

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039264.D
 Acq On : 01 Jul 2020 06:34
 Operator : SY/MD
 Sample : L3134-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 07:33:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:27:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	189264	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	197867	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	84662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60679	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.93	69	69400	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.59	63	96604	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.67	46	178990	33.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.66%
24) Chloroform-d	5.10	84	122175	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.74	65	73147	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.76	84	230060	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	69678	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.92	98	183748	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	28829	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.65	63	117474	29.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	56803	3.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	70345	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

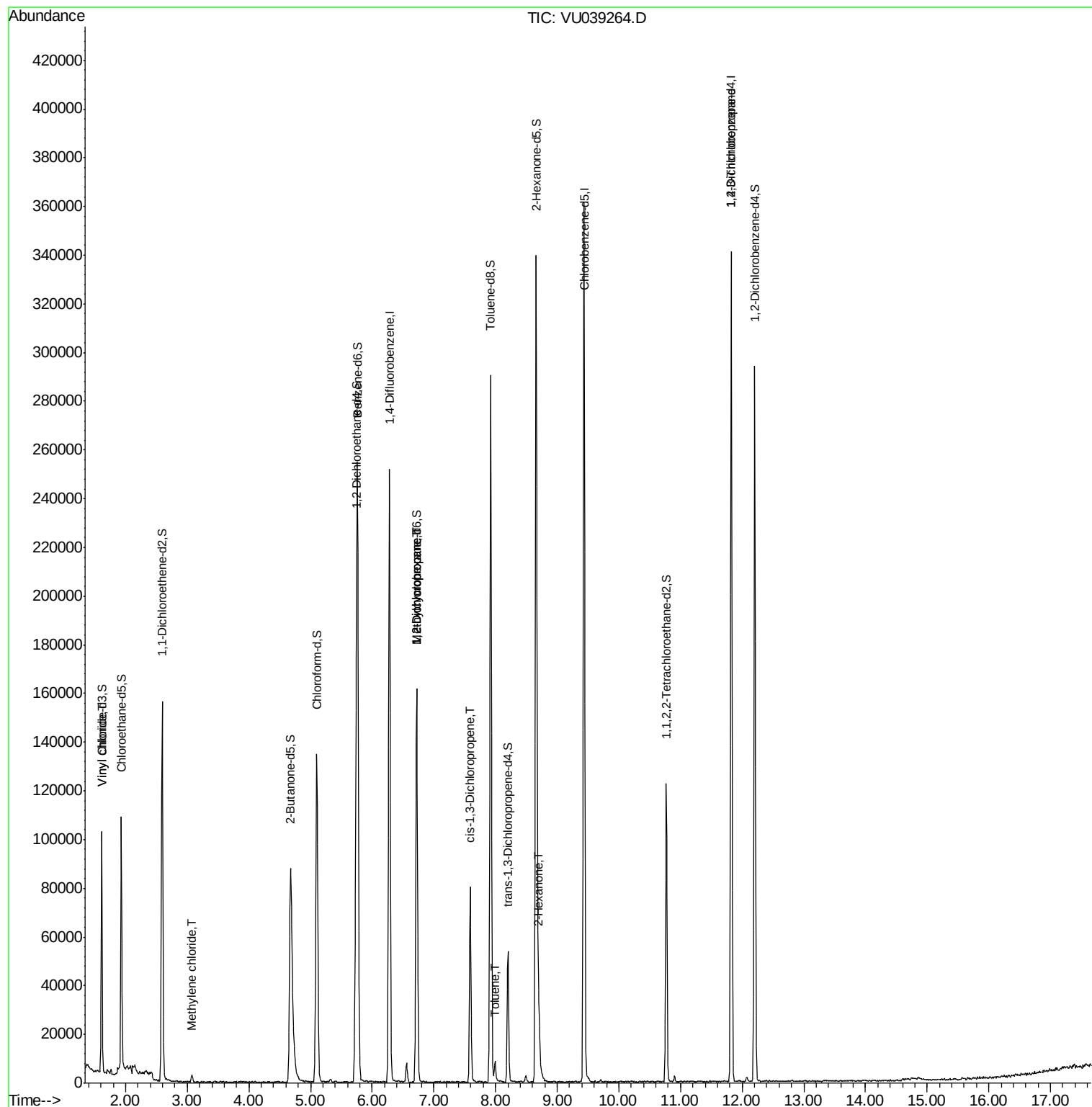
					Ovalue
5) Vinyl chloride	1.62	62	5895	0.315 ug/L	84
16) Methylene chloride	3.07	84	1404	0.076 ug/L	99
35) Methylcyclohexane	6.72	83	17587	0.771 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	9041	0.576 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2415	0.108 ug/L #	81
42) Toluene	7.99	91	5302	0.089 ug/L	96
48) 2-Hexanone	8.70	43	10133	1.116 ug/L #	95
59) 1,2,3-Trichloropropane	11.82	75	11084	0.913 ug/L	90

