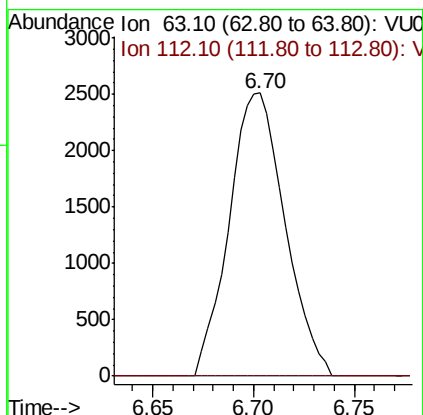
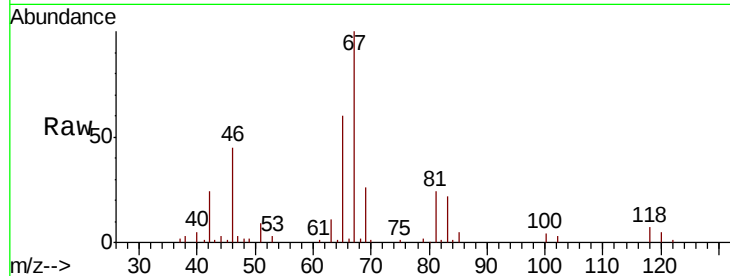




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041678.D
 Acq: 18 Dec 2020 14:38

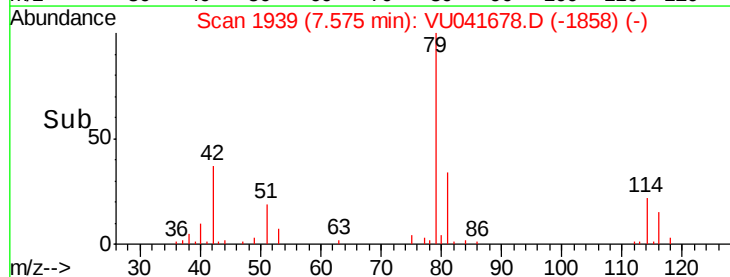
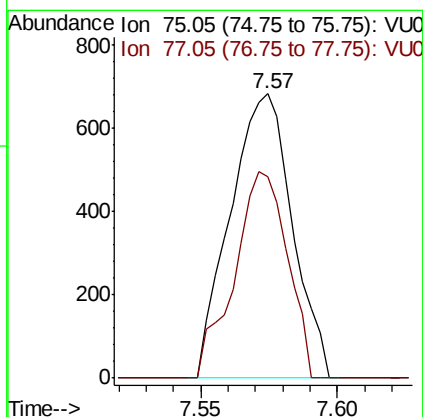
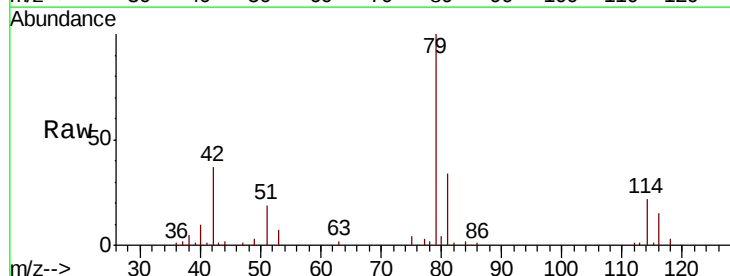
Instrument :
 MSVOA_U
 ClientSampleID :
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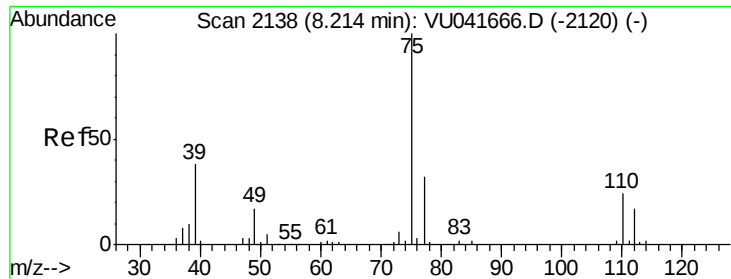
Tot Ion: 63 Resp: 4849
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041678.D
 Acq: 18 Dec 2020 14:38

