

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038564.D
 Acq On : 05 Jun 2020 11:53
 Operator : SY/MD
 Sample : L2860-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D23

Quant Time: Jun 06 00:14:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	337768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	335251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61413	2.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.20%
7) Chloroethane-d5	1.93	69	56200	3.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.00%
11) 1,1-Dichloroethene-d2	2.59	63	103737	2.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.20%#
20) 2-Butanone-d5	4.67	46	290323	43.72	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.44%
24) Chloroform-d	5.10	84	155583	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
26) 1,2-Dichloroethane-d4	5.74	65	92493	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
32) Benzene-d6	5.76	84	310039	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	6.72	67	97362	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.92	98	255203	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	8.20	79	39318	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.66	63	243439	44.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90293	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	113257	3.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.00%#

Target Compounds

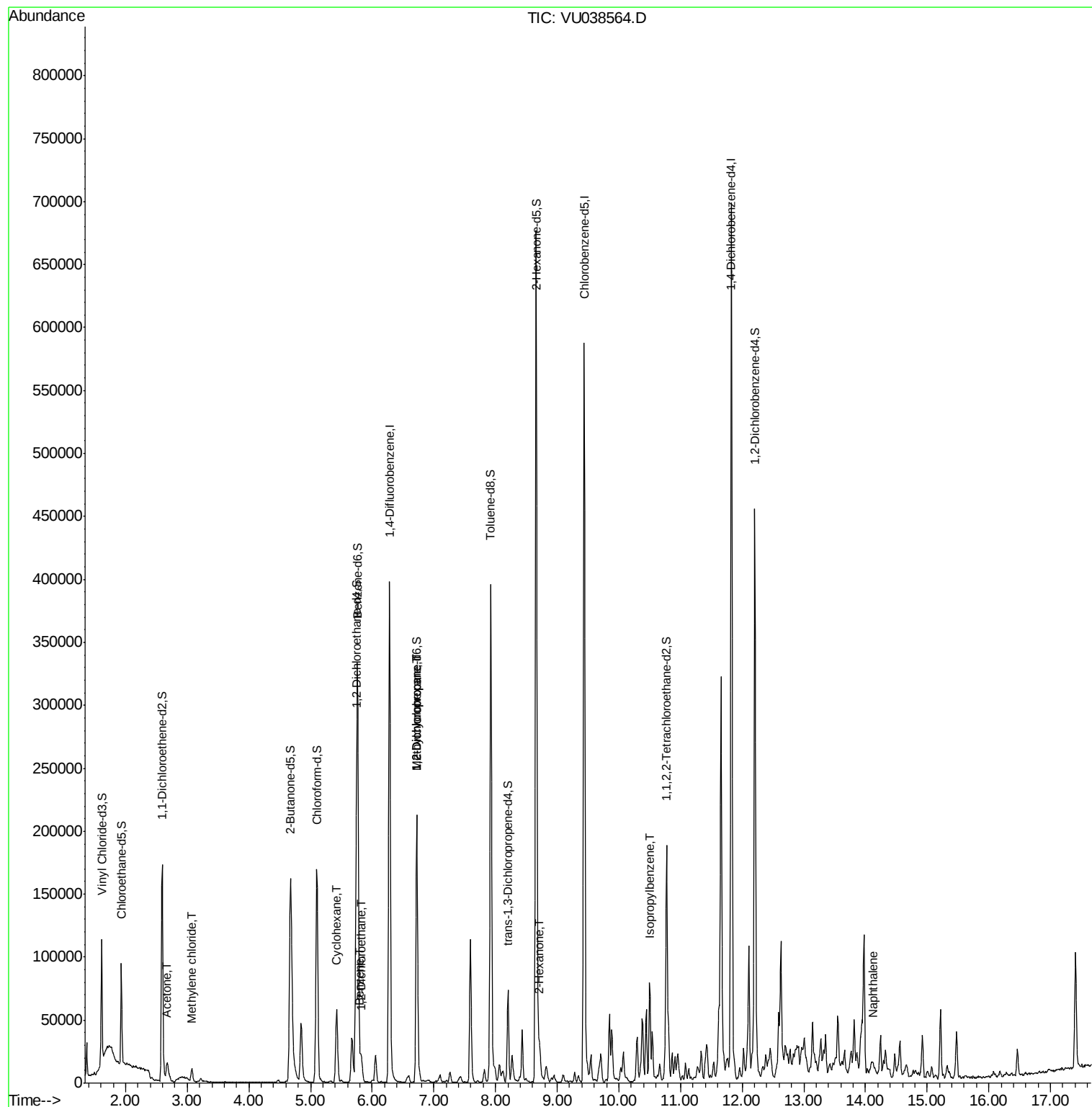
					Ovalue
13) Acetone	2.67	43	24524	5.643	ug/L 77
16) Methylene chloride	3.08	84	2976	0.126	ug/L 82
27) 1,2-Dichloroethane	5.83	62	10814	0.377	ug/L # 94
30) Cyclohexane	5.42	56	27825	0.748	ug/L 98
33) Benzene	5.81	78	12598	0.135	ug/L 100
35) Methylcyclohexane	6.72	83	24282	0.646	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	10766	0.458	ug/L # 86
48) 2-Hexanone	8.71	43	14111	1.108	ug/L # 89
56) Isopropylbenzene	10.50	105	50108	0.473	ug/L 97
69) Naphthalene	14.12	128	8650	0.124	ug/L # 95

