

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041690.D
 Acq On : 18 Dec 2020 19:46
 Operator : SY/MD
 Sample : L5142-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB9

Quant Time: Dec 19 04:16:25 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	109794	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45791	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32734	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.92	69	32199	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	52475	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.65	46	144857	58.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.50%
24) Chloroform-d	5.08	84	76872	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.72	65	45482	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.74	84	151606	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	45762	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	119957	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.19	79	19680	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	127861	54.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47048	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47704	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

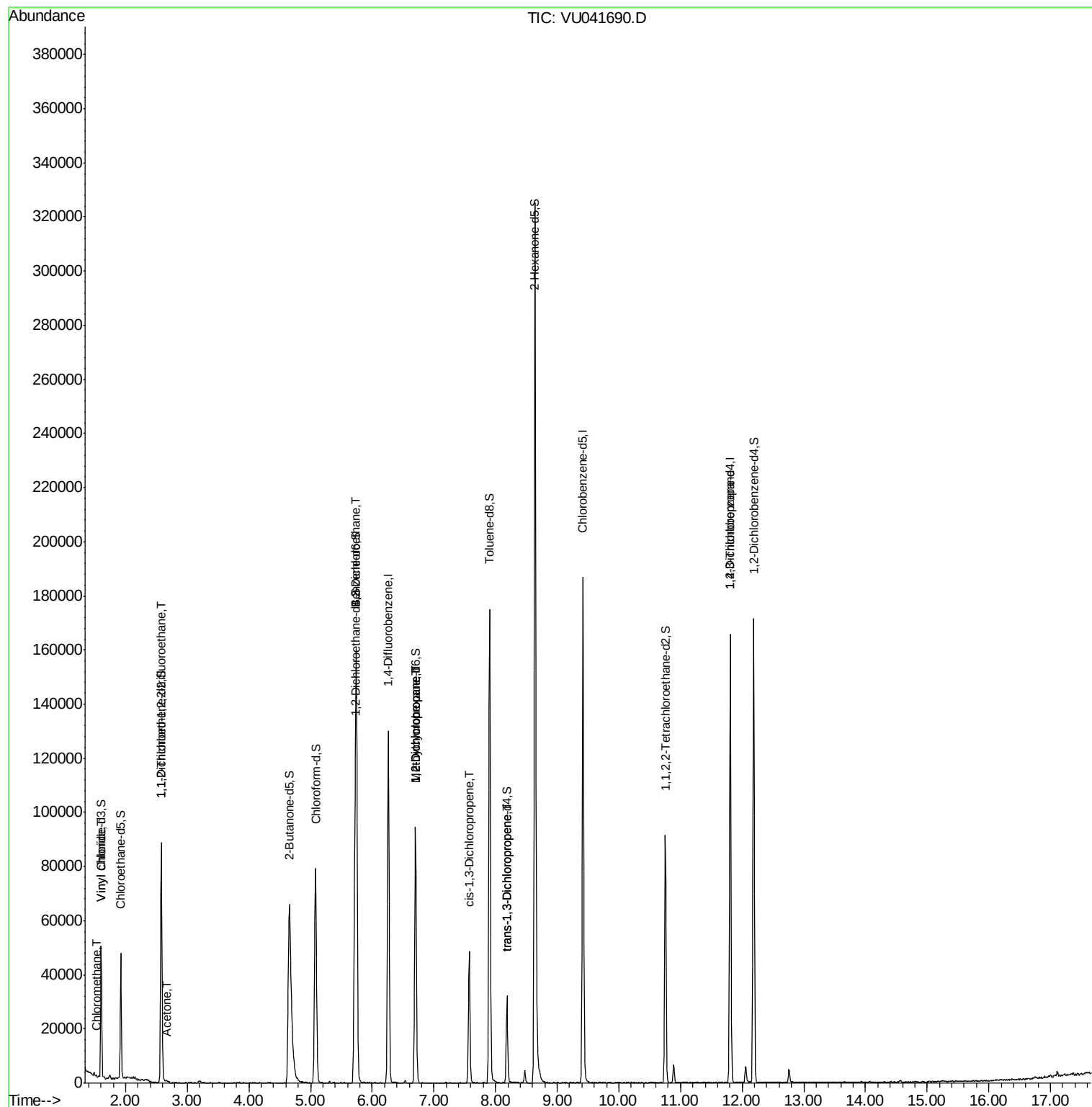
					Ovalue
3) Chloromethane	1.53	50	487	0.054 ug/L	96
5) Vinyl chloride	1.61	62	342	0.034 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	534	0.071 ug/L #	22
13) Acetone	2.67	43	1025	0.654 ug/L	55
27) 1,2-Dichloroethane	5.74	62	694	0.071 ug/L #	73
35) Methylcyclohexane	6.70	83	11108	0.803 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5188	0.595 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1092	0.085 ug/L #	76
44) trans-1,3-Dichloropropene	8.19	75	720	0.062 ug/L #	81
59) 1,2,3-Trichloropropane	11.81	75	4876	0.745 ug/L	92

