

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039462.D
 Acq On : 11 Jul 2020 04:42
 Operator : SY/MD
 Sample : L3268-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 05:00:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	87255	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39169	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17693	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.92	69	24031	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	29263	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.65	46	143824	62.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.32%
24) Chloroform-d	5.09	84	53956	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	38076	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.75	84	100698	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.71	67	36530	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	87580	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.19	79	14395	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	101928	55.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36541	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	36245	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

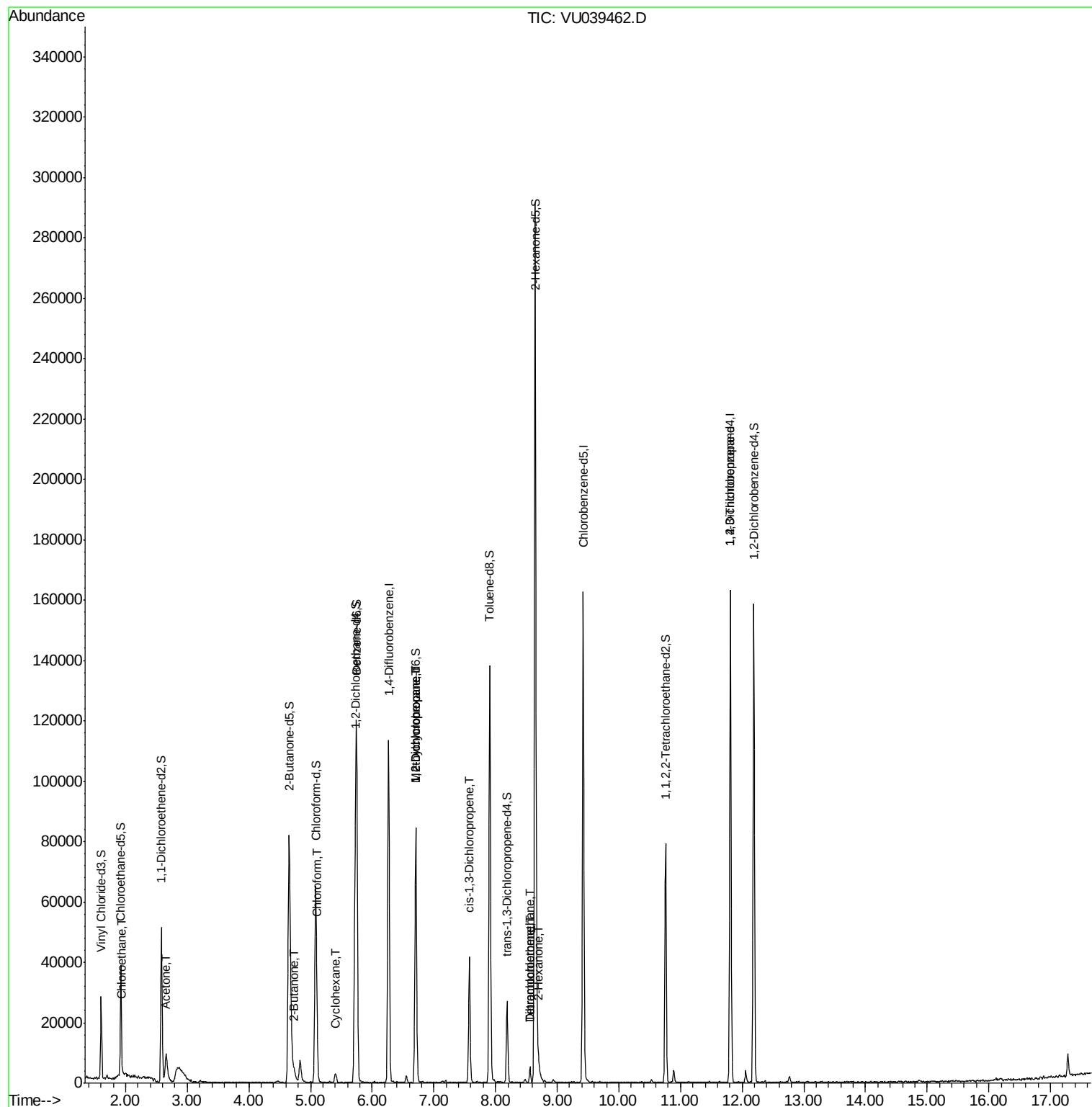
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	633	0.123	ug/L #	41
13) Acetone	2.66	43	16578	13.273	ug/L	96
21) 2-Butanone	4.74	43	3441	1.544	ug/L	93
25) Chloroform	5.11	83	2327	0.205	ug/L	81
30) Cyclohexane	5.41	56	1768	0.173	ug/L #	84
35) Methylcyclohexane	6.70	83	7893	0.775	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4229	0.631	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1225	0.121	ug/L	86
47) Tetrachloroethene	8.56	164	996	0.225	ug/L #	78
48) 2-Hexanone	8.70	43	4606	1.118	ug/L #	83
49) Dibromochloromethane	8.56	129	1005	0.172	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6303	1.276	ug/L	91

