

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041422.D
 Acq On : 24 Nov 2020 17:21
 Operator : SY/MD
 Sample : L4849-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Nov 25 07:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25956	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	16378	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.92	69	13680	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.58	63	26876	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.65	46	55776	57.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.88%
24) Chloroform-d	5.08	84	37002	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	26121	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.74	84	63455	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	19722	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	56655	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.19	79	10067	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.64	63	36747	54.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	19305	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	23231	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

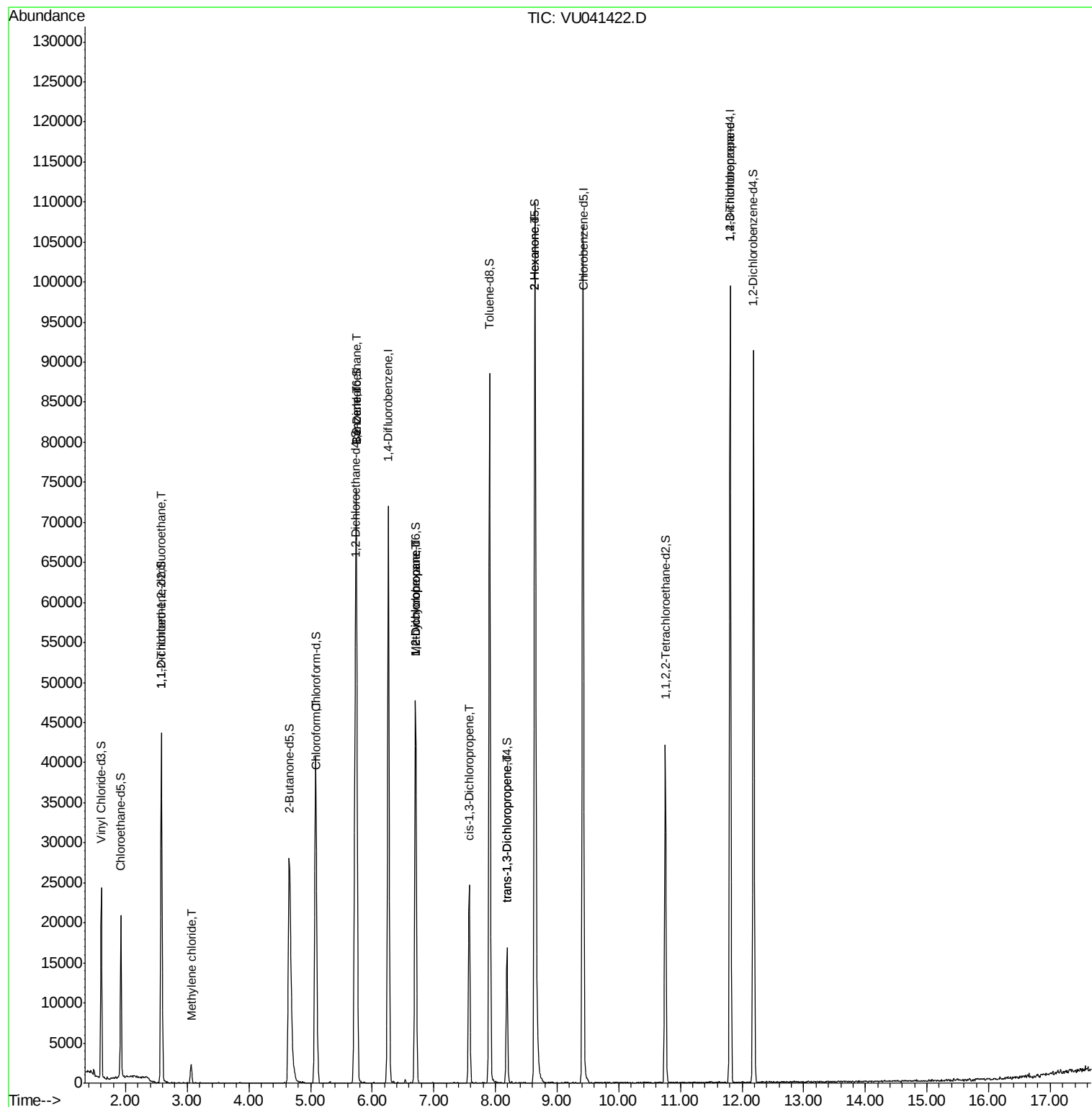
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	180	0.048	ug/L #	21
16) Methylene chloride	3.06	84	1147	0.242	ug/L	96
25) Chloroform	5.10	83	2563	0.327	ug/L	92
27) 1,2-Dichloroethane	5.74	62	489	0.096	ug/L #	78
33) Benzene	5.74	78	439	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	5042	0.816	ug/L #	15
37) 1,2-Dichloropropane	6.71	63	2595	0.608	ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	710	0.120	ug/L #	75
44) trans-1,3-Dichloropropene	8.19	75	444	0.083	ug/L #	61
48) 2-Hexanone	8.64	43	5458	2.839	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	2826	1.013	ug/L #	78

