

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041672.D
 Acq On : 18 Dec 2020 12:15
 Operator : SY/MD
 Sample : L5143-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB2

Quant Time: Dec 19 04:13:49 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	108713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47814	5.00	ug/L	0.00

System Monitoring Compounds

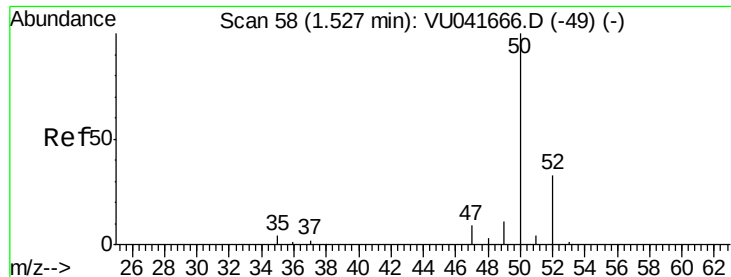
4) Vinyl Chloride-d3	1.60	65	34498	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	33339	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	53020	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.65	46	141224	57.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.70%
24) Chloroform-d	5.08	84	70830	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	42163	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.74	84	141752	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	45469	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.90	98	130676	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.18	79	20223	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	125163	53.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45741	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	46567	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	674	0.075	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	509	0.068	ug/L #	22
25) Chloroform	5.11	83	1715	0.119	ug/L	81
27) 1,2-Dichloroethane	5.74	62	768	0.079	ug/L #	73
34) Trichloroethene	6.26	95	2069	0.243	ug/L #	7
35) Methylcyclohexane	6.70	83	10364	0.752	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4471	0.515	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1112	0.086	ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	753	0.065	ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	4853	0.745	ug/L	92

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

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1



#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041672.D

Acq: 18 Dec 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

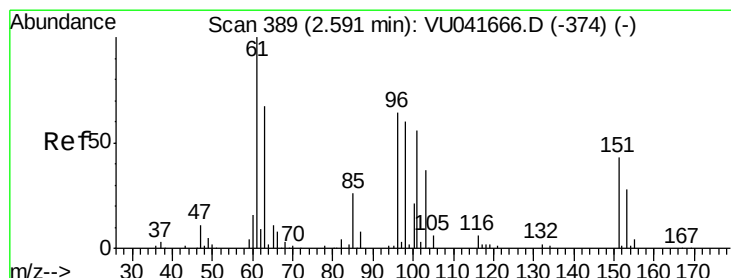
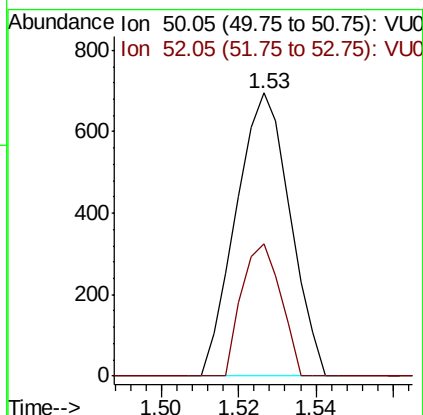
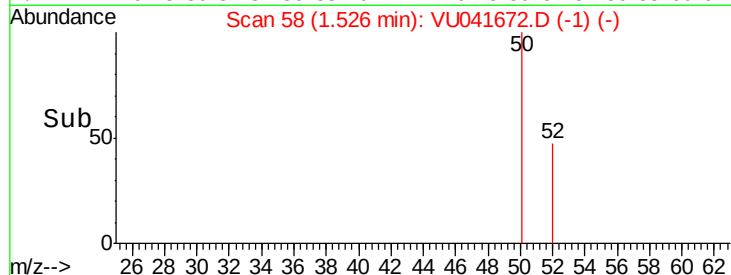
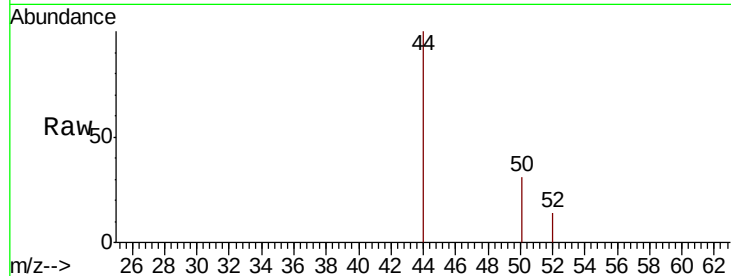
ETZB2