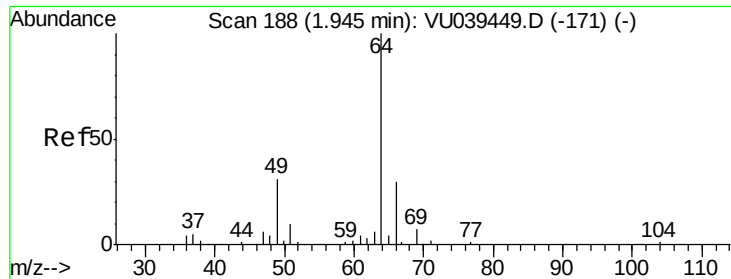
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
Data File : VU039462.D
Acq On : 11 Jul 2020 04:42
Operator : SY/MD
Sample : L3268-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 11 05:04:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 05:00:40 2020
Response via : Initial Calibration

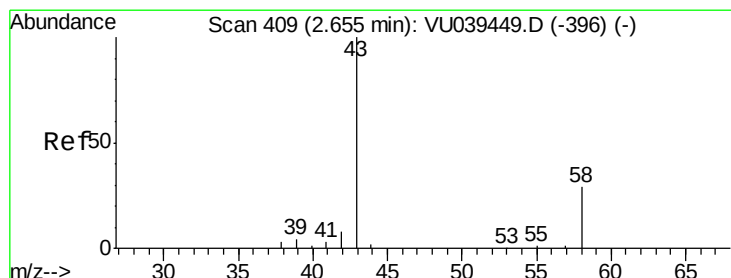
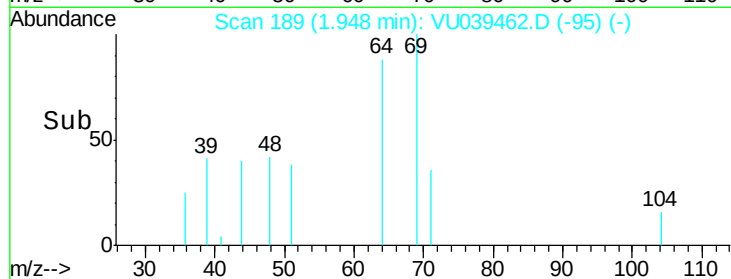
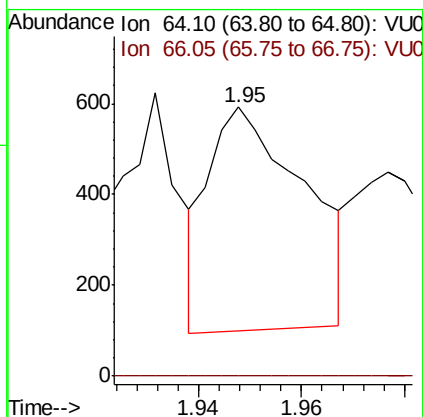
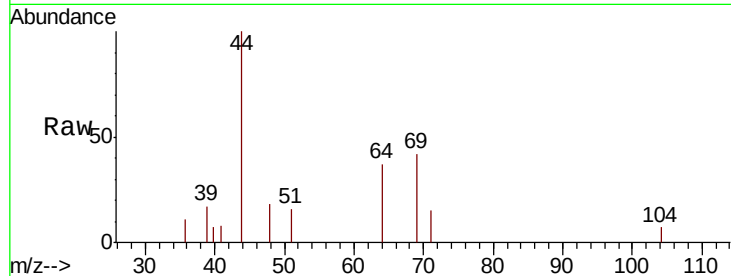




#8
Chloroethane
Concen: 0.123 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU039462.D
Acq: 11 Jul 2020 04:42