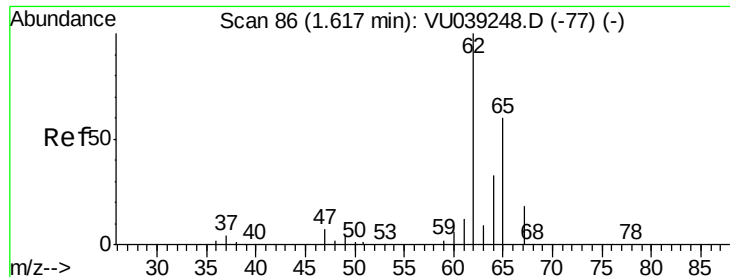
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.315 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU039264.D

Acq: 01 Jul 2020 06:34

Instrument :

MSVOA_U

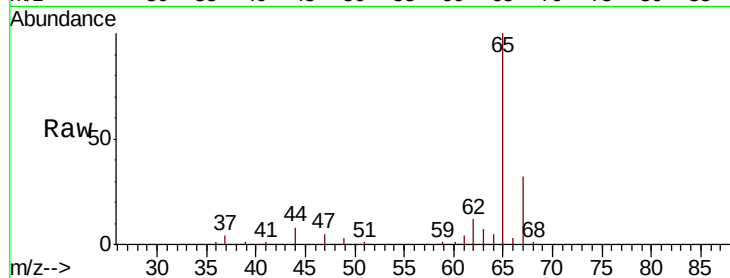
ClientSampled :

Tot Ion: 62 Resp: 5895

Ion Ratio Lower Upper

62 100

64 41.8 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VU039264.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU039264.D (-77) (-)

1.62

6000

5000

4000

3000

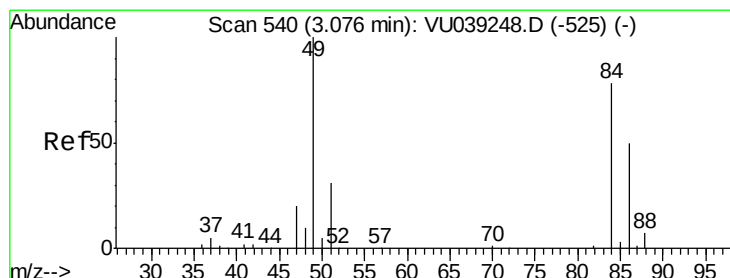
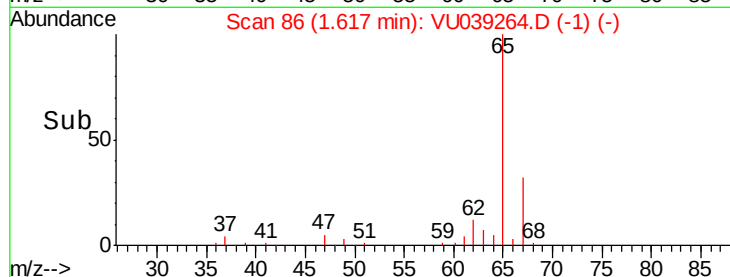
2000