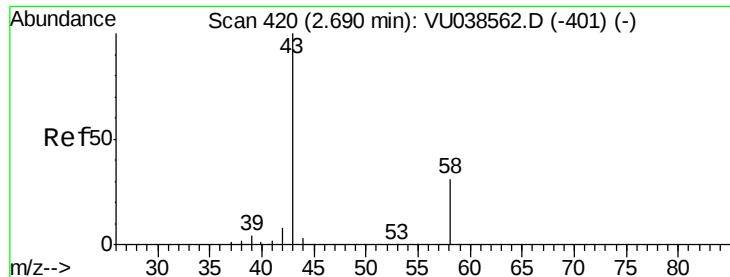
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038564.D
Acq On : 05 Jun 2020 11:53
Operator : SY/MD
Sample : L2860-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D23

Quant Time: Jun 06 00:14:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.643 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038564.D

Acq: 05 Jun 2020 11:53

Instrument :

MSVOA_U

ClientSampleId :

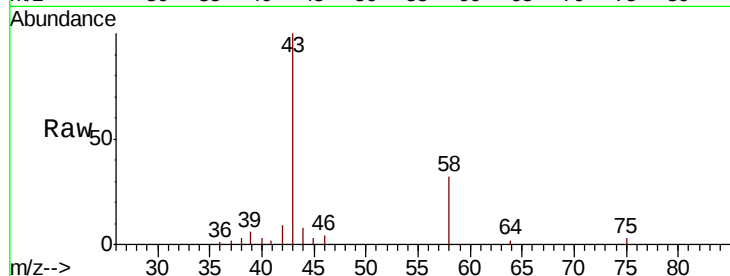
F9D23

Tot Ion: 43 Resp: 24524

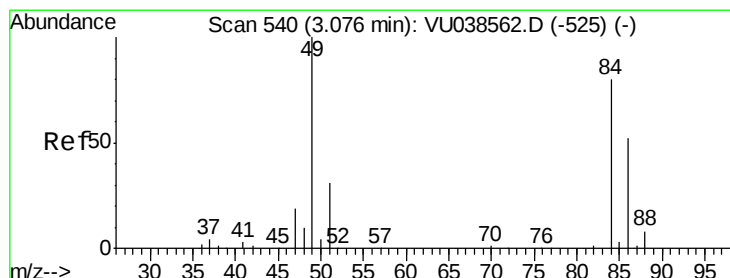
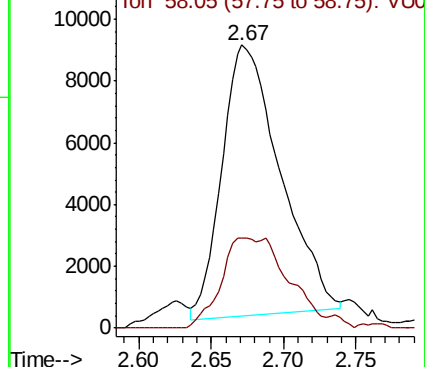
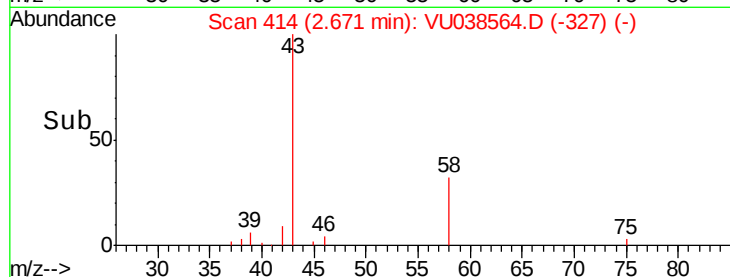
Ion Ratio Lower Upper

