

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041697.D
 Acq On : 21 Dec 2020 13:39
 Operator : SY/MD
 Sample : L5142-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZC1

Quant Time: Dec 22 02:51:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40647	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.92	69	38903	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.58	63	58960	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.65	46	159140	50.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	5.08	84	90595	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	50868	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	172430	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.70	67	55818	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.90	98	145657	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.18	79	20595	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.64	63	135843	44.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52409	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	59011	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

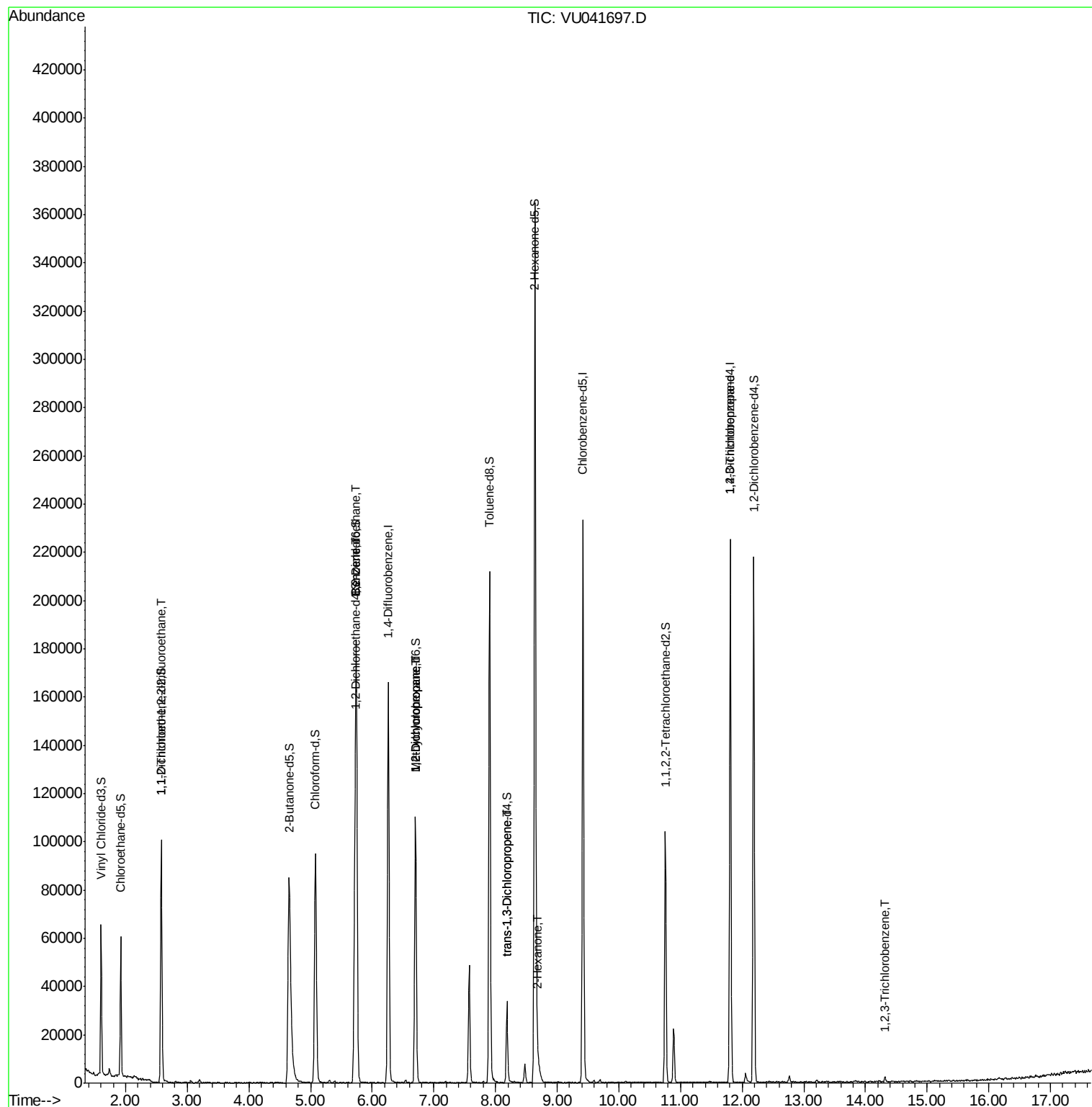
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	595	0.061	ug/L #	22
27) 1,2-Dichloroethane	5.74	62	730	0.058	ug/L #	73
33) Benzene	5.74	78	1402	0.032	ug/L	100
35) Methylcyclohexane	6.70	83	12471	0.695	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5721	0.506	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	746	0.050	ug/L #	53
48) 2-Hexanone	8.69	43	2773	0.474	ug/L #	93
59) 1,2,3-Trichloropropane	11.81	75	6904	0.813	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	969	0.085	ug/L #	94