Tot Ion: 50 Resp: 674

Ion Ratio Lower Upper

50 100

52 46.6 24.1 44.8#



#10

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

Concen: 0.068 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041672.D

Acq: 18 Dec 2020 12:15

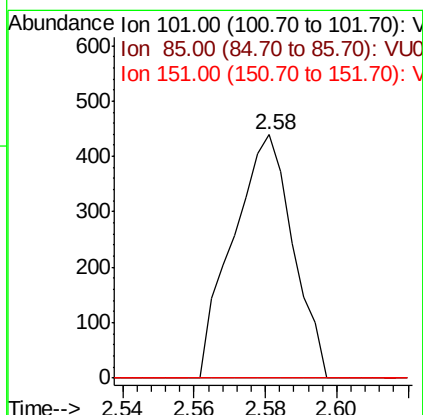
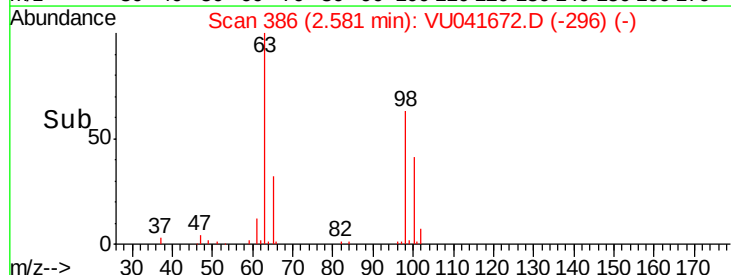
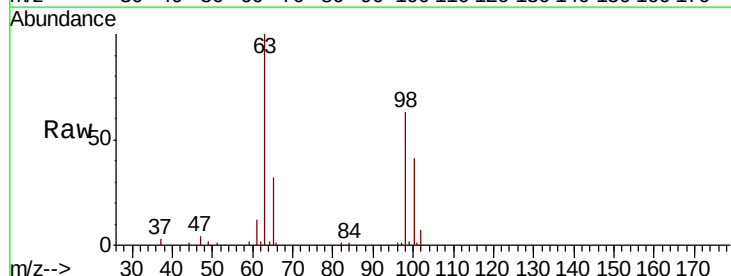
Tgt Ion: 101 Resp: 509

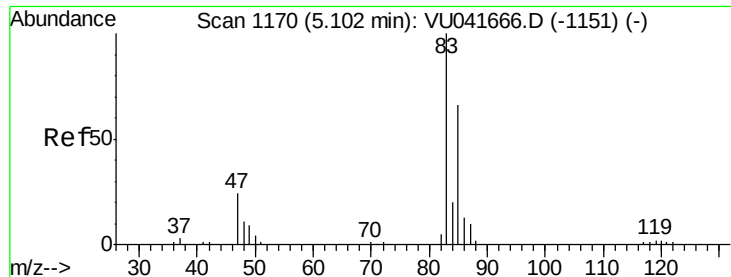
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#