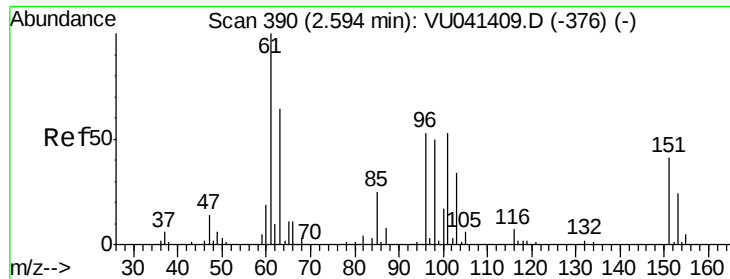
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112420\
Data File : VU041422.D
Acq On : 24 Nov 2020 17:21
Operator : SY/MD
Sample : L4849-17
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 25 07:40:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration





#10

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

Concen: 0.048 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041422.D

Acq: 24 Nov 2020 17:21

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

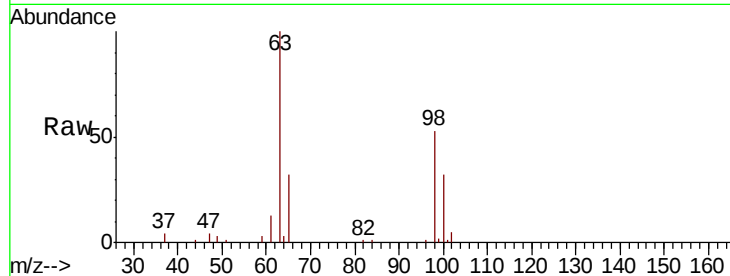
Tot Ion:101 Resp: 180

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

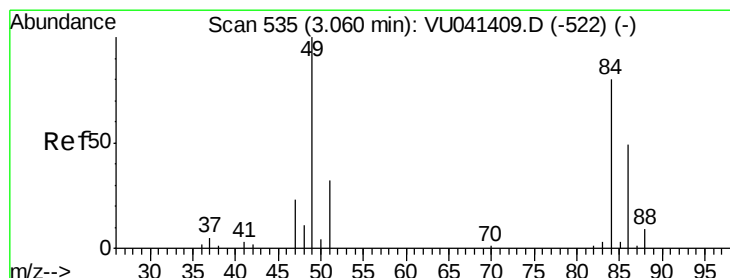
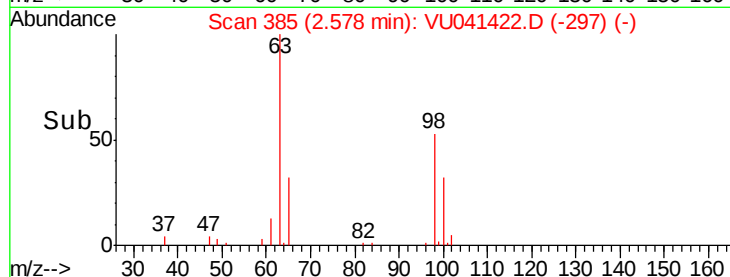
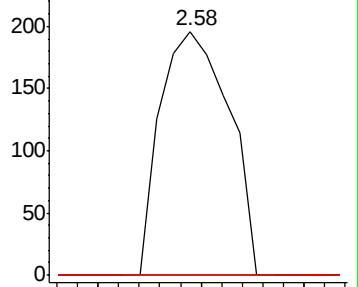
151 0.0 56.2 84.2#