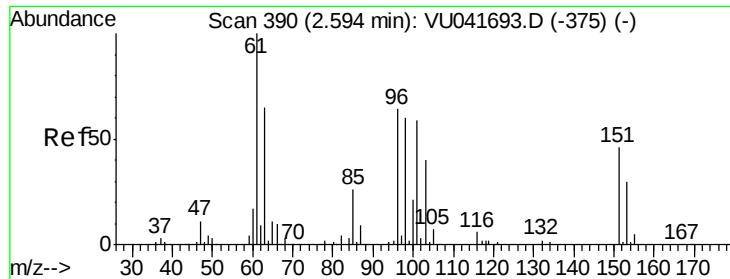
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122120\
Data File : VU041697.D
Acq On : 21 Dec 2020 13:39
Operator : SY/MD
Sample : L5142-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZC1

Quant Time: Dec 22 02:51:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration





#10

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

Concen: 0.061 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041697.D

Acq: 21 Dec 2020 13:39

Instrument :

MSVOA_U

ClientSampled :

ETZC1

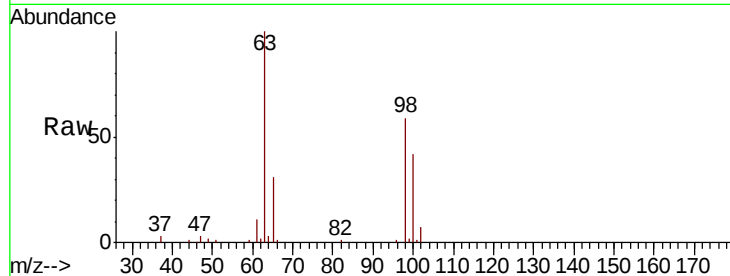
Tot Ion:101 Resp: 595

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

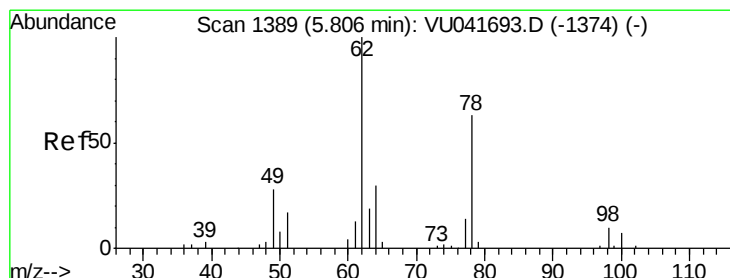
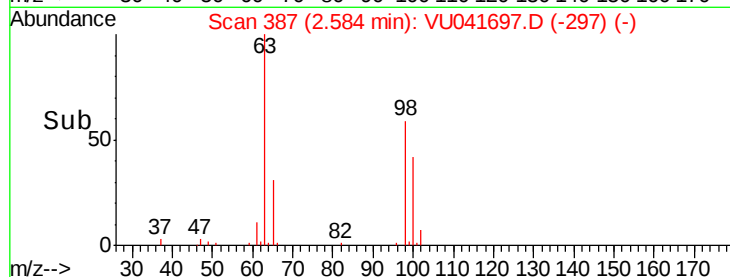
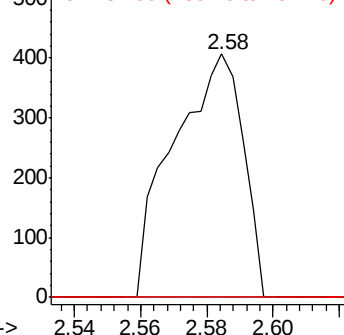
151 0.0 56.2 84.4#



