

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041530.D
 Acq On : 10 Dec 2020 12:41
 Operator : SY/MD
 Sample : VU1210WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB22

Quant Time: Dec 11 06:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	39391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	40099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	10710	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.92	69	9862	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.58	63	21384	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.66	46	31078	40.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.92%
24) Chloroform-d	5.08	84	28270	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	19679	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	43589	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	10629	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.90	98	47928	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
43) trans-1,3-Dichloropropene-	8.18	79	8151	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.64	63	22407	34.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11241	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	18094	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

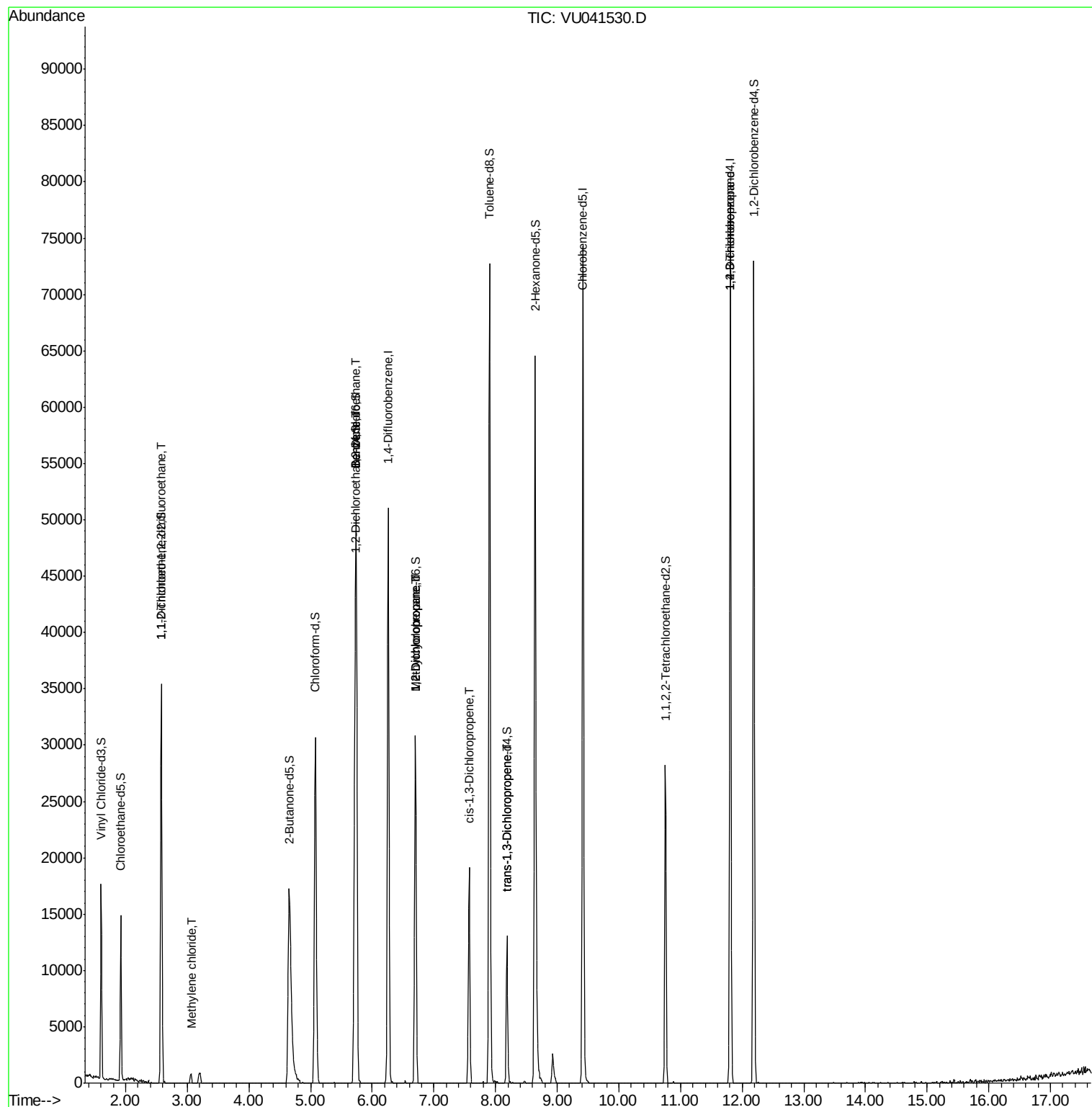
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	135	0.050	ug/L #	17
16) Methylene chloride	3.06	84	539	0.175	ug/L #	66
27) 1,2-Dichloroethane	5.74	62	358	0.084	ug/L #	79
33) Benzene	5.74	78	263	0.026	ug/L	100
35) Methylcyclohexane	6.70	83	3447	0.844	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1913	0.822	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	599	0.143	ug/L	96
44) trans-1,3-Dichloropropene	8.19	75	276	0.066	ug/L #	45
59) 1,2,3-Trichloropropane	11.81	75	1926	0.853	ug/L #	80