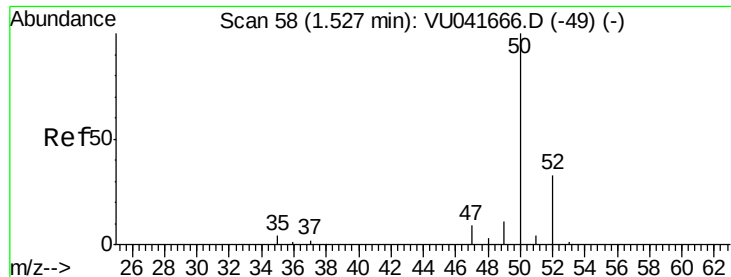
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.054 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041690.D

Acq: 18 Dec 2020 19:46

Instrument :

MSVOA_U

ClientSampleId :

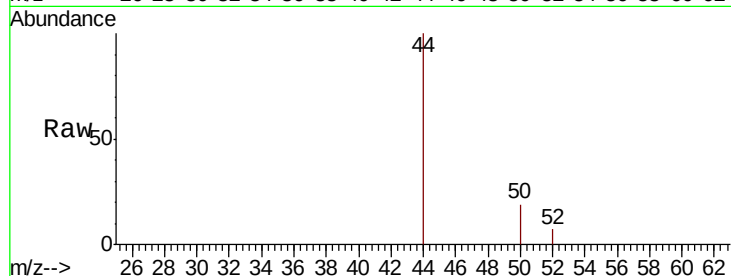
ETZB9

Tot Ion: 50 Resp: 487

Ion Ratio Lower Upper

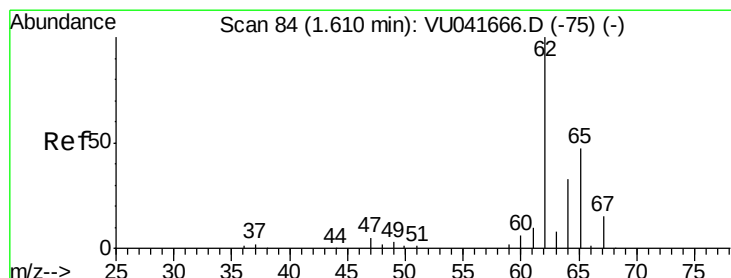
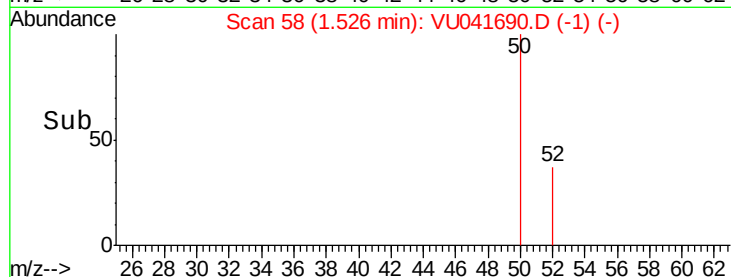
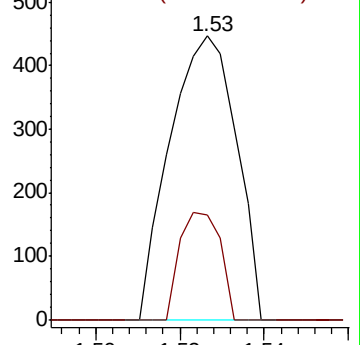
50 100

52 36.9 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.034 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041690.D