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



#16

Methylene chloride

Concen: 0.242 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041422.D

Acq: 24 Nov 2020 17:21

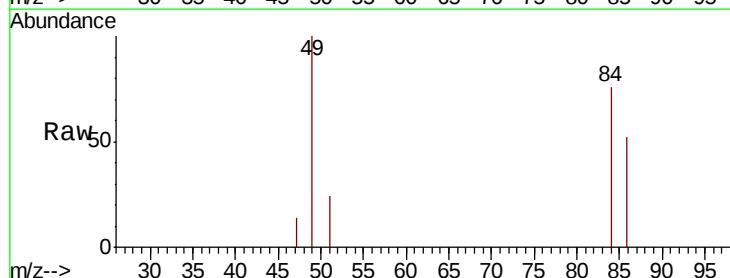
Tgt Ion: 84 Resp: 1147

Ion Ratio Lower Upper

84 100

86 68.7 44.4 82.5

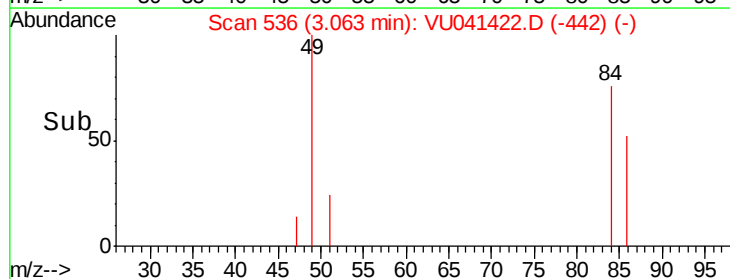
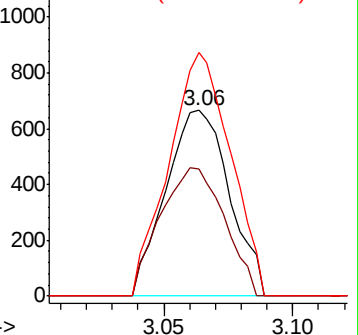
49 131.3 89.9 167.0

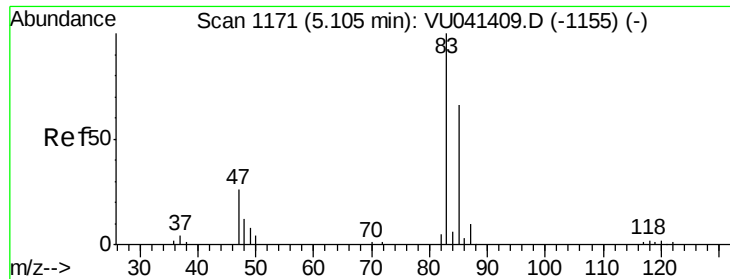


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

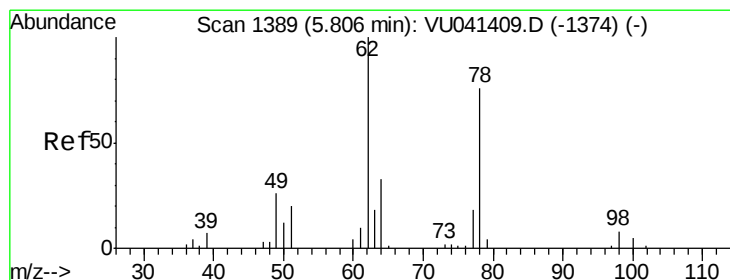
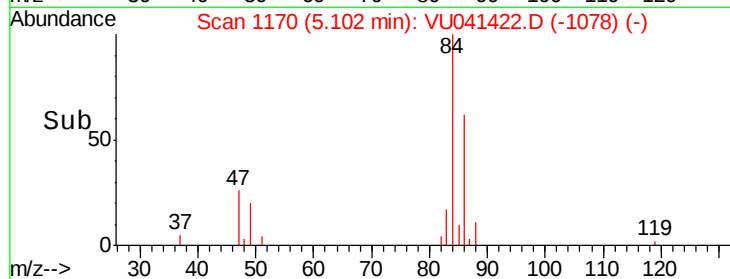
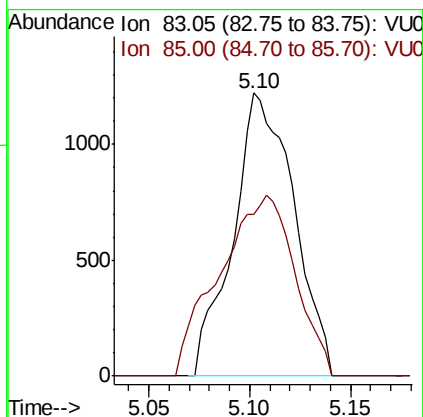
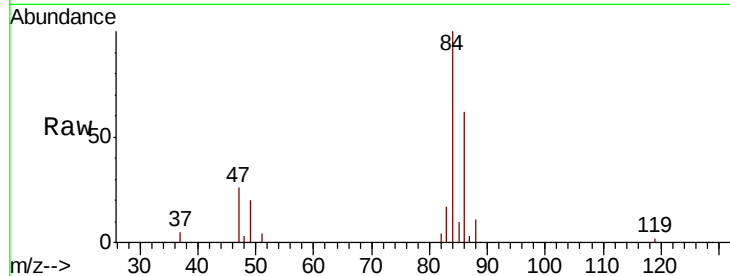