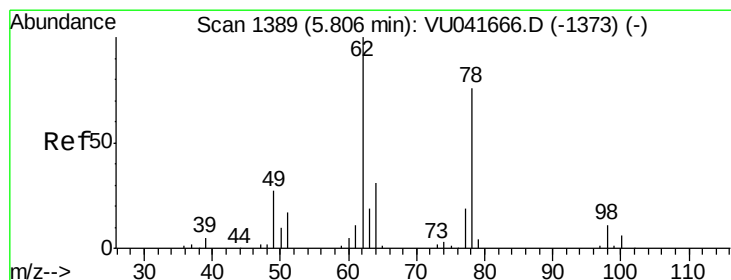
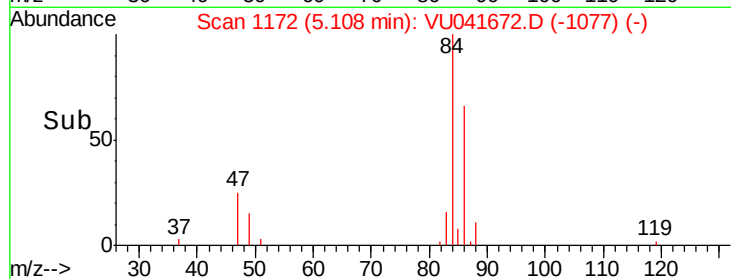
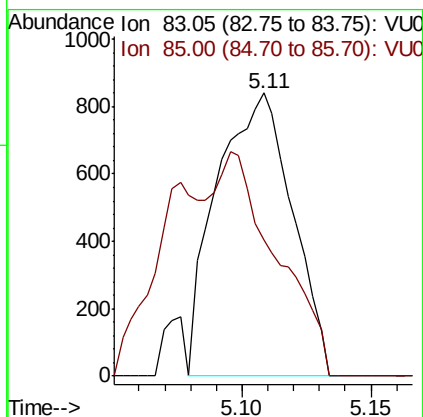
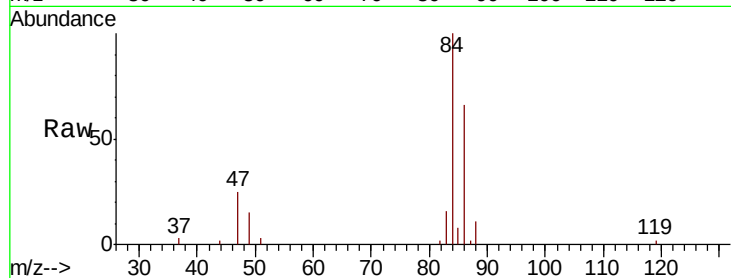




#25
Chloroform
Concen: 0.119 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041672.D
Acq: 18 Dec 2020 12:15

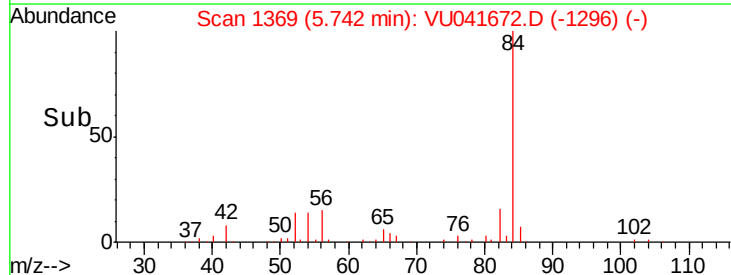
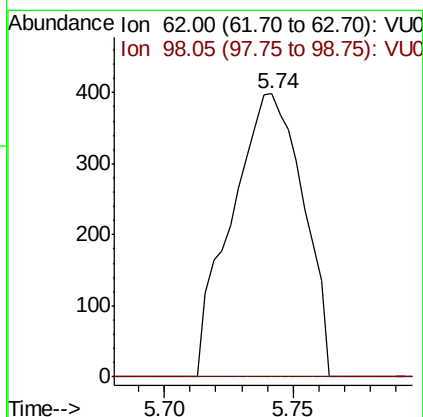
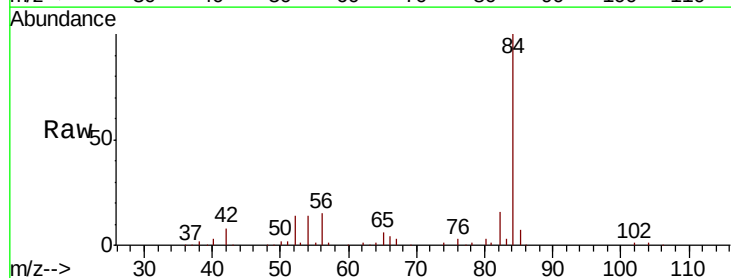
Instrument :
MSVOA_U
ClientSampleId :
ETZB2