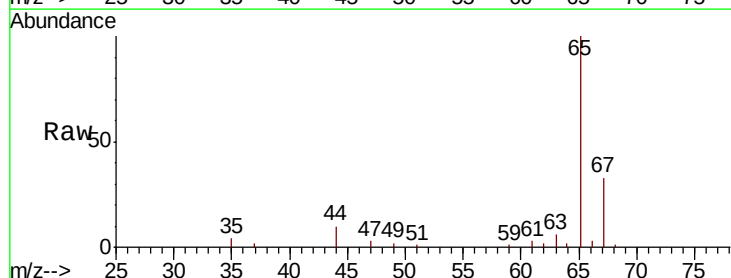
Acq: 18 Dec 2020 19:46

Tgt Ion: 62 Resp: 342

Ion Ratio Lower Upper

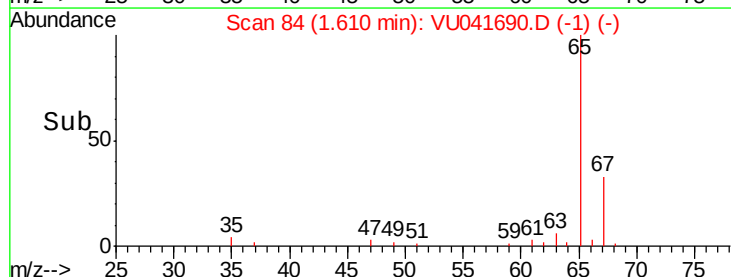
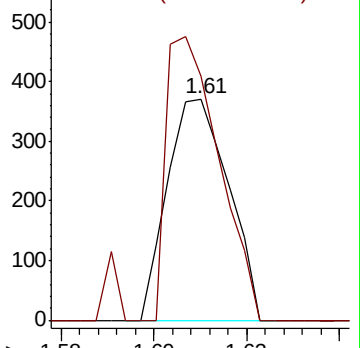
62 100

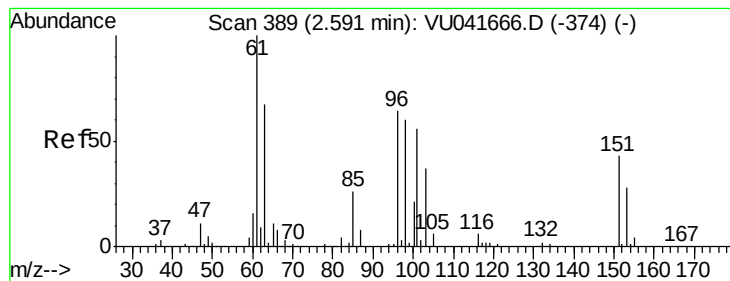
64 110.0 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#10

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

Concen: 0.071 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041690.D

Acq: 18 Dec 2020 19:46

Instrument :

MSVOA_U

ClientSampleId :

ETZB9

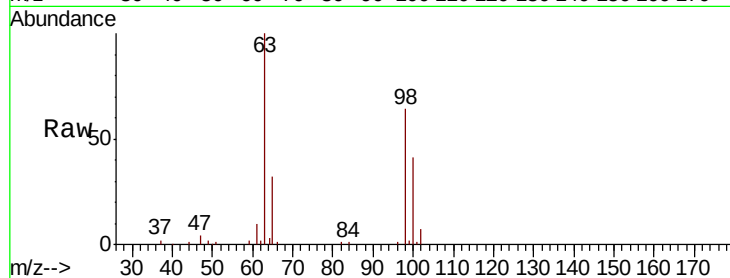
Tot Ion:101 Resp: 534

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.58

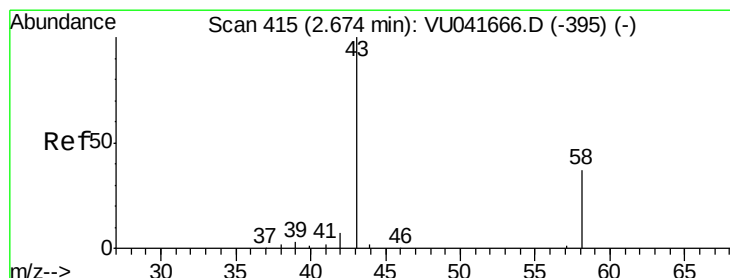
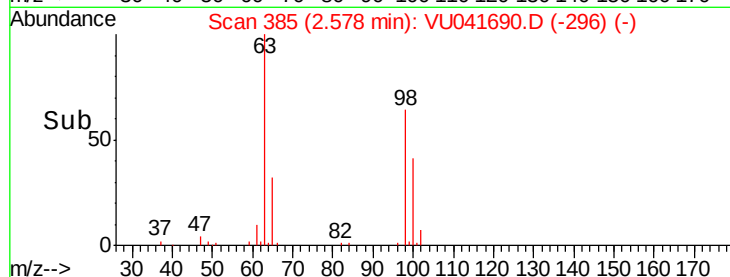
300