43 100

58 20.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038564.D (-327) (-)



#16

Methylene chloride

Concen: 0.126 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038564.D

Acq: 05 Jun 2020 11:53

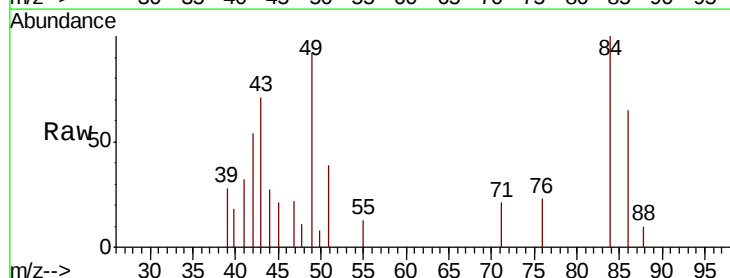
Tgt Ion: 84 Resp: 2976

Ion Ratio Lower Upper

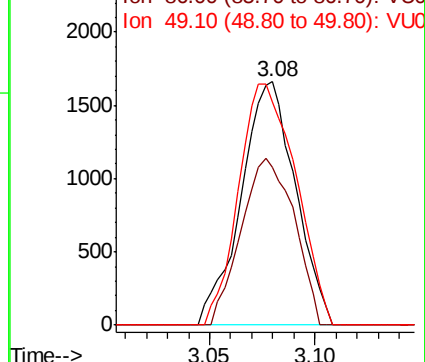
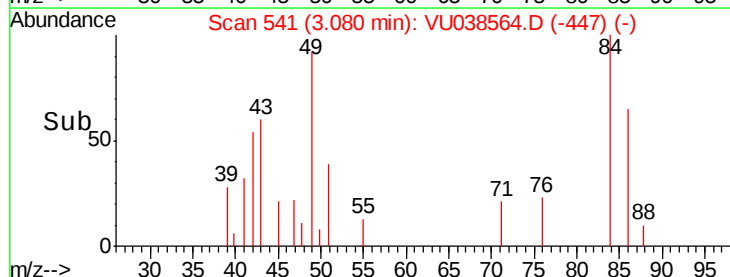
84 100

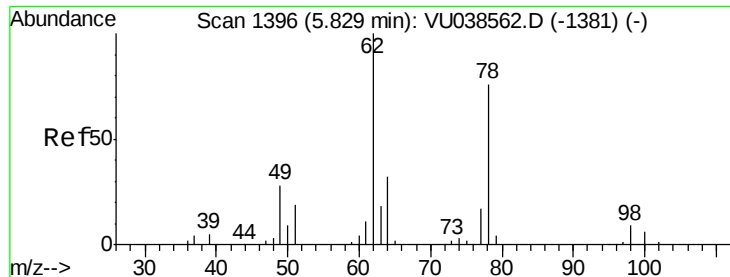
86 64.6 45.0 83.6

49 91.9 85.5 158.9



Abundance Ion 84.05 (83.75 to 84.75): VU038564.D (-447) (-)