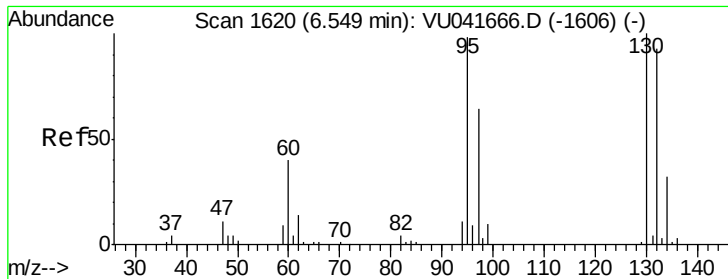
Tot Ion: 83 Resp: 1715
Ion Ratio Lower Upper
83 100
85 48.0 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041672.D
Acq: 18 Dec 2020 12:15

Tgt Ion: 62 Resp: 768
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#34

Trichloroethene

Concen: 0.243 ug/L

RT: 6.26 min Scan# 1530

Delta R.T. -0.29 min

Lab File: VU041672.D

Acq: 18 Dec 2020 12:15

Instrument :

MSVOA_U

ClientSampled :

ETZB2

Tot Ion: 95 Resp: 2069

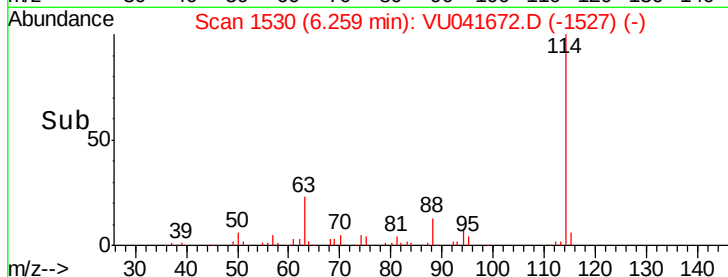
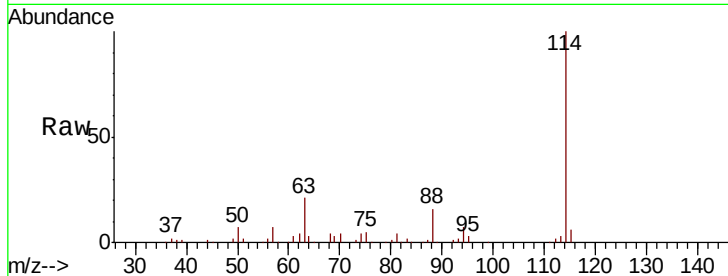
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.0 63.1 117.3#

130 0.0 67.4 125.2#

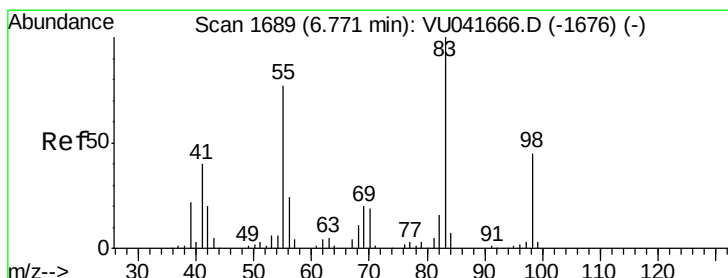
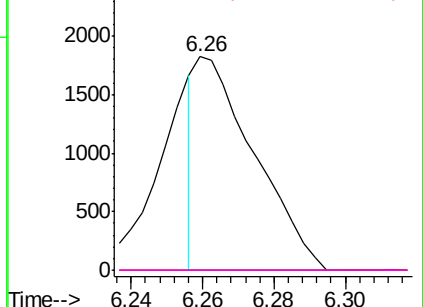