200

100

0

Time--> 2.54 2.56 2.58 2.60 2.62



#13

Acetone

Concen: 0.654 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU041690.D

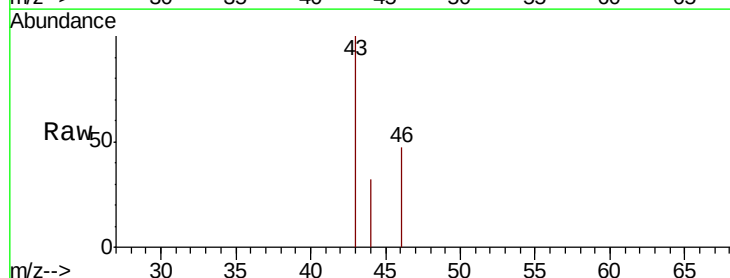
Acq: 18 Dec 2020 19:46

Tgt Ion: 43 Resp: 1025

Ion Ratio Lower Upper

43 100

58 9.8 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

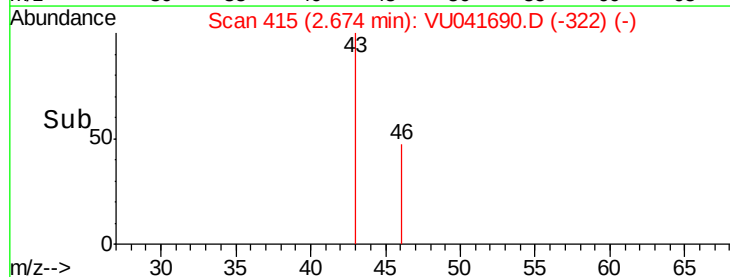
300

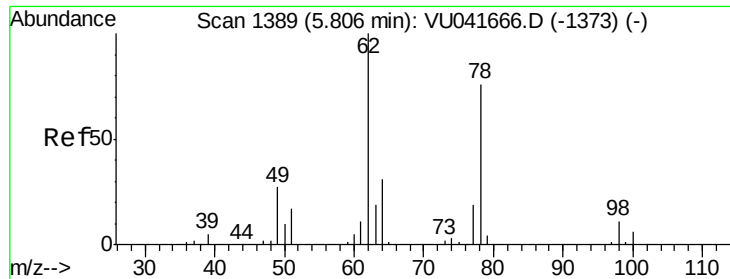
200

100

0

Time--> 2.60 2.65 2.70

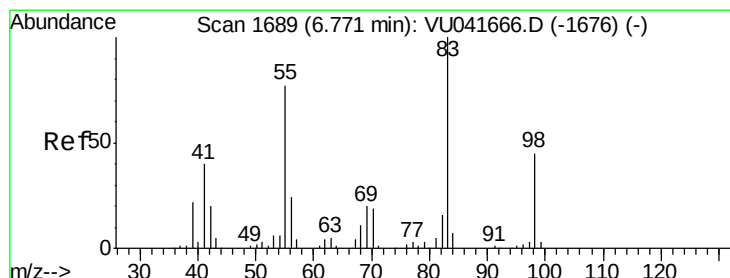
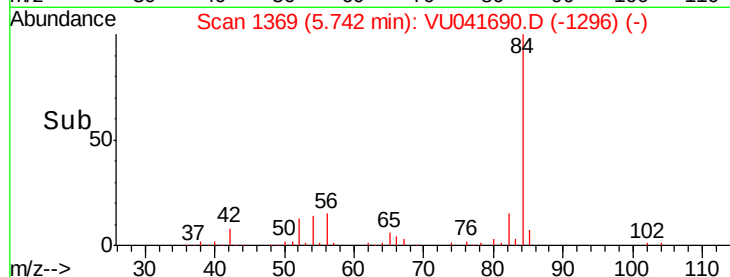
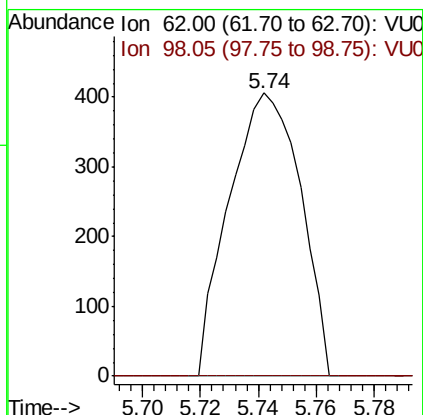
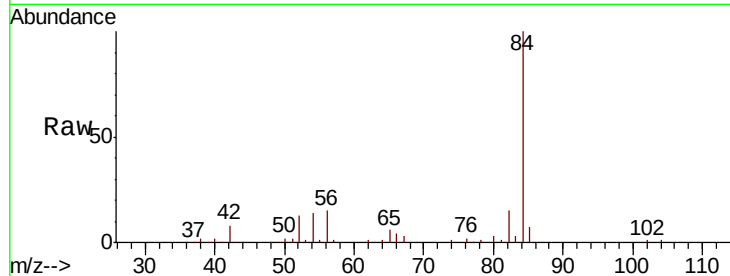