#25
Chloroform
Concen: 0.327 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041422.D
Acq: 24 Nov 2020 17:21

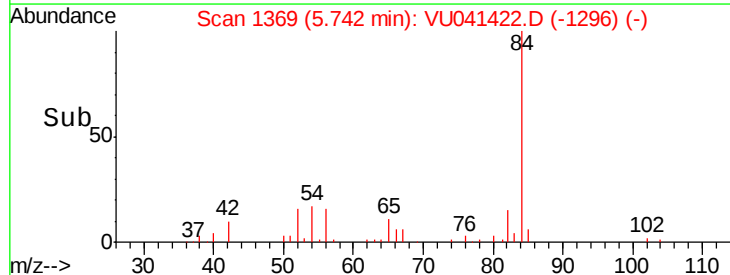
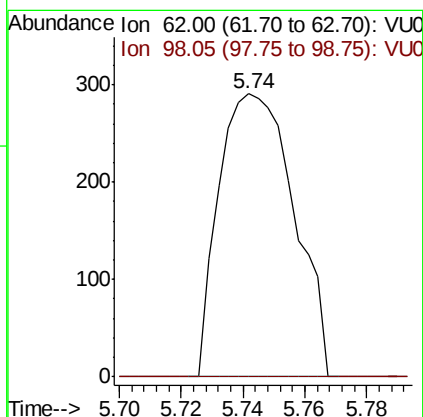
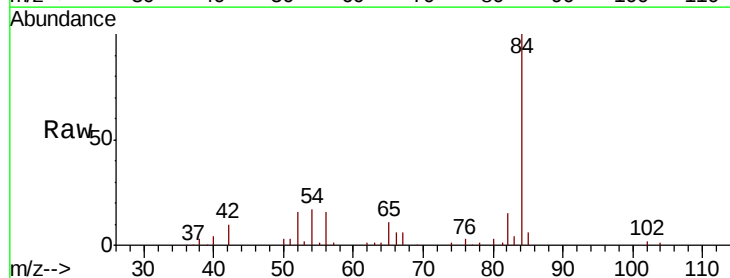
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

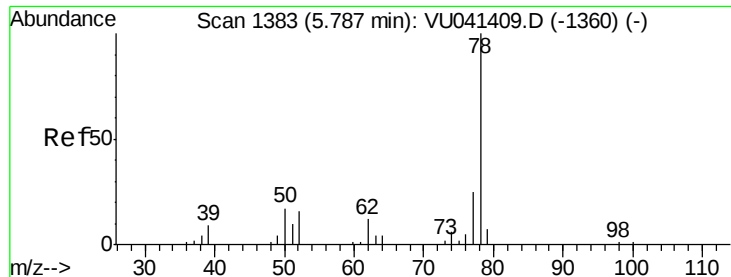
Tot Ion: 83 Resp: 2563
Ion Ratio Lower Upper
83 100
85 57.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041422.D
Acq: 24 Nov 2020 17:21