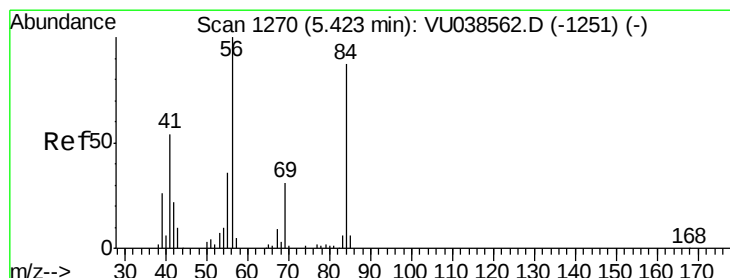
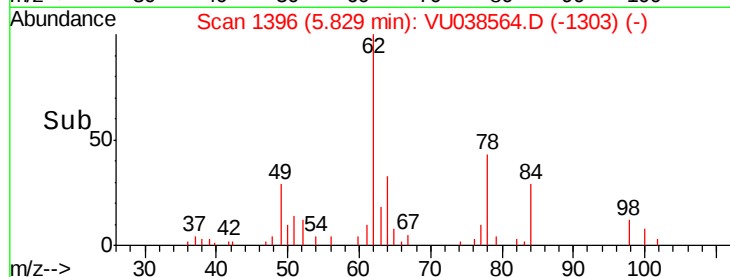
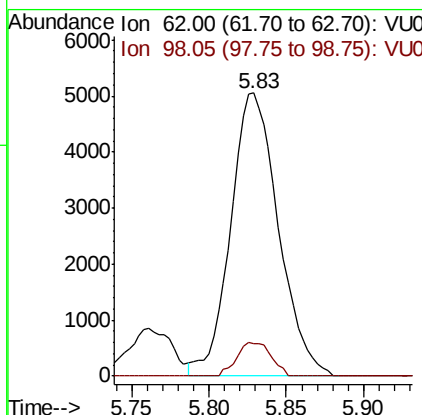
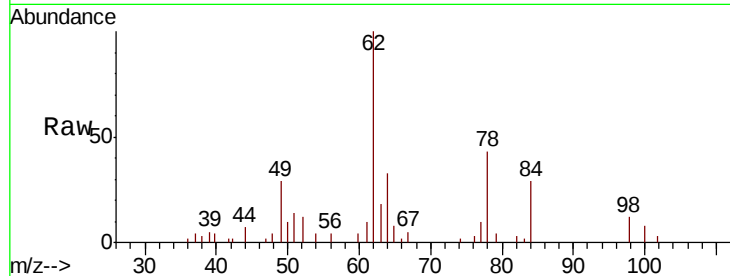




#27
 1,2-Dichloroethane
 Concen: 0.377 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU038564.D
 Acq: 05 Jun 2020 11:53

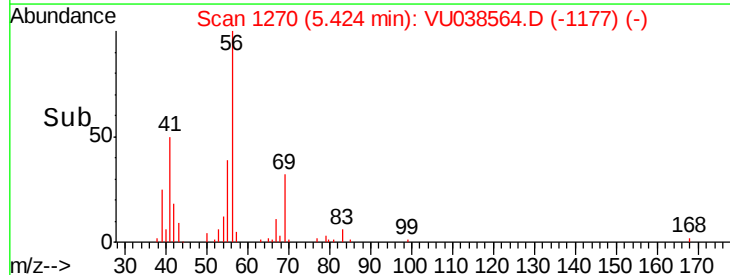
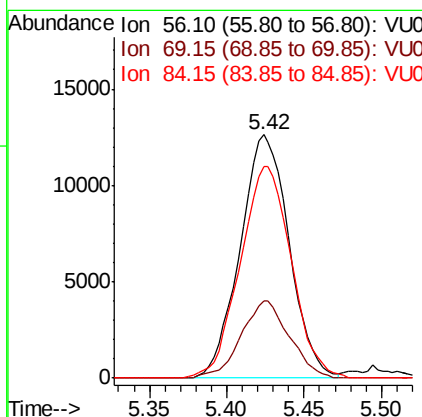
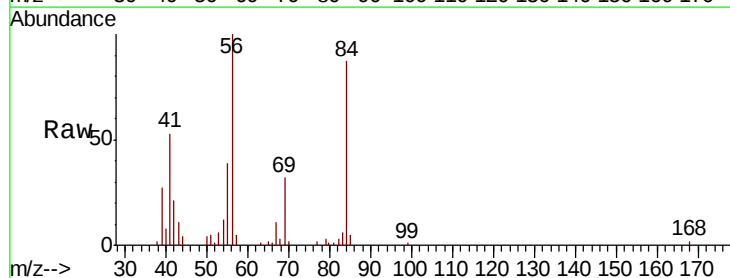
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D23