#27
 1,2-Dichloroethane
 Concen: 0.071 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041690.D
 Acq: 18 Dec 2020 19:46

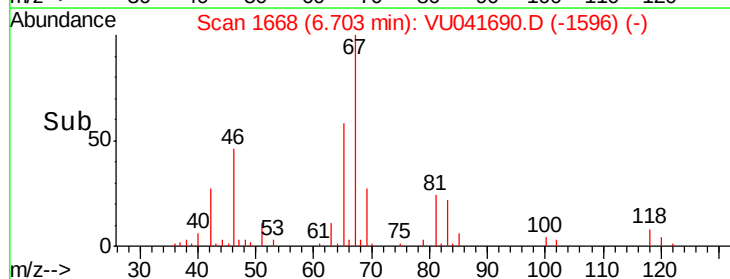
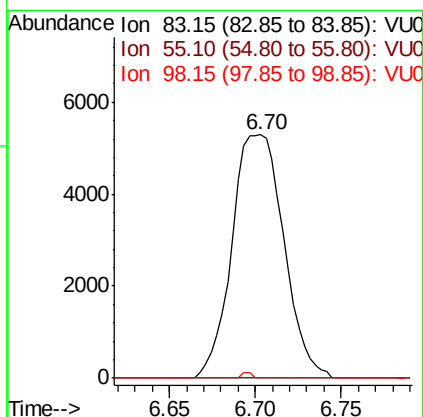
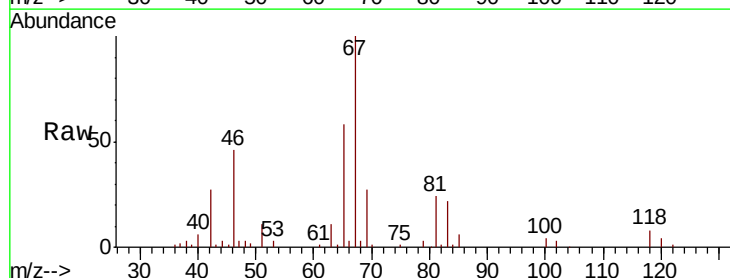
Instrument :
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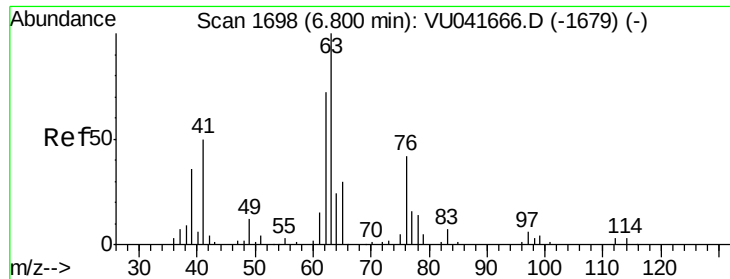
Tot Ion: 62 Resp: 694
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.803 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041690.D
 Acq: 18 Dec 2020 19:46

Tgt Ion: 83 Resp: 11108
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.4 36.6 54.8#