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041672.D

Acq: 18 Dec 2020 12:15

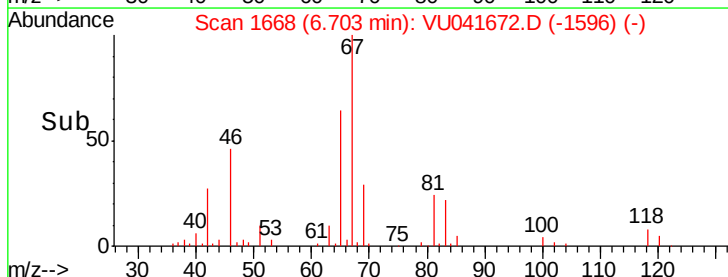
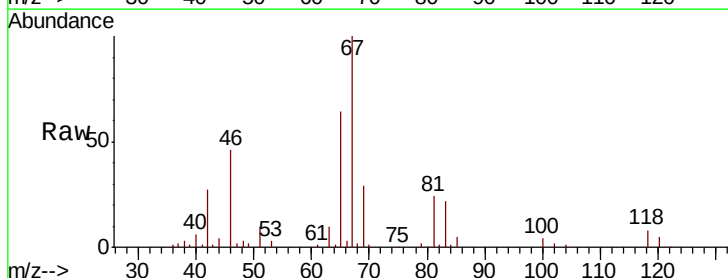
Tgt Ion: 83 Resp: 10364

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

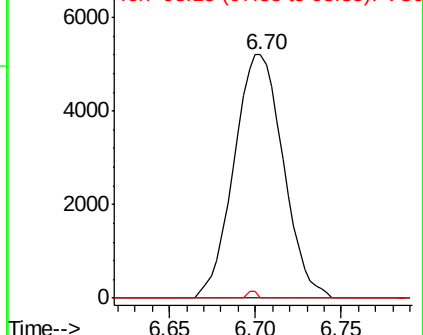
98 0.5 36.6 54.8#

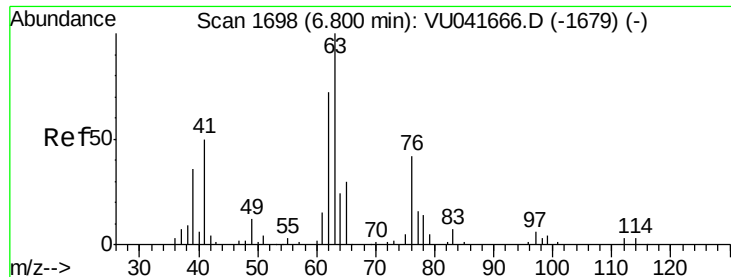


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

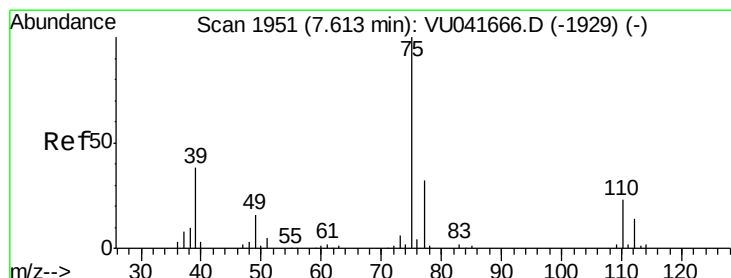
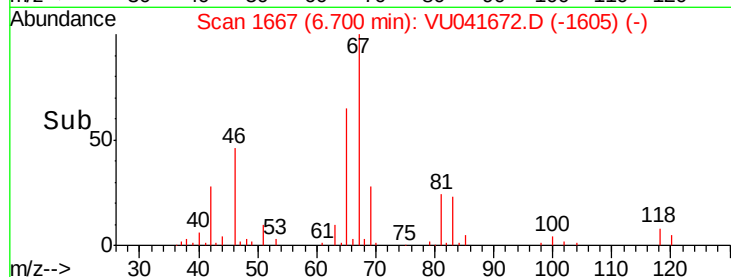
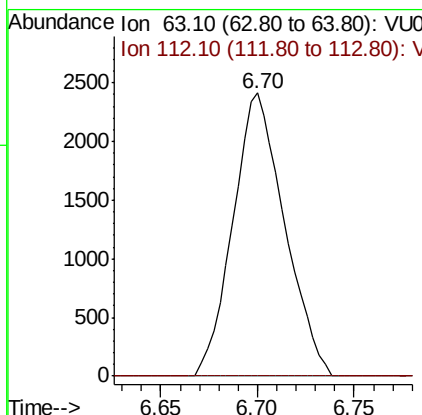
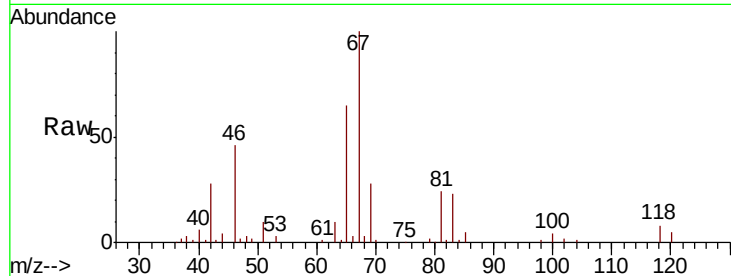