1000

0

1.58 1.60 1.62 1.64 1.66

Time-->



#16

Methylene chloride

Concen: 0.076 ug/L

RT: 3.07 min Scan# 538

Delta R.T. -0.01 min

Lab File: VU039264.D

Acq: 01 Jul 2020 06:34

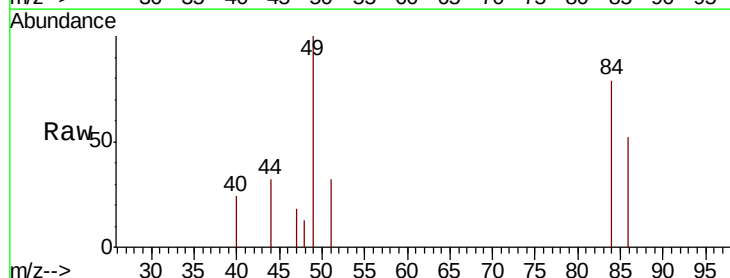
Tgt Ion: 84 Resp: 1404

Ion Ratio Lower Upper

84 100

86 65.7 44.9 83.5

49 126.5 88.4 164.2



Abundance Ion 84.05 (83.75 to 84.75): VU039264.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU039264.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU039264.D (-525) (-)

3.07

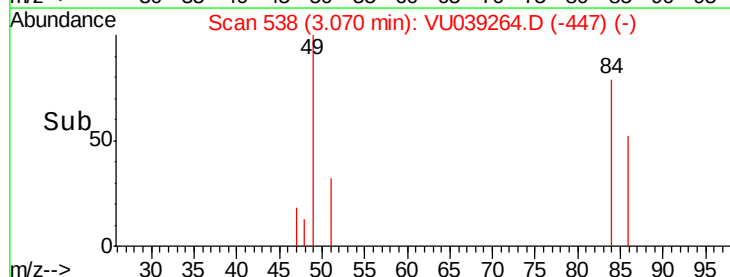
1000

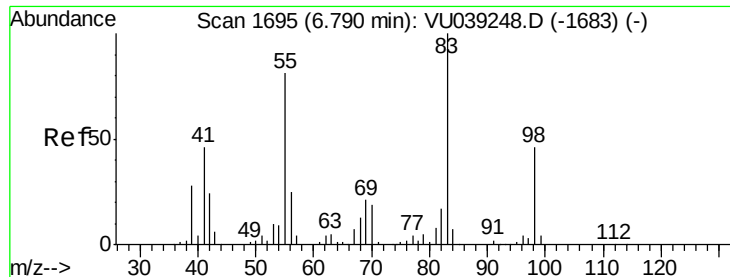
500

0

3.05 3.10

Time-->

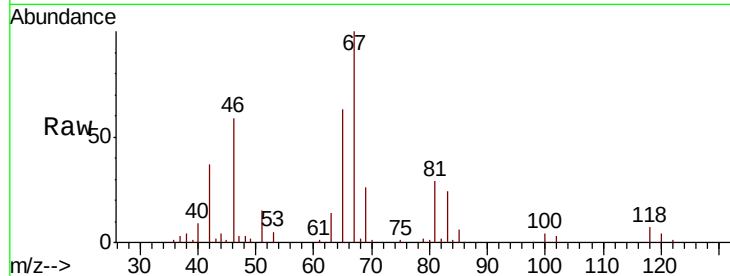




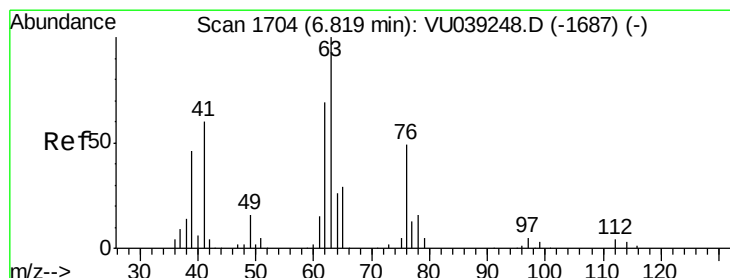
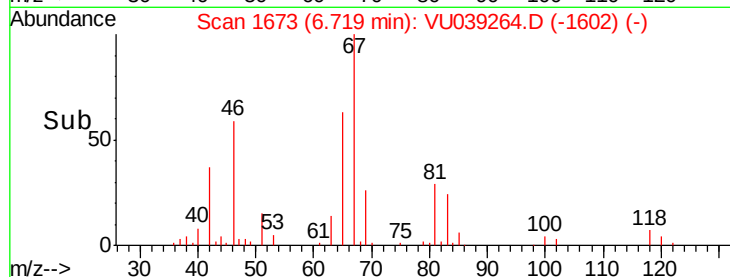
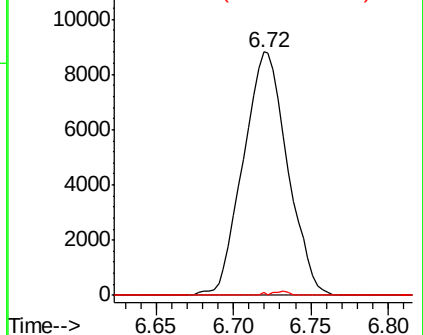
#35
Methvlcvclohexane
Concen: 0.771 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039264.D
Acq: 01 Jul 2020 06:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 17587
Ion Ratio Lower Upper
83 100
55 0.0 64.4 96.6#
98 0.6 37.9 56.9#