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



#27

1,2-Dichloroethane

Concen: 0.058 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041697.D

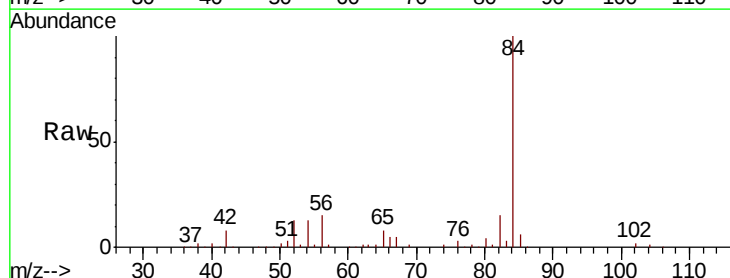
Acq: 21 Dec 2020 13:39

Tgt Ion: 62 Resp: 730

Ion Ratio Lower Upper

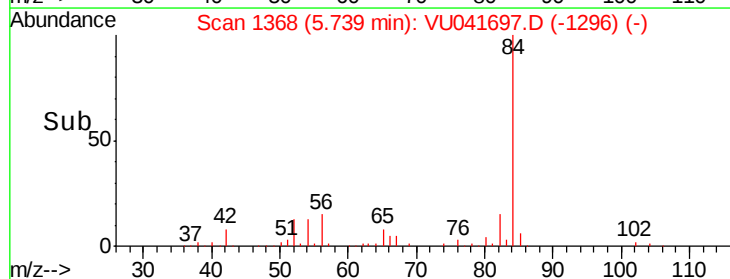
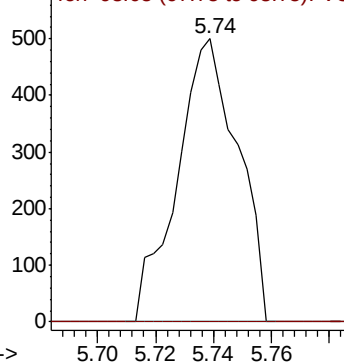
62 100

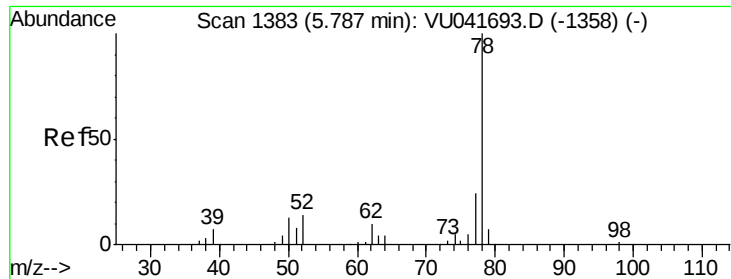
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#33

Benzene

Concen: 0.032 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.04 min

Lab File: VU041697.D

Acq: 21 Dec 2020 13:39

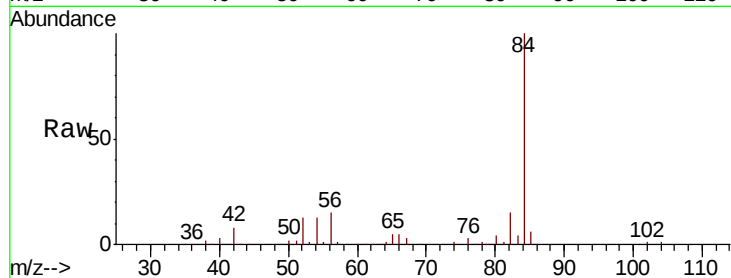
Instrument :