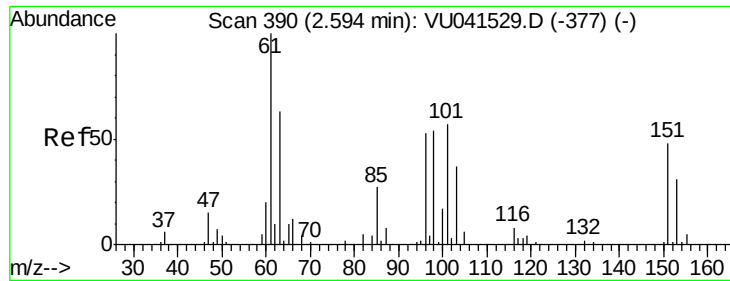
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121020\
Data File : VU041530.D
Acq On : 10 Dec 2020 12:41
Operator : SY/MD
Sample : VU1210WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB22

Quant Time: Dec 11 06:07:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 06:06:19 2020
Response via : Initial Calibration





#10

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

Concen: 0.050 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041530.D

Acq: 10 Dec 2020 12:41

Instrument :

MSVOA_U

ClientSampleId :

BFB22

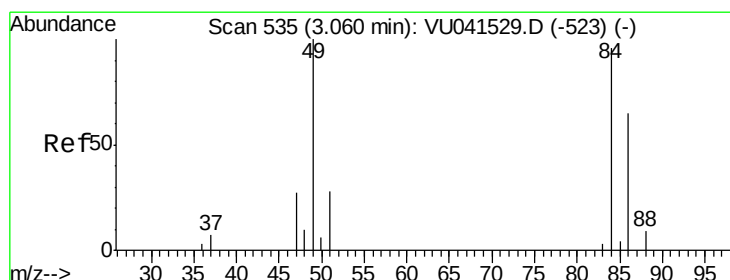
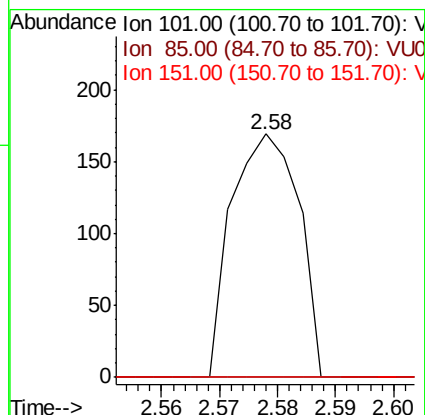
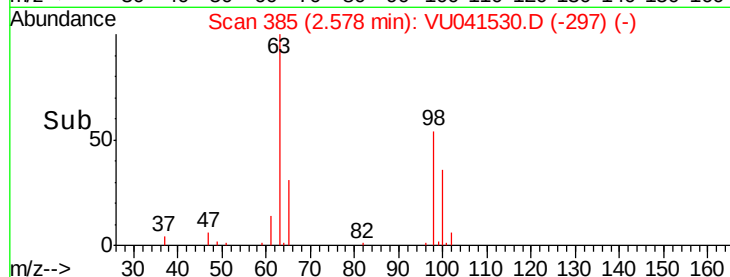
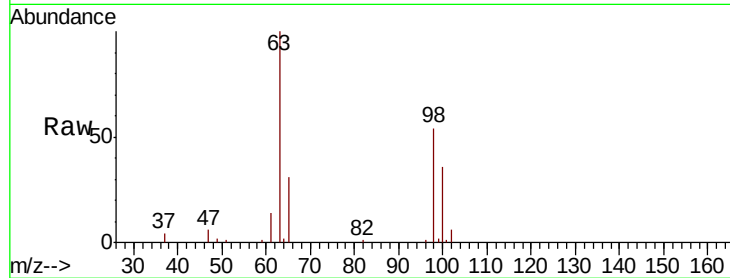
Tot Ion:101 Resp: 135