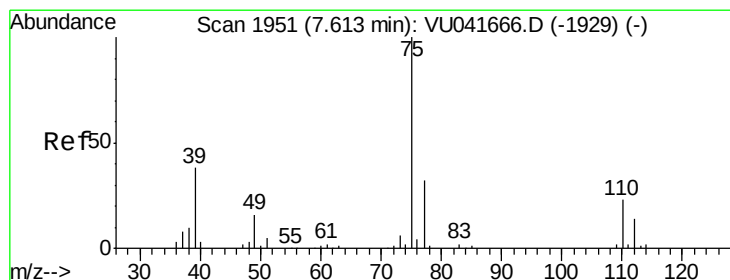
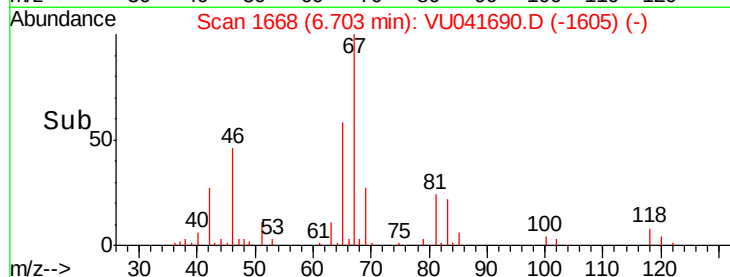
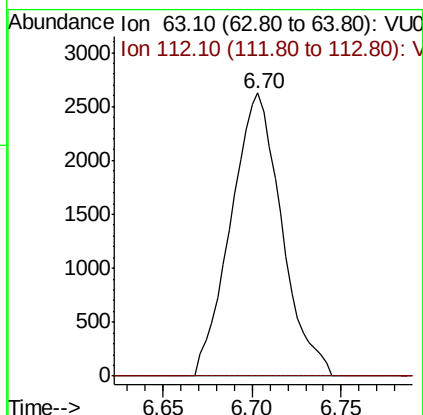
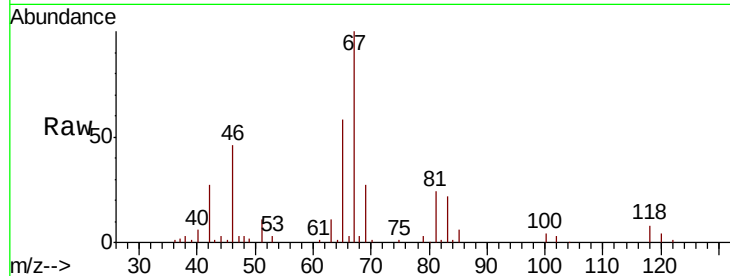




#37
 1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041690.D
 Acq: 18 Dec 2020 19:46

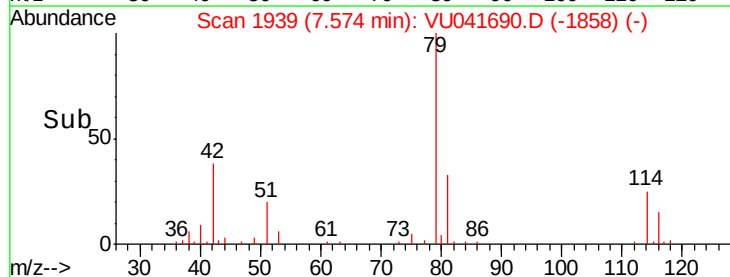
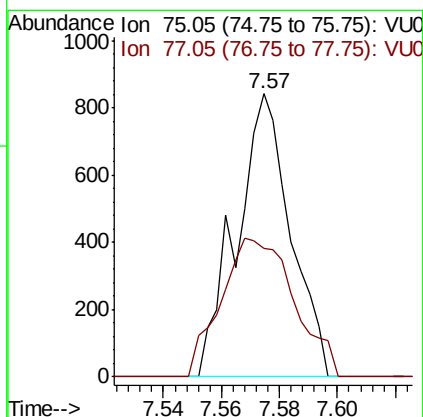
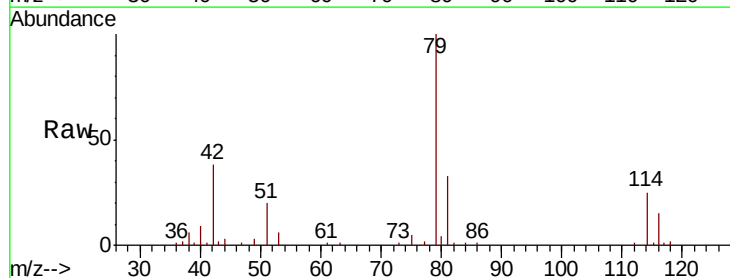
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB9