Tgt Ion: 62 Resp: 489
Ion Ratio Lower Upper
62 100
98 0.0 6.0 9.0#





#33

Benzene

Concen: 0.028 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041422.D

Acq: 24 Nov 2020 17:21

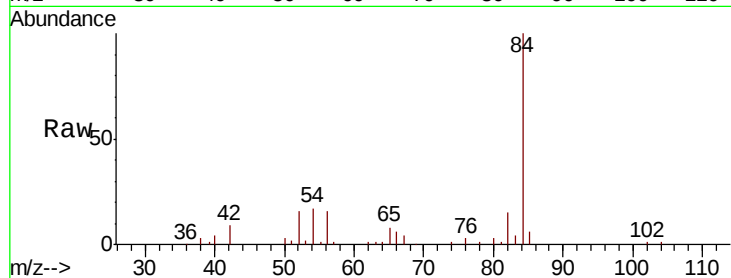
Instrument :

MSVOA_U

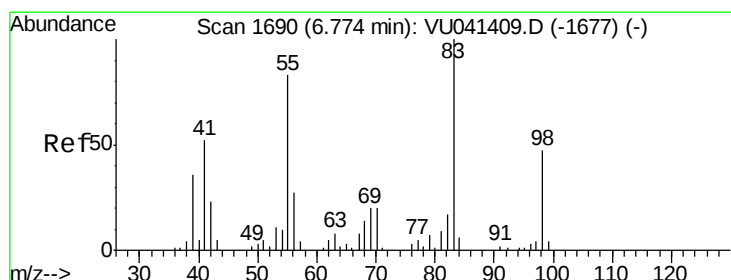
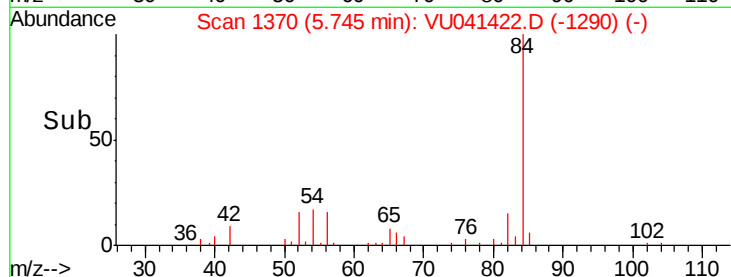
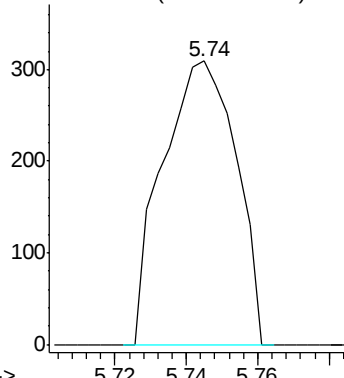
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 439



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.816 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041422.D

Acq: 24 Nov 2020 17:21

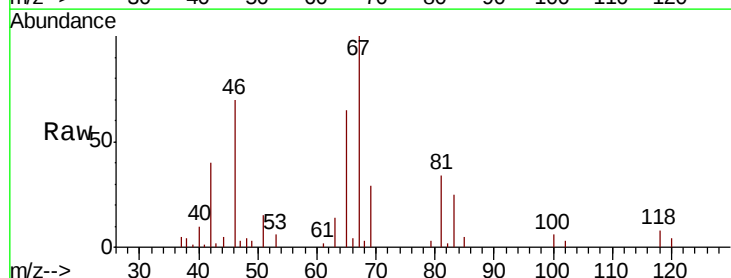
Tgt Ion: 83 Resp: 5042

Ion Ratio Lower Upper

83 100

55 0.0 68.4 102.6#

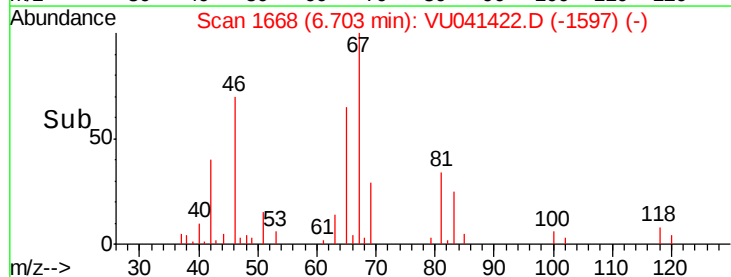
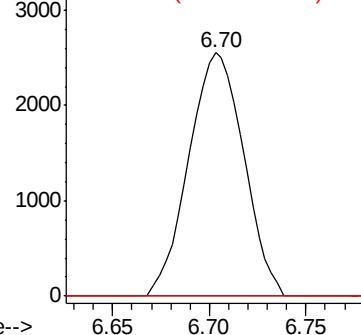
98 0.0 36.5 54.7#