Ion Ratio Lower Upper

101 100

85 0.0 39.4 59.2#

151 0.0 63.8 95.8#



#16

Methylene chloride

Concen: 0.175 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041530.D

Acq: 10 Dec 2020 12:41

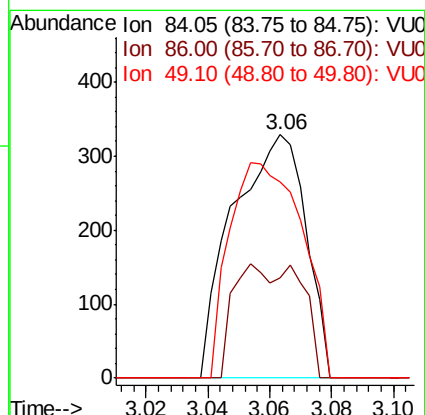
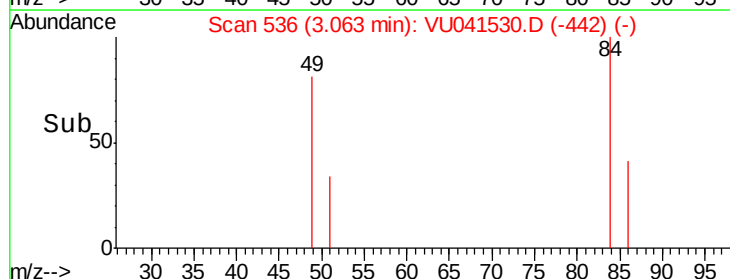
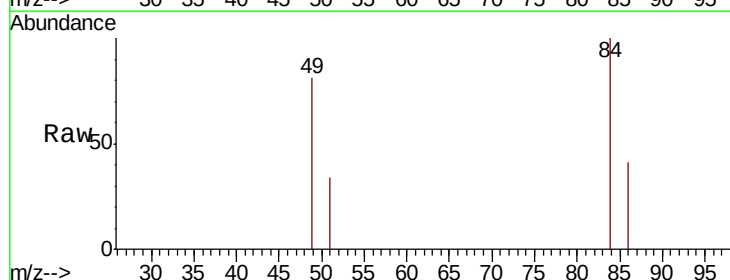
Tgt Ion: 84 Resp: 539

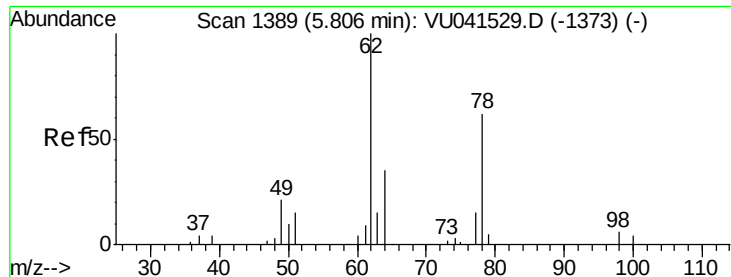
Ion Ratio Lower Upper

84 100

86 41.0 44.1 81.9#

49 80.9 86.1 159.9#





#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.74 min Scan# 1367

Delta R.T. -0.07 min

Lab File: VU041530.D

Acq: 10 Dec 2020 12:41

Instrument :

MSVOA_U

ClientSampled :