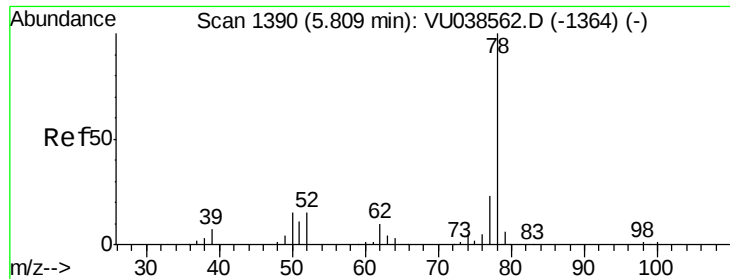
Tot Ion: 62 Resp: 10814
 Ion Ratio Lower Upper
 62 100
 98 11.5 7.4 11.2#



#30
 Cyclohexane
 Concen: 0.748 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VU038564.D
 Acq: 05 Jun 2020 11:53

Tgt Ion: 56 Resp: 27825
 Ion Ratio Lower Upper
 56 100
 69 31.3 24.2 36.4
 84 90.4 70.8 106.2





#33

Benzene

Concen: 0.135 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038564.D

Acq: 05 Jun 2020 11:53

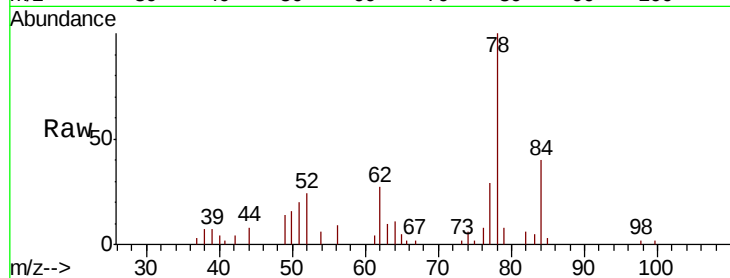
Instrument :

MSVOA_U

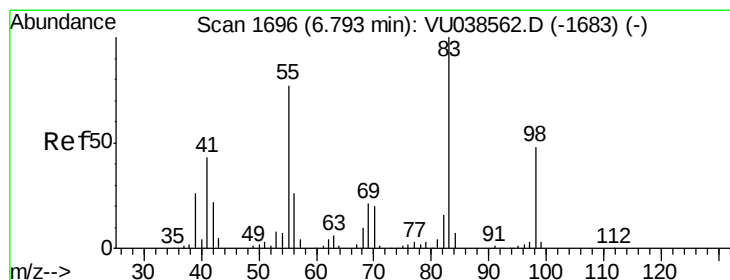
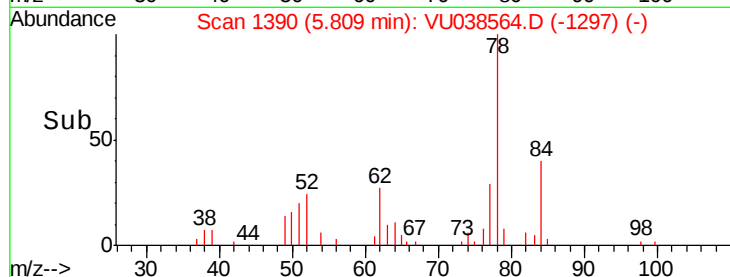
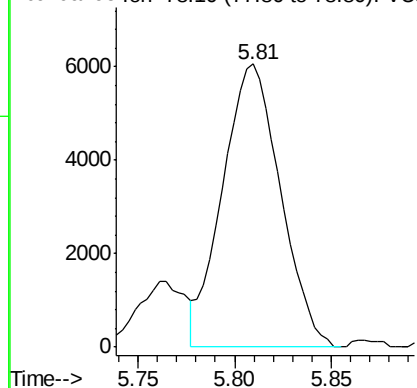
ClientSampled :