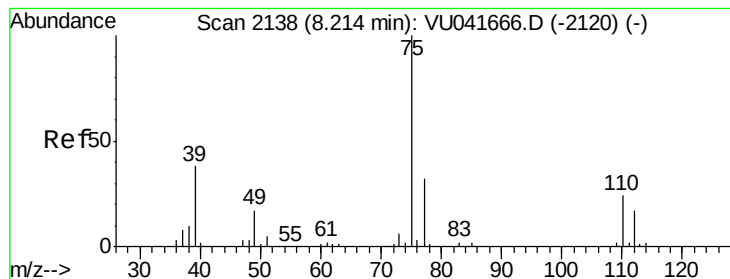
Tot Ion: 63 Resp: 5188
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041690.D
 Acq: 18 Dec 2020 19:46

Tgt Ion: 75 Resp: 1092
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041690.D

Acq: 18 Dec 2020 19:46

Instrument :

MSVOA_U

ClientSampled :

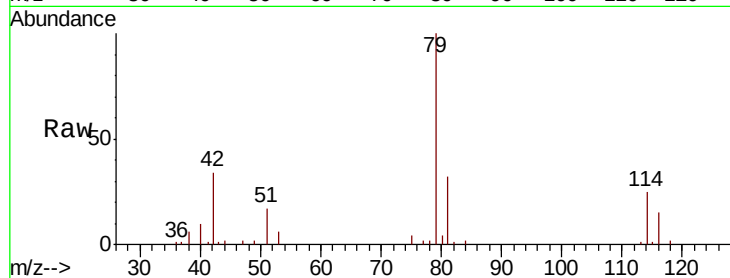
ETZB9

Tot Ion: 75 Resp: 720

Ion Ratio Lower Upper

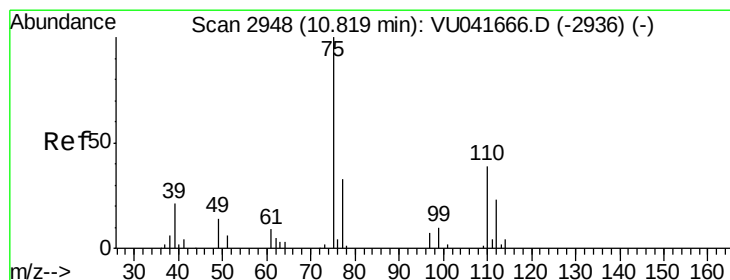
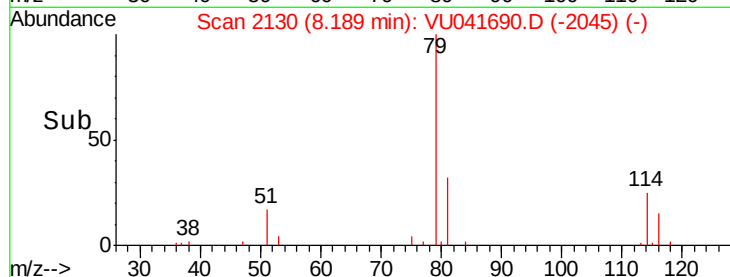
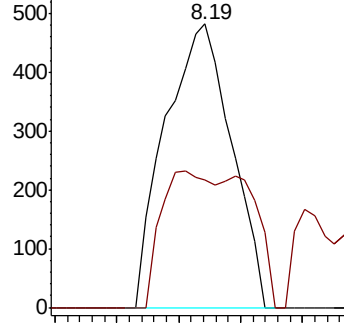
75 100

77 44.8 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.745 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041690.D

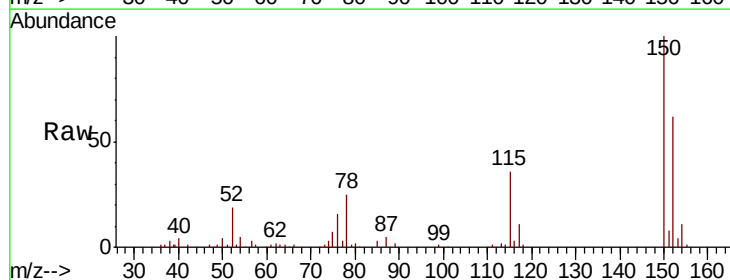
Acq: 18 Dec 2020 19:46

Tgt Ion: 75 Resp: 4876

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