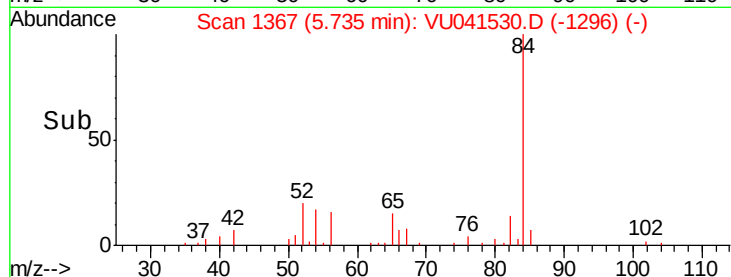
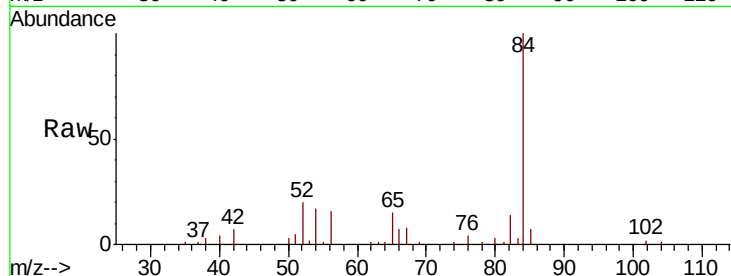
BFB22

Tot Ion: 62 Resp: 358

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

250

200

150

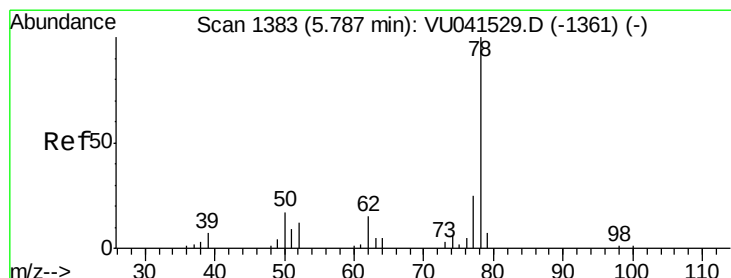
100

50

0

5.70 5.72 5.74 5.76

Time-->



#33

Benzene

Concen: 0.026 ug/L

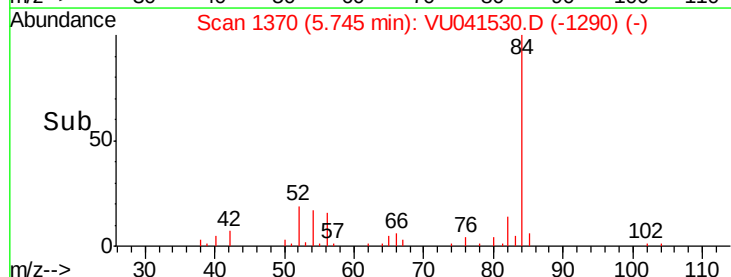
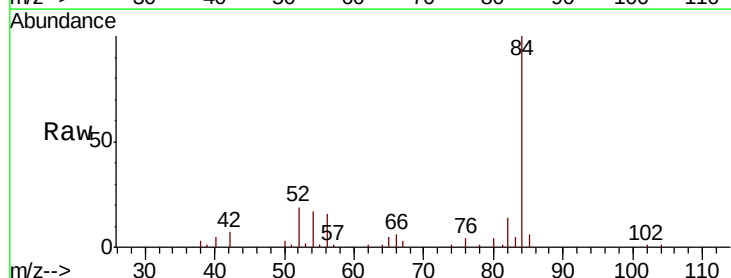
RT: 5.74 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041530.D