F9D23

Tgt Ion: 78 Resp: 12598



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038564.D

Acq: 05 Jun 2020 11:53

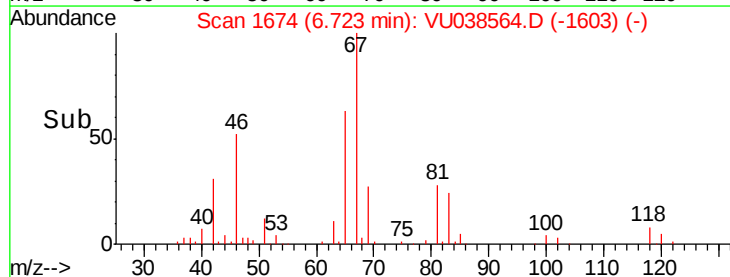
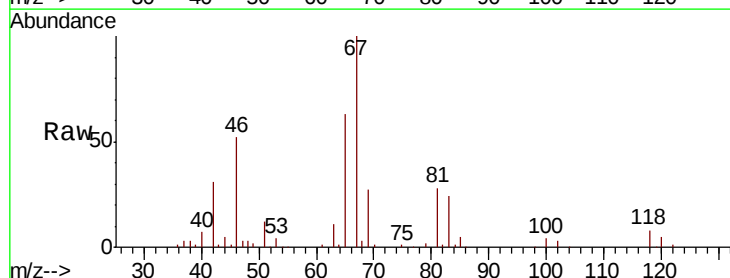
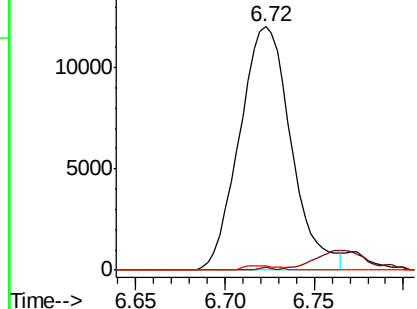
Tgt Ion: 83 Resp: 24282

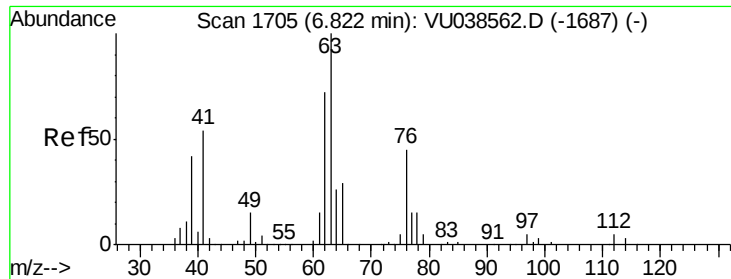
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.2	39.0	58.4#

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

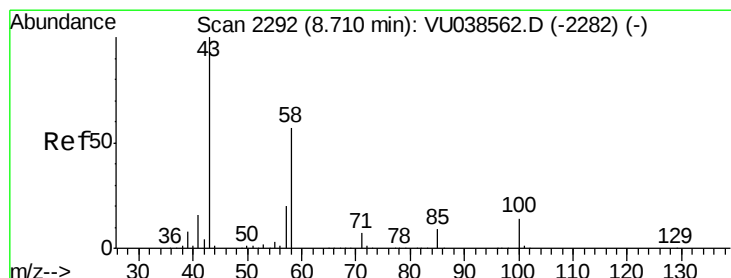
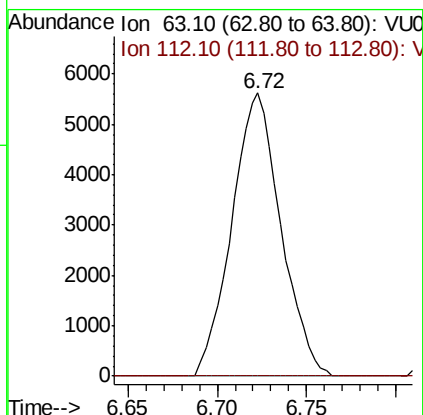
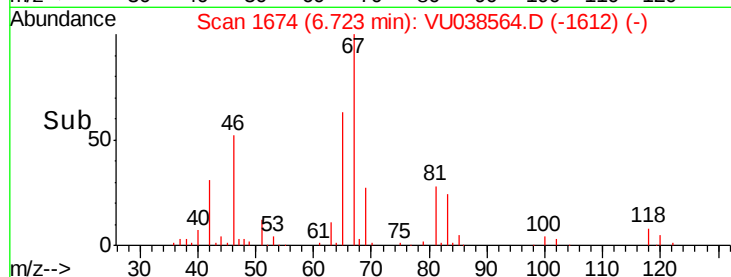
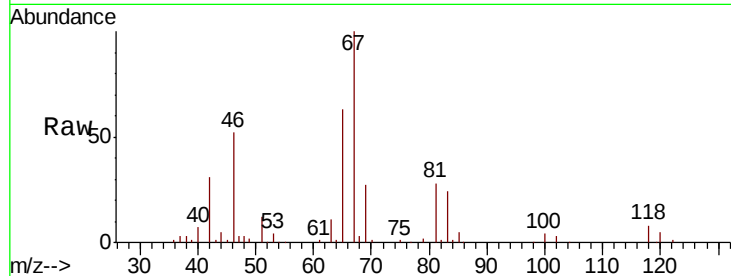