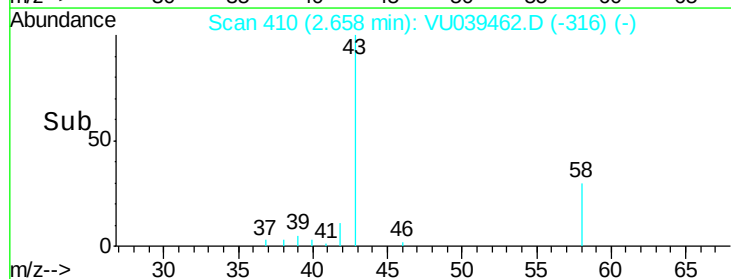
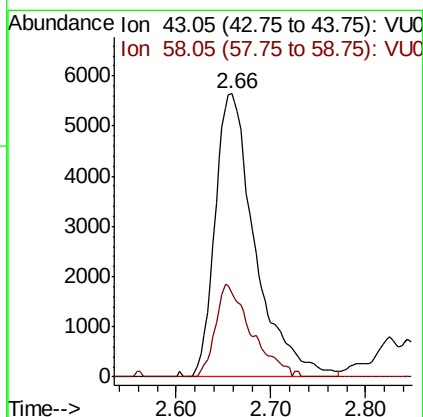
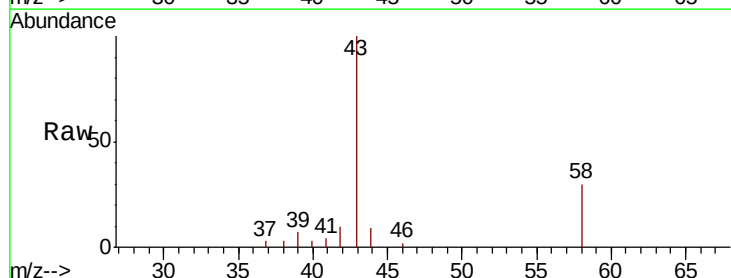
Instrument :
MSVOA_U
ClientSampleId :

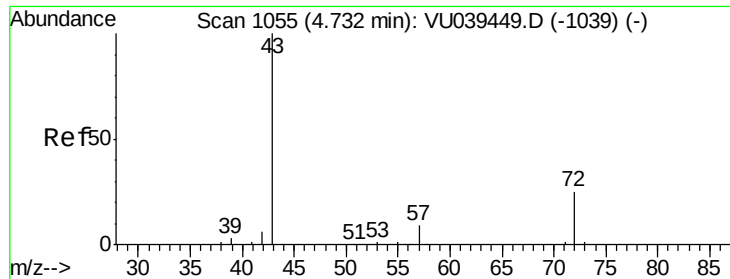
Tot Ion: 64 Resp: 633
Ion Ratio Lower Upper
64 100
66 0.0 23.5 43.7#



#13
Acetone
Concen: 13.273 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU039462.D
Acq: 11 Jul 2020 04:42

Tgt Ion: 43 Resp: 16578
Ion Ratio Lower Upper
43 100
58 29.4 0.0 62.8





#21

2-Butanone

Concen: 1.544 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039462.D

Acq: 11 Jul 2020 04:42

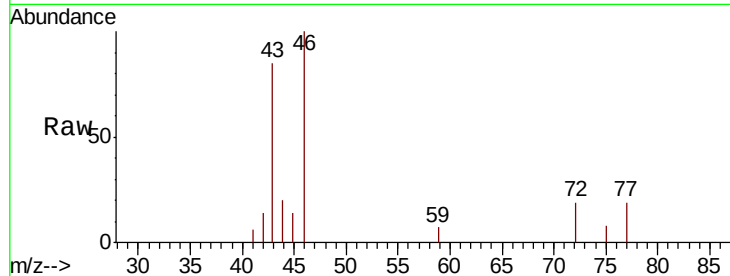
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3441

Ion Ratio Lower Upper

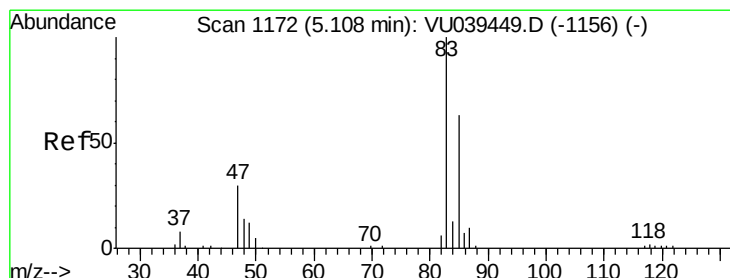
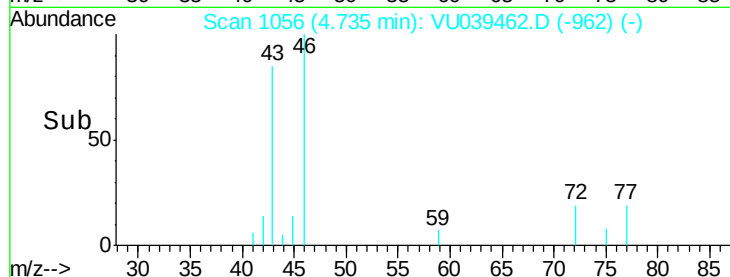
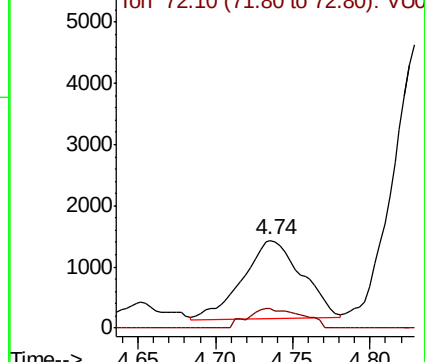
43 100