Acq: 10 Dec 2020 12:41

Tgt Ion: 78 Resp: 263



Abundance Ion 78.10 (77.80 to 78.80): VU0

150

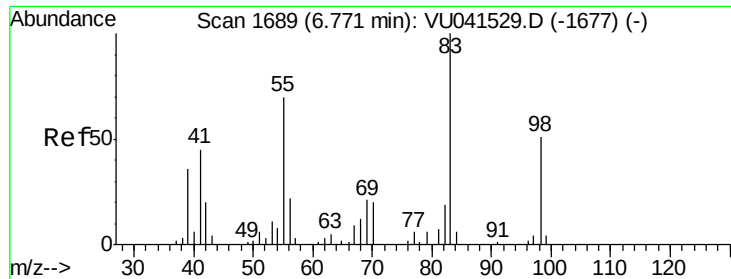
100

50

0

5.70 5.72 5.74 5.76

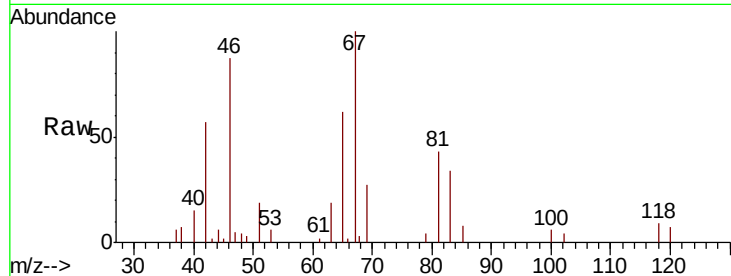
Time-->



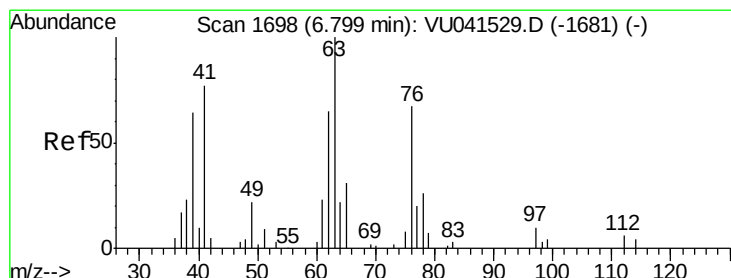
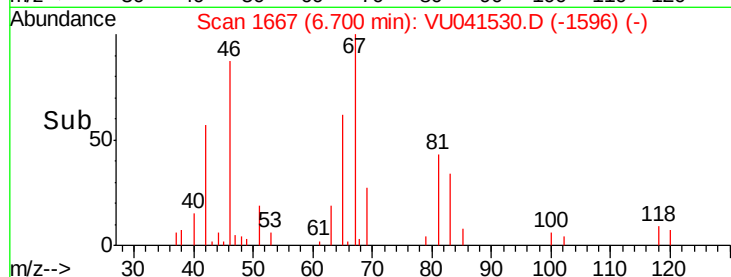
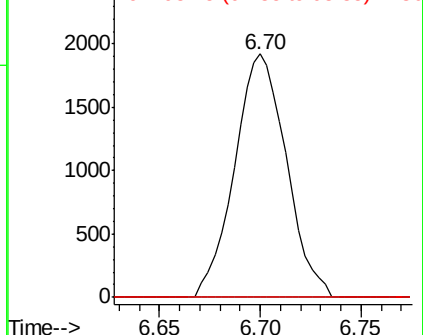
#35
Methylvlcyclohexane
Concen: 0.844 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041530.D
Acq: 10 Dec 2020 12:41