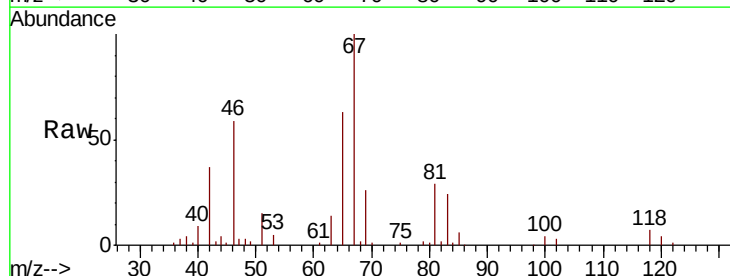


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

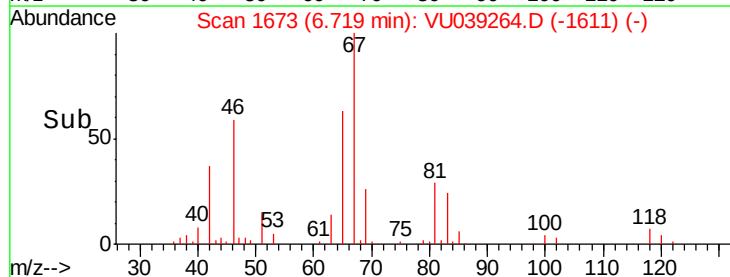
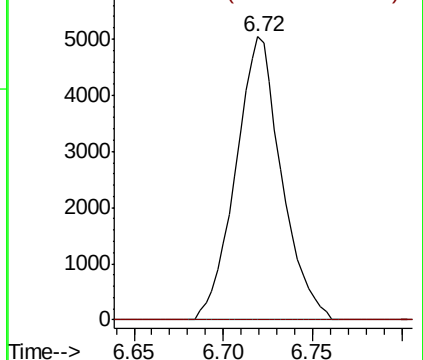


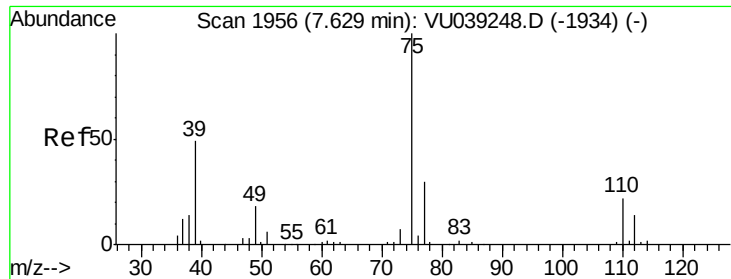
#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039264.D
Acq: 01 Jul 2020 06:34