#37
 1,2-Dichloropropane
 Concen: 0.515 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041672.D
 Acq: 18 Dec 2020 12:15

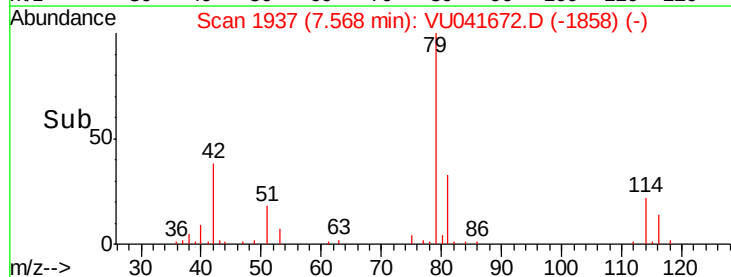
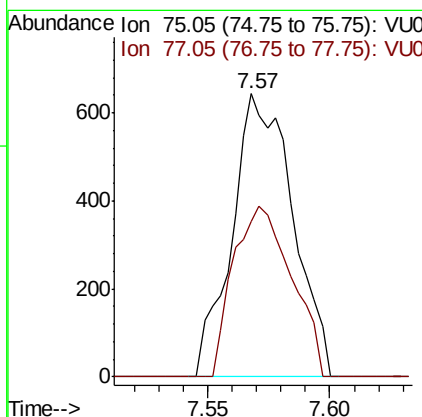
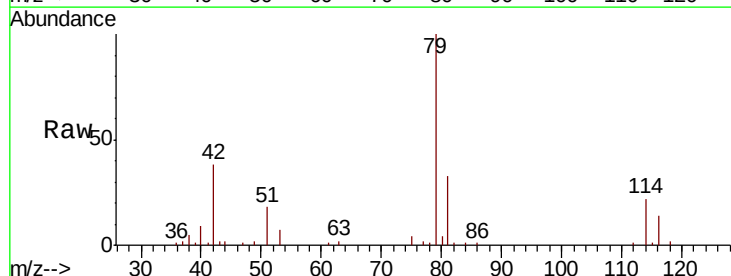
Instrument :
 MSVOA_U
 ClientSampled :
 ETZB2

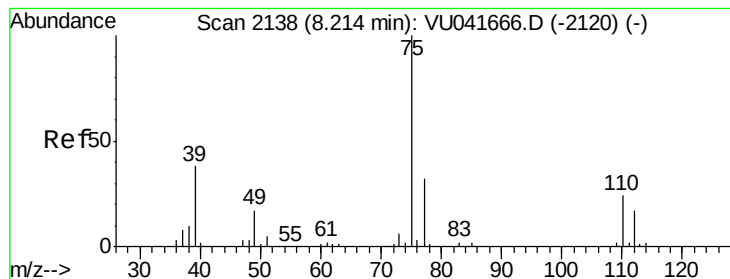
Tot Ion: 63 Resp: 4471
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU041672.D
 Acq: 18 Dec 2020 12:15

Tgt Ion: 75 Resp: 1112
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041672.D

Acq: 18 Dec 2020 12:15

Instrument :

MSVOA_U

ClientSampled :