MSVOA_U

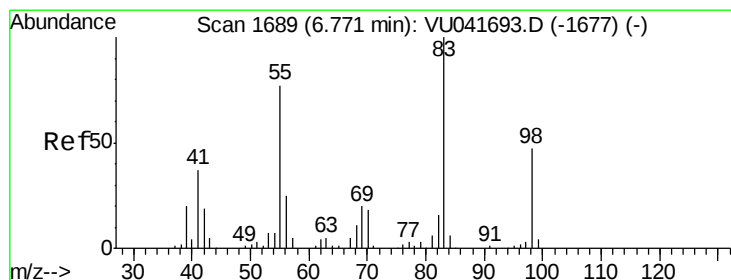
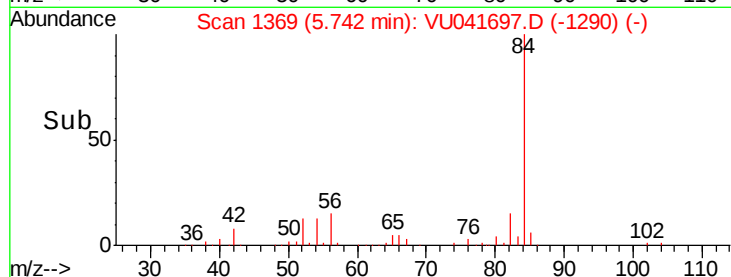
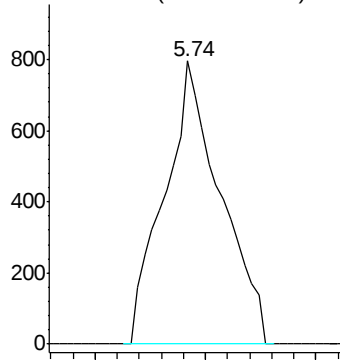
ClientSampleId :

ETZC1

Tgt Ion: 78 Resp: 1402



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041697.D

Acq: 21 Dec 2020 13:39

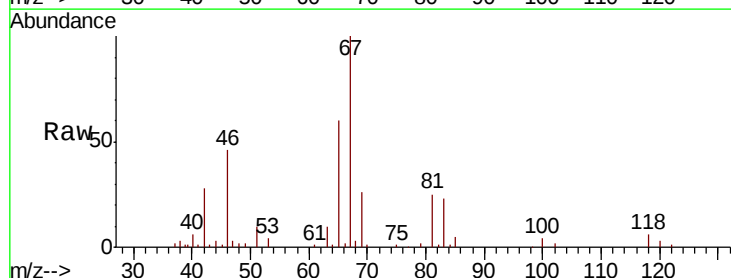
Tgt Ion: 83 Resp: 12471

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

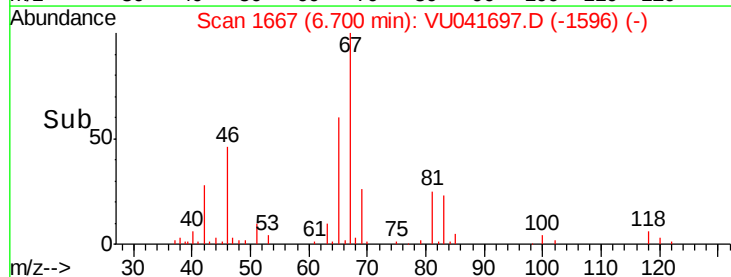
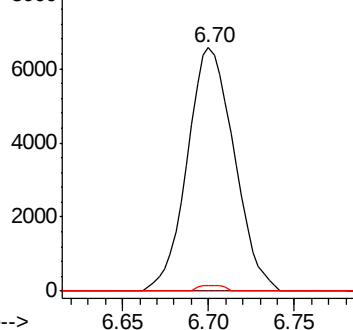
98 1.2 36.6 54.8#