Tgt Ion: 75 Resp: 1069
 Ion Ratio Lower Upper
 75 100
 77 70.8 22.3 41.3#

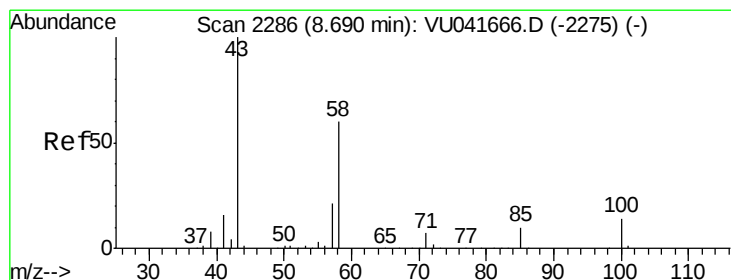
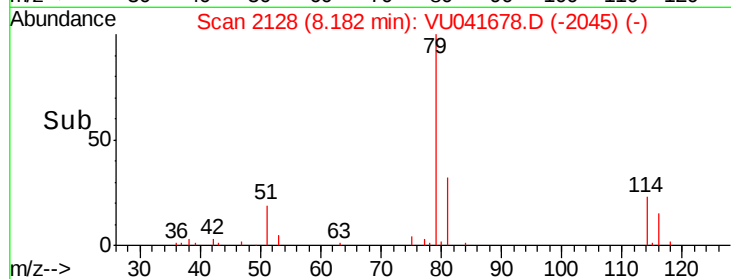
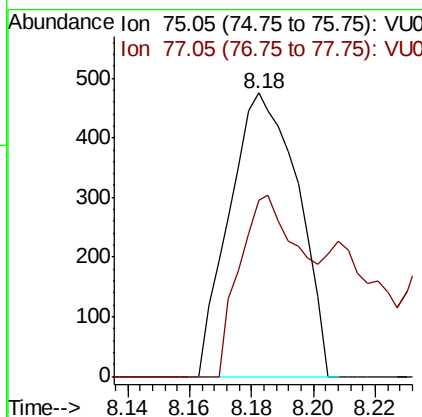
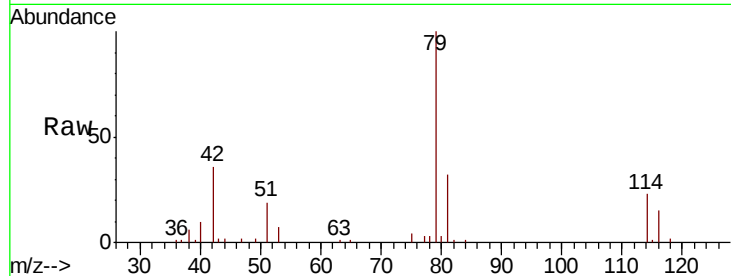




#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041678.D
Acq: 18 Dec 2020 14:38

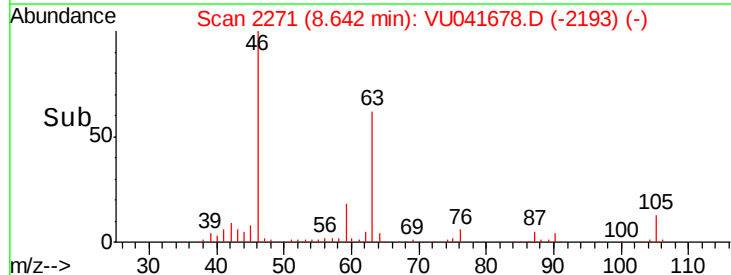
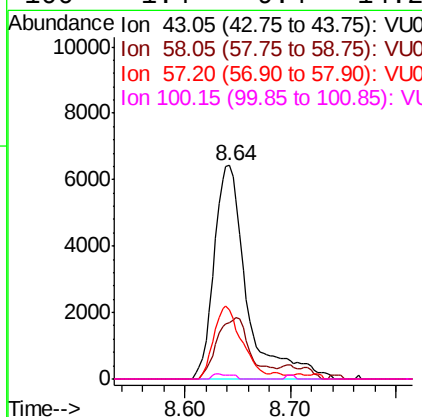
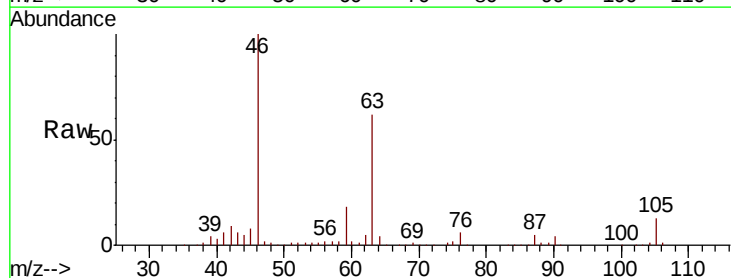
Instrument :
MSVOA_U
ClientSampled :
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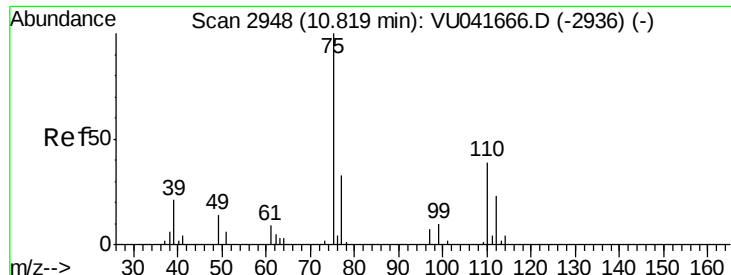
Tot Ion: 75 Resp: 731
Ion Ratio Lower Upper
75 100
77 62.3 23.8 44.2#



#48
2-Hexanone
Concen: 3.031 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041678.D
Acq: 18 Dec 2020 14:38

Tgt Ion: 43 Resp: 13886
Ion Ratio Lower Upper
43 100
58 29.1 47.9 71.9#
57 28.9 16.5 24.7#
100 1.4 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.825 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041678.D

Acq: 18 Dec 2020 14:38

Instrument :

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ClientSampleId :

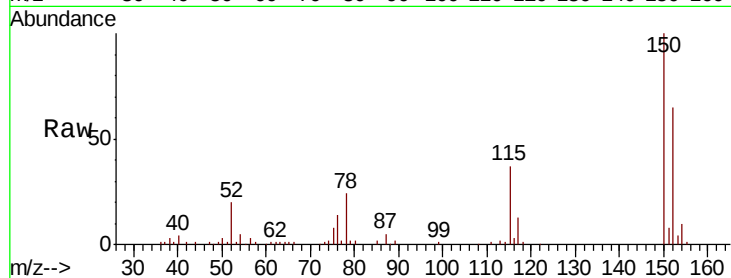
ETZB0

Tot Ion: 75 Resp: 5484

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