Tgt Ion: 63 Resp: 9041
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

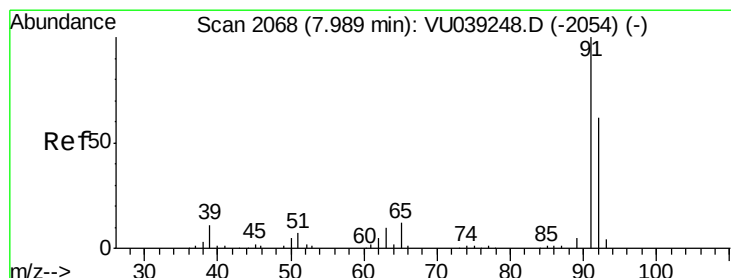
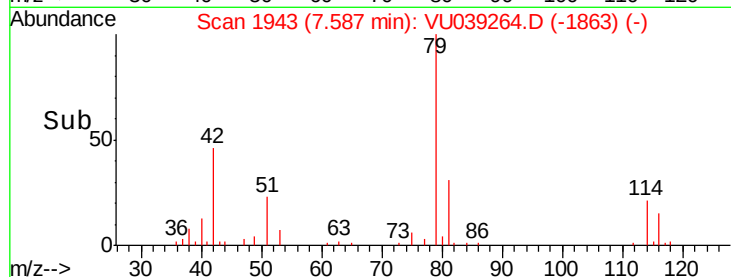
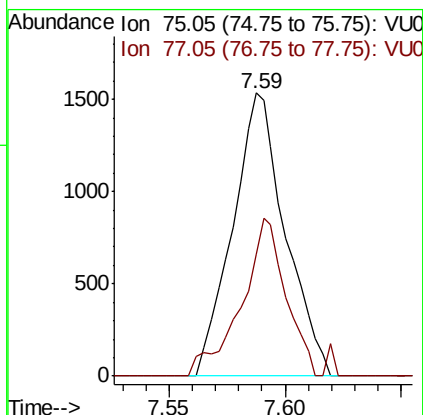
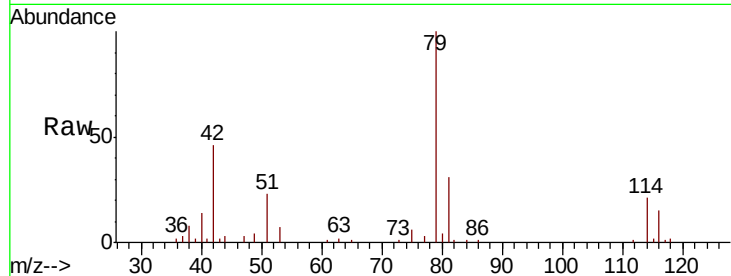




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039264.D
 Acq: 01 Jul 2020 06:34

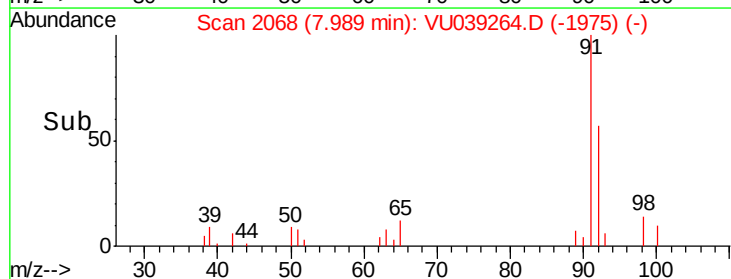
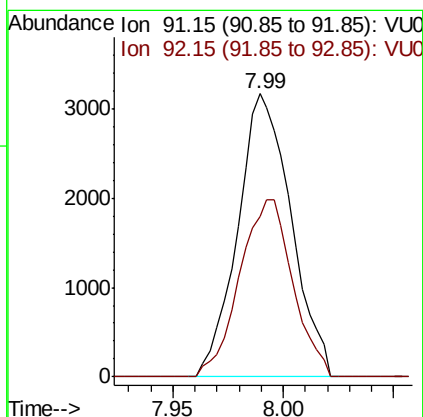
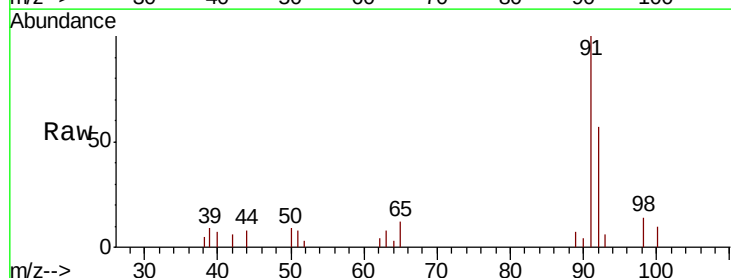
Instrument :
 MSVOA_U
 ClientSampled :