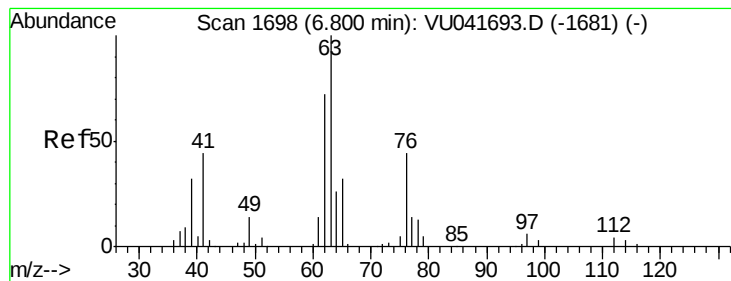


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041697.D

Acq: 21 Dec 2020 13:39

Instrument :

MSVOA_U

ClientSampled :

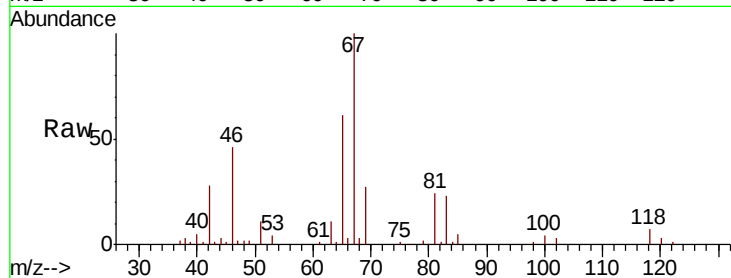
ETZC1

Tot Ion: 63 Resp: 5721

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041697.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU041697.D (-1668) (-)

6.70

3000

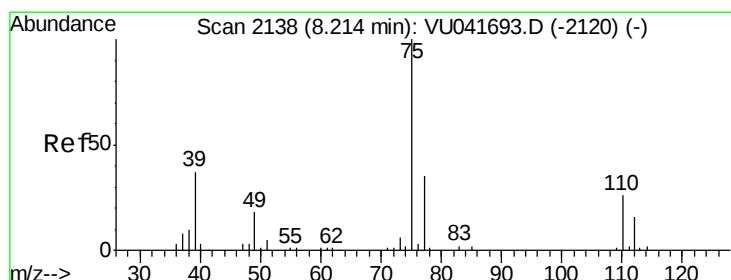
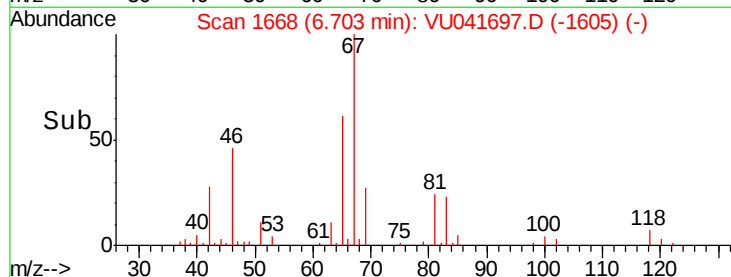
2000

1000

0

6.65 6.70 6.75

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.050 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041697.D

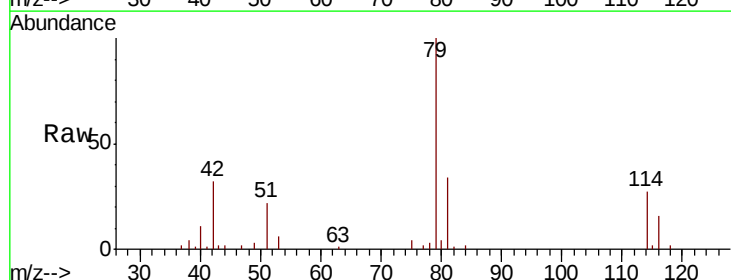
Acq: 21 Dec 2020 13:39

Tgt Ion: 75 Resp: 746

Ion Ratio Lower Upper

75 100

77 61.0 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041697.D (-2129) (-)