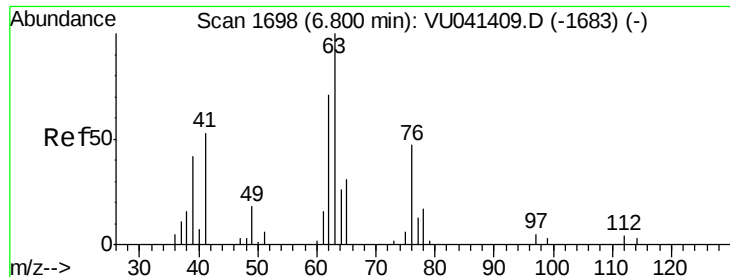


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

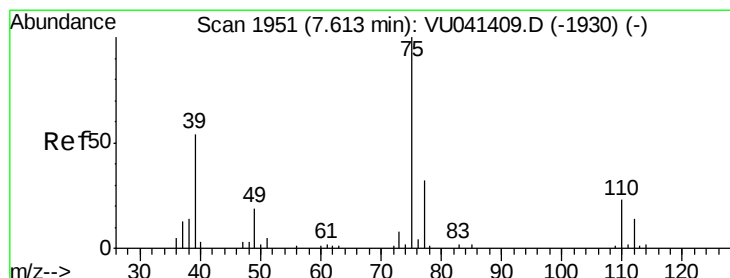
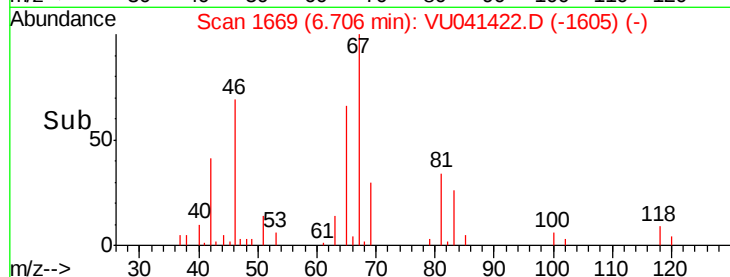
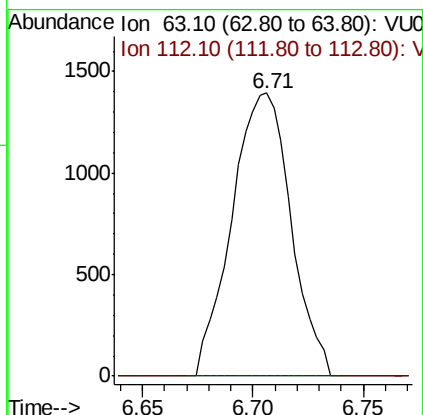
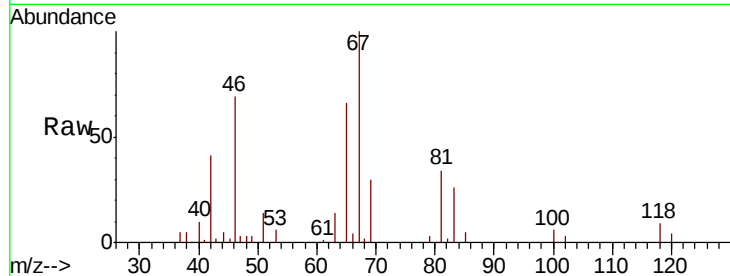




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041422.D
 Acq: 24 Nov 2020 17:21