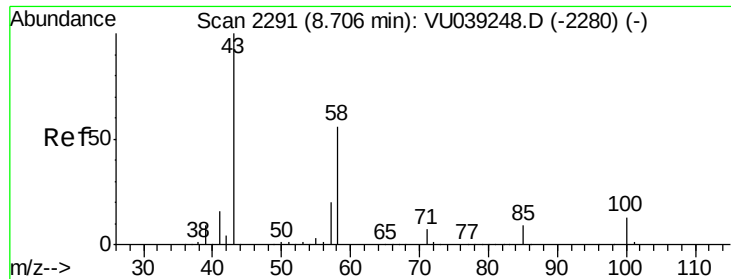
Tot Ion: 75 Resp: 2415
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.5 41.7#



#42
 Toluene
 Concen: 0.089 ug/L
 RT: 7.99 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: VU039264.D
 Acq: 01 Jul 2020 06:34

Tgt Ion: 91 Resp: 5302
 Ion Ratio Lower Upper
 91 100
 92 56.7 41.7 77.5

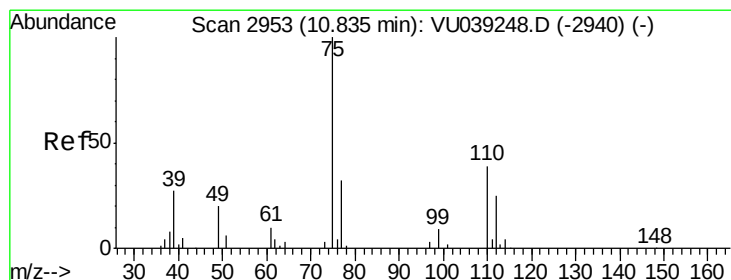
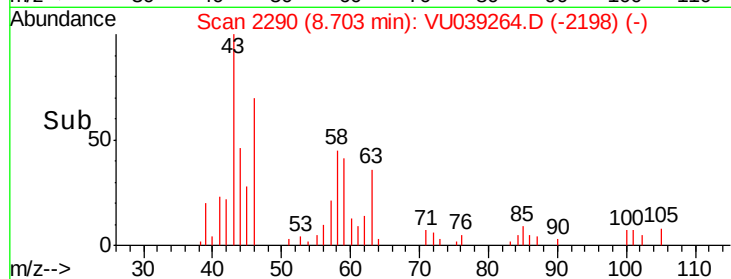
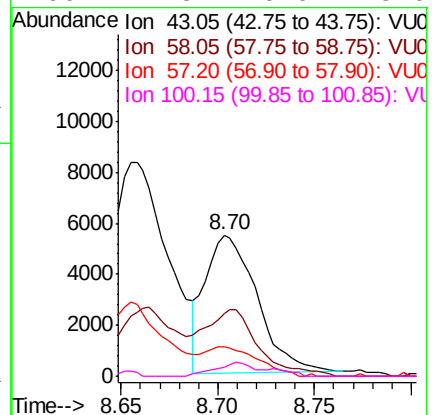
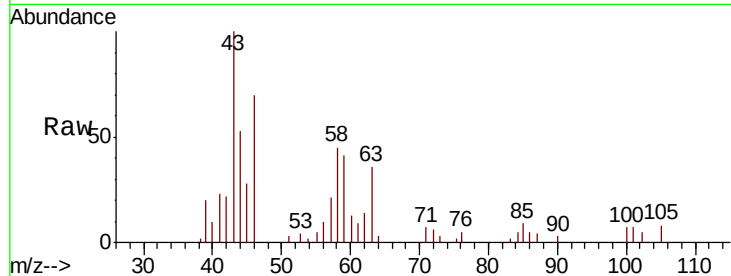




#48
2-Hexanone
Concen: 1.116 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039264.D
Acq: 01 Jul 2020 06:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 10133
Ion Ratio Lower Upper
43 100
58 52.1 43.6 65.4
57 20.9 15.5 23.3
100 7.3 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 0.913 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.99 min
Lab File: VU039264.D
Acq: 01 Jul 2020 06:34

Tgt Ion: 75 Resp: 11084
Ion Ratio Lower Upper
75 100
77 36.4 24.6 36.8