Ion 77.05 (76.75 to 77.75): VU041697.D (-2129) (-)

8.19

500

400

300

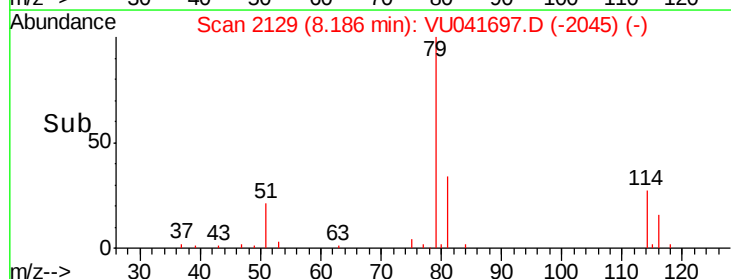
200

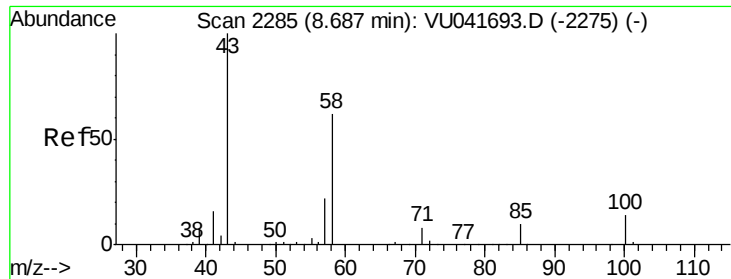
100

0

8.15 8.20

Time-->

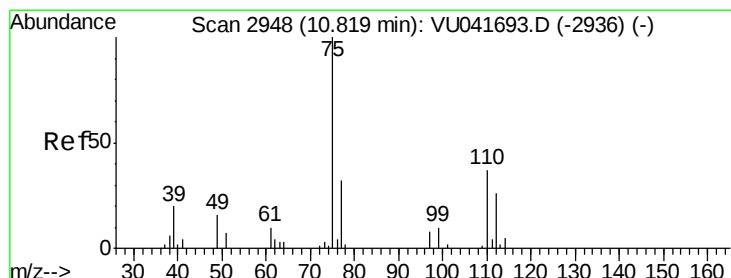
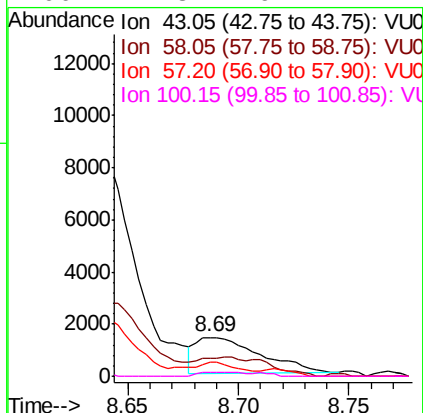
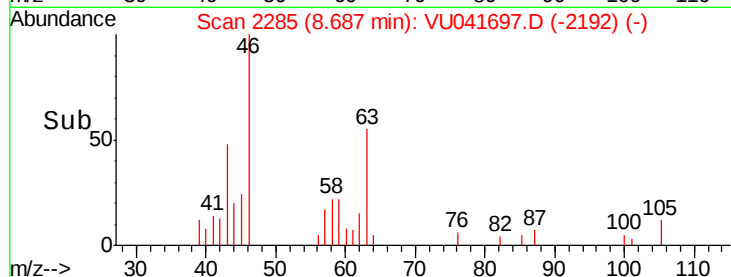
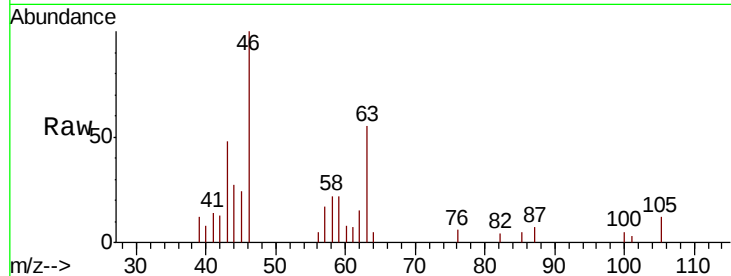