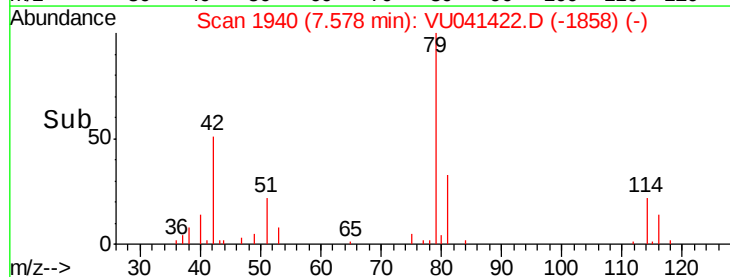
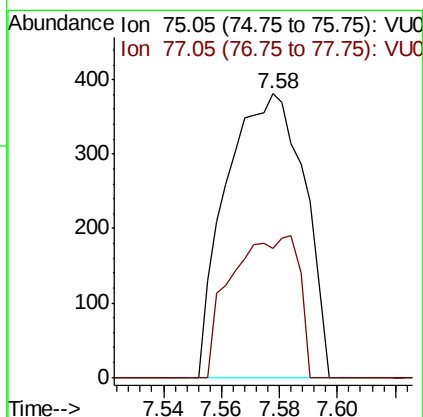
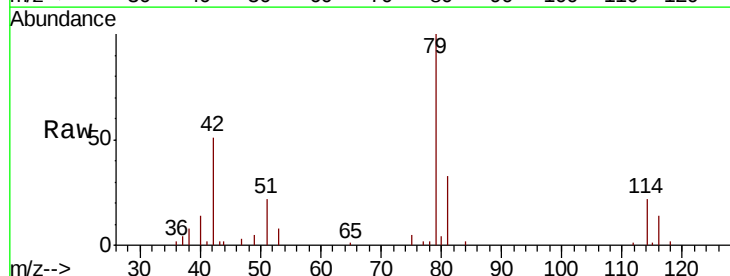
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

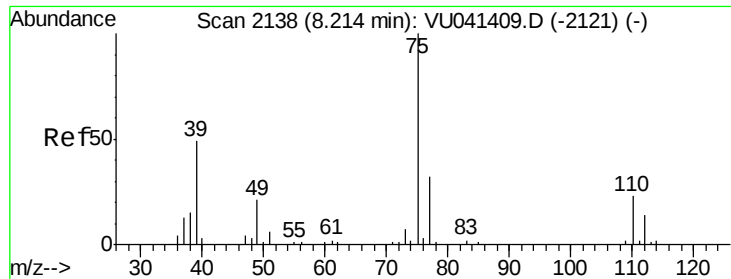
Tot Ion: 63 Resp: 2595
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041422.D
 Acq: 24 Nov 2020 17:21

Tgt Ion: 75 Resp: 710
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.1 41.1#

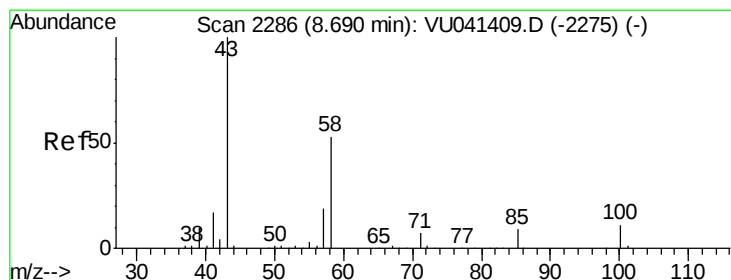
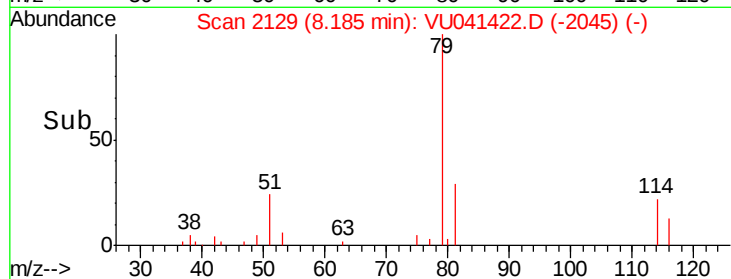
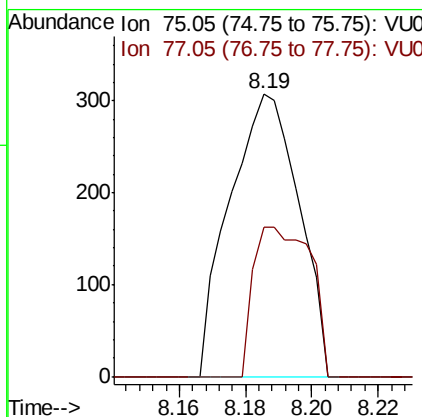
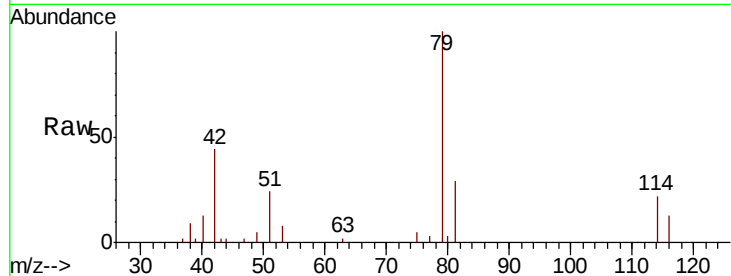