Instrument :
MSVOA_U
ClientSampleId :
BFB22

Tot Ion: 83 Resp: 3447
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

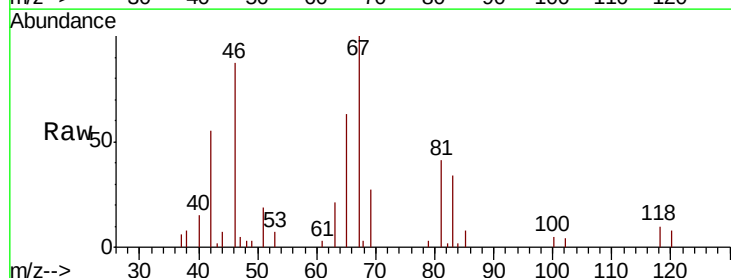


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

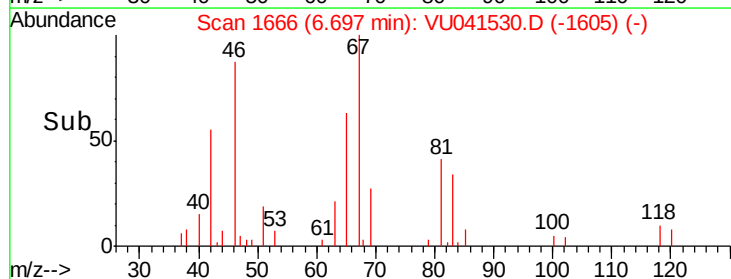
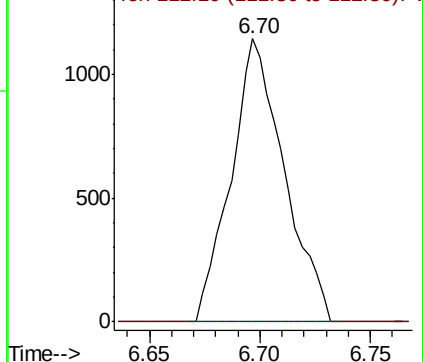


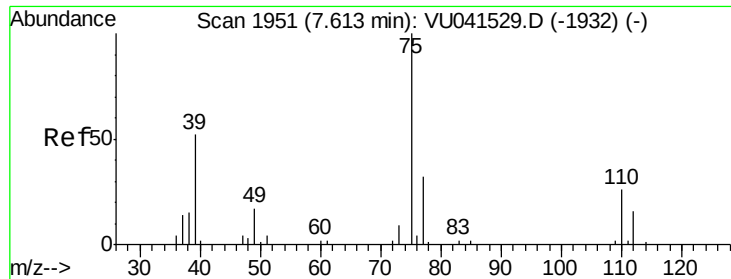
#37
1,2-Dichloropropane
Concen: 0.822 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.10 min
Lab File: VU041530.D
Acq: 10 Dec 2020 12:41

Tgt Ion: 63 Resp: 1913
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

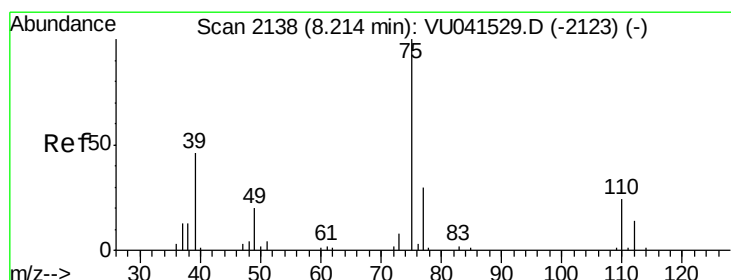
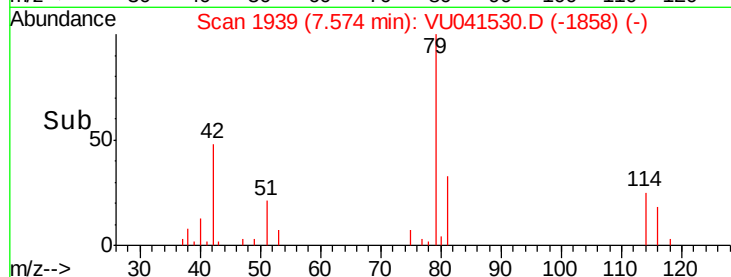
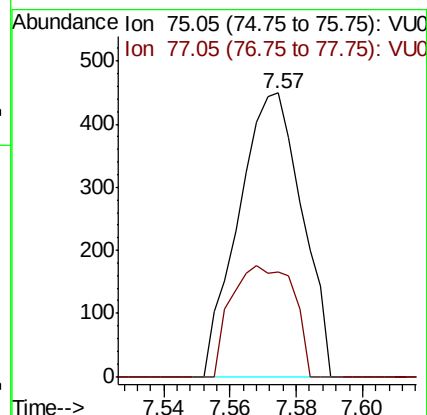
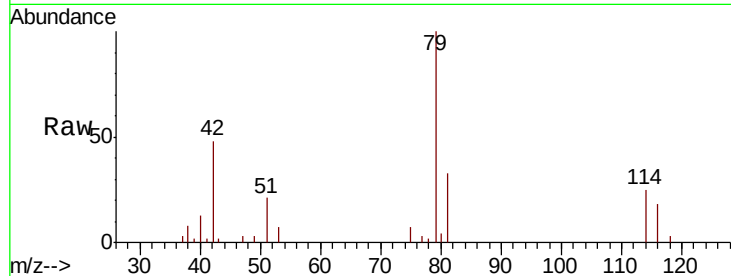