#48
2-Hexanone
Concen: 0.474 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VU041697.D
Acq: 21 Dec 2020 13:39

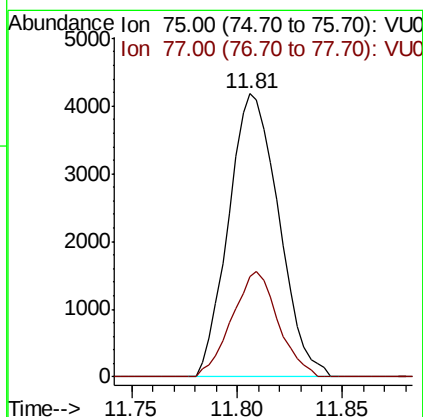
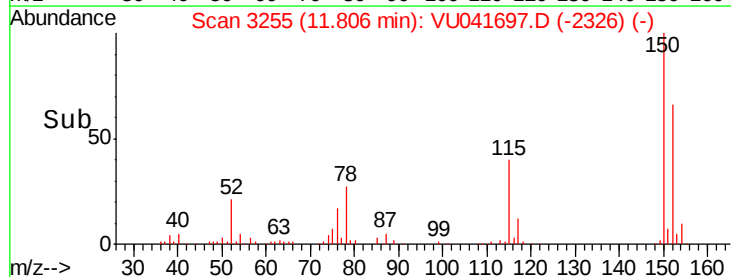
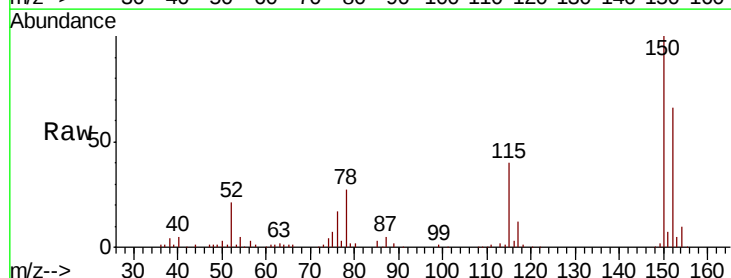
Instrument :
MSVOA_U
ClientSampleId :
ETZC1

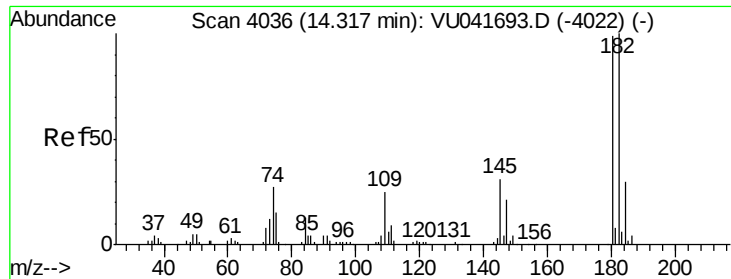
Tot Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
58 58.7 47.9 71.9
57 29.7 16.5 24.7#
100 7.3 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.813 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041697.D
Acq: 21 Dec 2020 13:39

Tgt Ion: 75 Resp: 6904
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.2





#70
 1,2,3-Trichlorobenzene
 Concen: 0.085 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: VU041697.D
 Acq: 21 Dec 2020 13:39

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZC1

Tot Ion:180 Resp: 969
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.0 115.4
 145 22.1 26.4 39.6#