#37
 1,2-Dichloropropane
 Concen: 0.458 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038564.D
 Acq: 05 Jun 2020 11:53

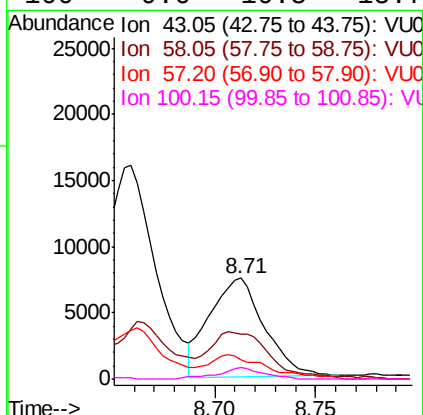
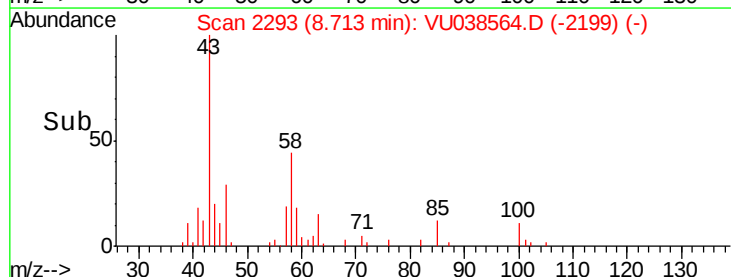
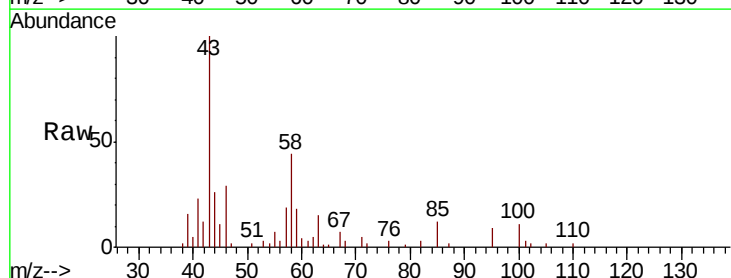
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D23

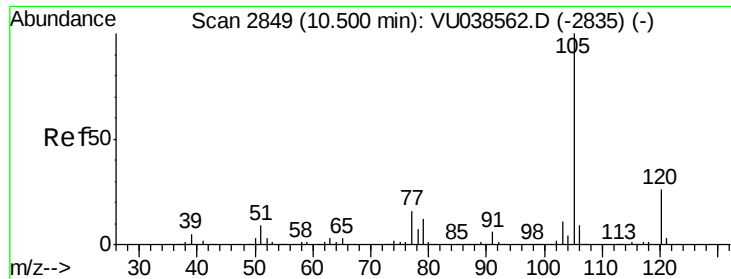
Tot Ion: 63 Resp: 10766
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 1.108 ug/L
 RT: 8.71 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VU038564.D
 Acq: 05 Jun 2020 11:53