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041422.D
Acq: 24 Nov 2020 17:21

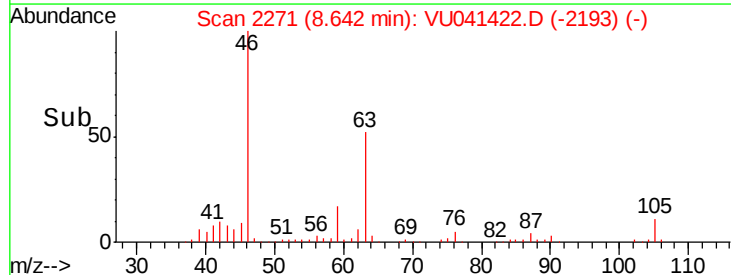
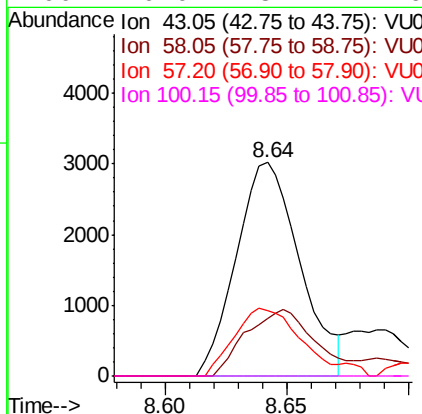
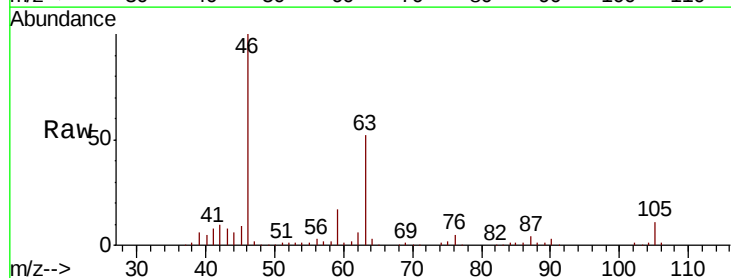
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

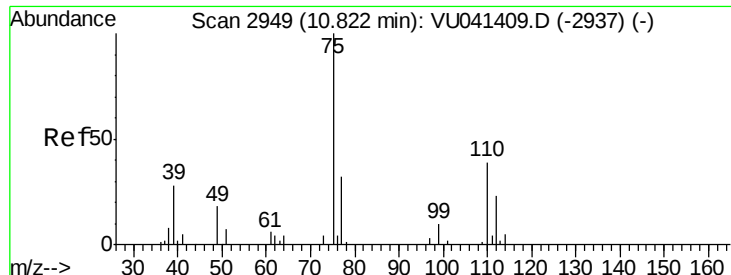
Tot Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
77 52.6 21.7 40.3#



#48
2-Hexanone
Concen: 2.839 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041422.D
Acq: 24 Nov 2020 17:21

Tgt Ion: 43 Resp: 5458
Ion Ratio Lower Upper
43 100
58 34.0 42.0 63.0#
57 34.3 15.0 22.4#
100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 1.013 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041422.D

Acq: 24 Nov 2020 17:21

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 2826

Ion Ratio Lower Upper

75 100

77 43.8 25.1 37.7#