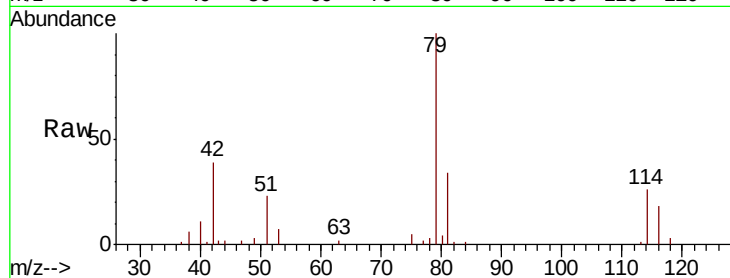
ETZB2

Tot Ion: 75 Resp: 753

Ion Ratio Lower Upper

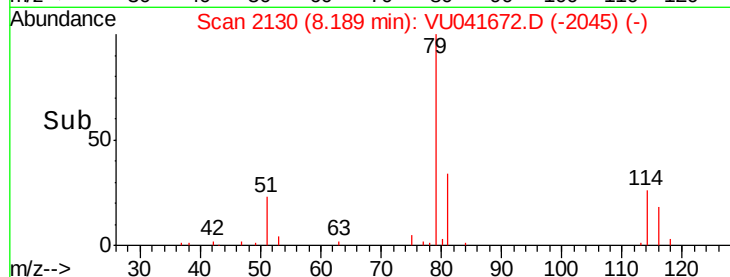
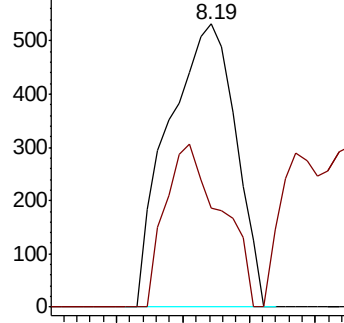
75 100

77 34.8 23.8 44.2

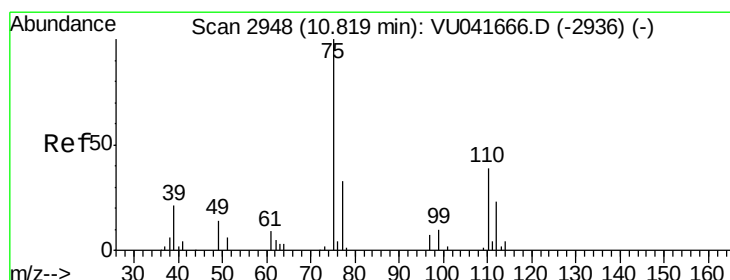


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.745 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041672.D

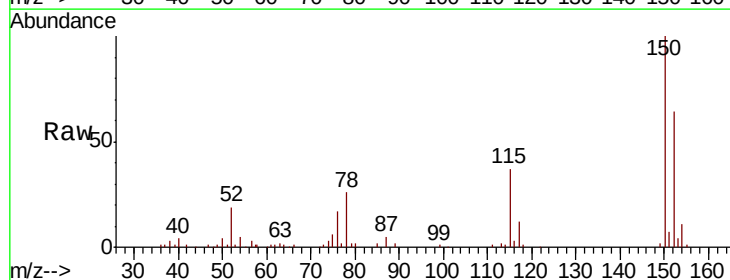
Acq: 18 Dec 2020 12:15

Tgt Ion: 75 Resp: 4853

Ion Ratio Lower Upper

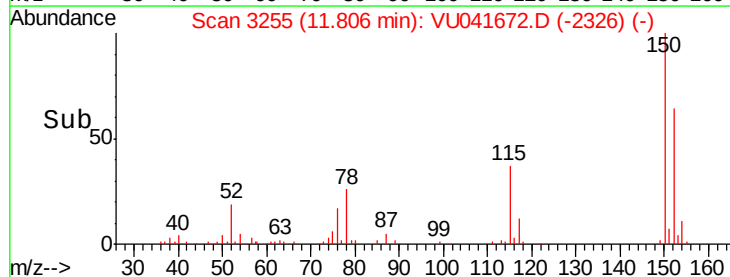
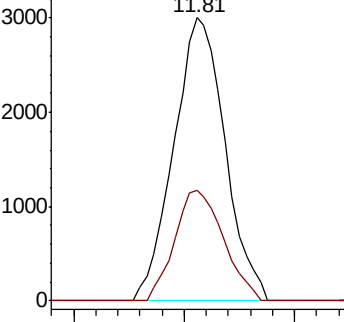
75 100

77 37.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->