Tgt Ion: 43 Resp: 14111
 Ion Ratio Lower Upper
 43 100
 58 48.6 45.4 68.0
 57 25.6 15.9 23.9#
 100 9.6 10.5 15.7#





#56

Isopropylbenzene

Concen: 0.473 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038564.D

Acq: 05 Jun 2020 11:53

Instrument :

MSVOA_U

ClientSampleId :

F9D23

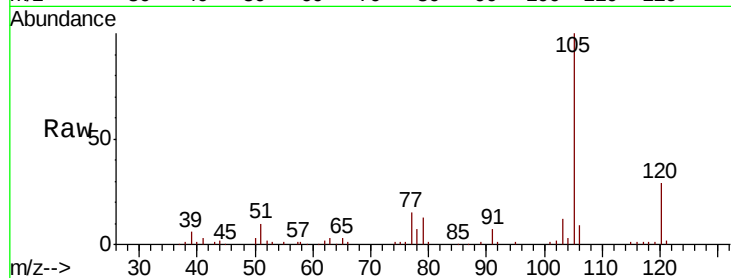
Tot Ion:105 Resp: 50108

Ion Ratio Lower Upper

105 100

120 27.9 20.7 31.1

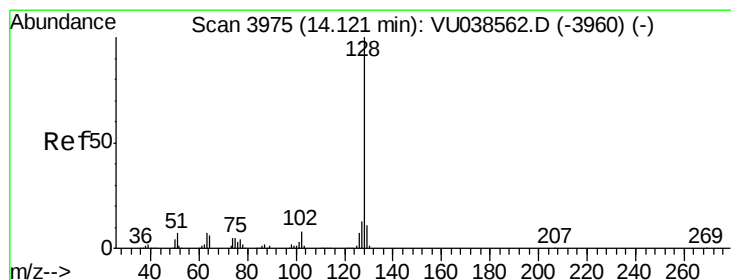
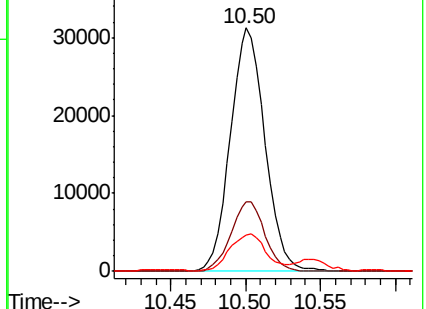
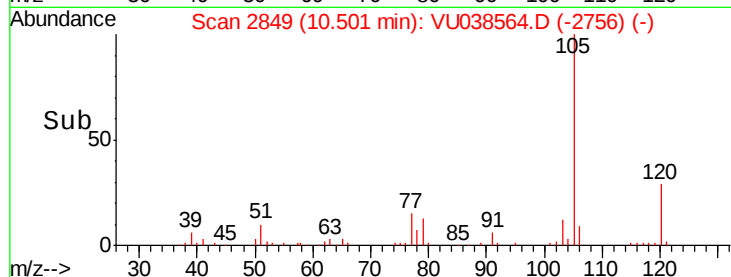
77 16.7 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#69

Naphthalene

Concen: 0.124 ug/L

RT: 14.12 min Scan# 3975

Delta R.T. 0.00 min

Lab File: VU038564.D

Acq: 05 Jun 2020 11:53

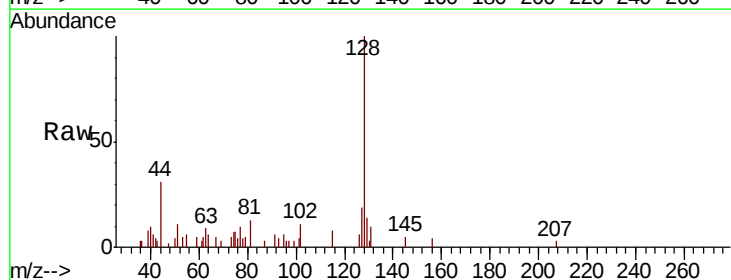
Tgt Ion:128 Resp: 8650

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 9.7 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