#39
 cis-1,3-Dichloropropene
 Concen: 0.143 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041530.D
 Acq: 10 Dec 2020 12:41

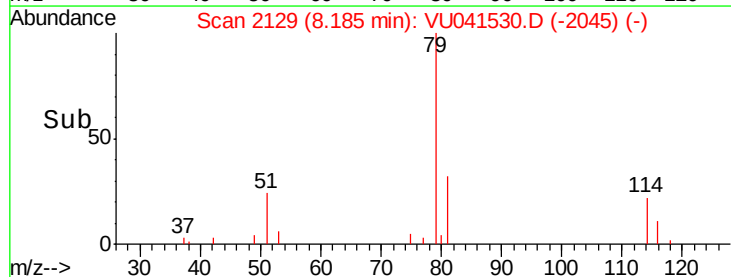
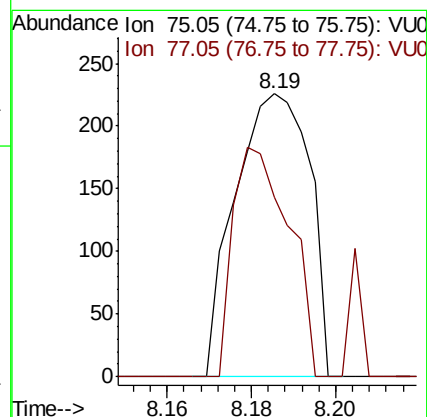
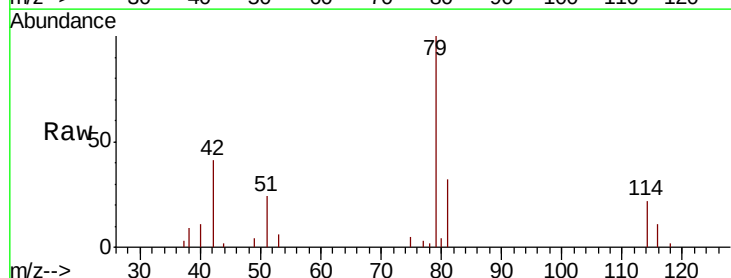
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB22

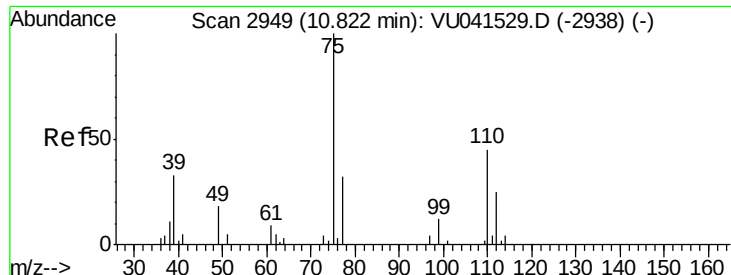
Tot Ion: 75 Resp: 599
 Ion Ratio Lower Upper
 75 100
 77 36.7 24.0 44.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.066 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041530.D
 Acq: 10 Dec 2020 12:41

Tgt Ion: 75 Resp: 276
 Ion Ratio Lower Upper
 75 100
 77 63.3 22.7 42.3#





#59

1,2,3-Trichloropropane

Concen: 0.853 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041530.D

Acq: 10 Dec 2020 12:41

Instrument :

MSVOA_U

ClientSampleId :

BFB22

Tot Ion: 75 Resp: 1926

Ion Ratio Lower Upper

75 100

77 43.9 26.3 39.5#