72 22.7 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039449.D (-1039) (-)

Ion 72.10 (71.80 to 72.80): VU039449.D (-1039) (-)



#25

Chloroform

Concen: 0.205 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039462.D

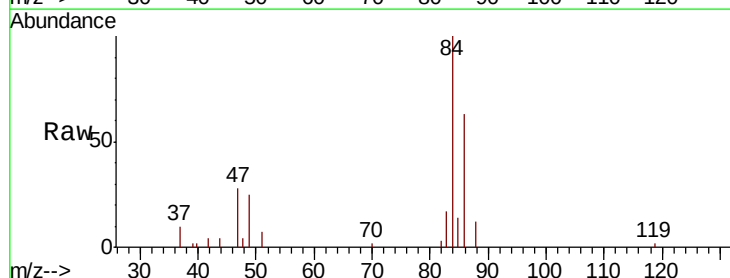
Acq: 11 Jul 2020 04:42

Tgt Ion: 83 Resp: 2327

Ion Ratio Lower Upper

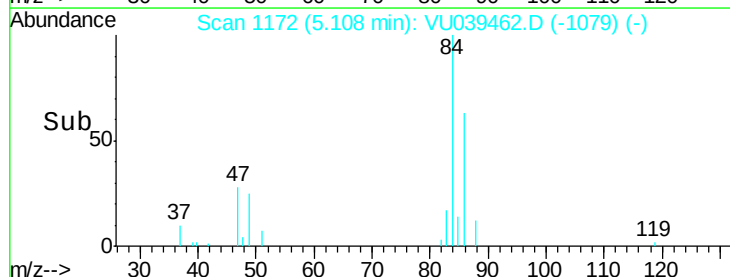
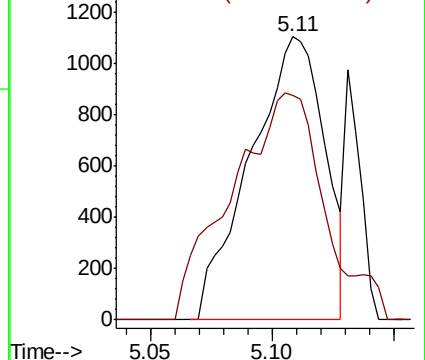
83 100

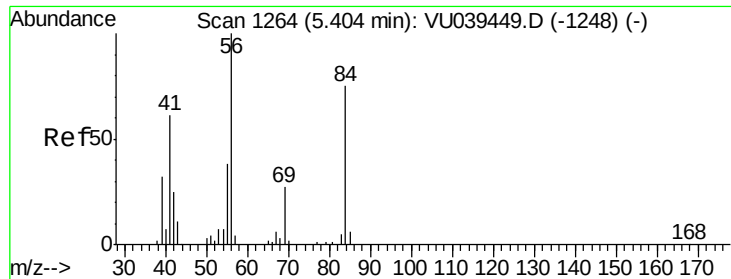
85 79.4 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039449.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU039449.D (-1156) (-)

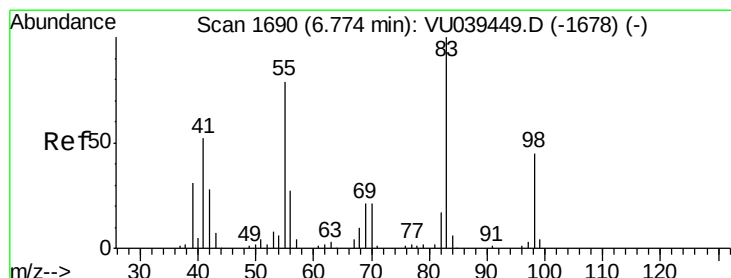
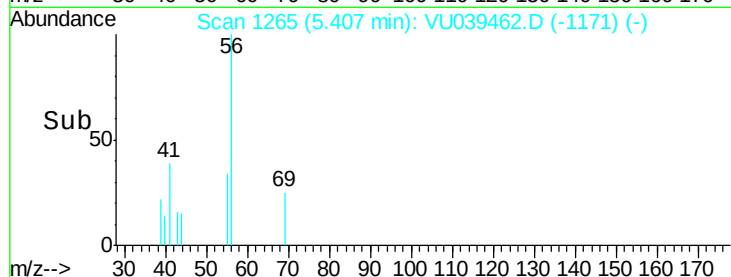
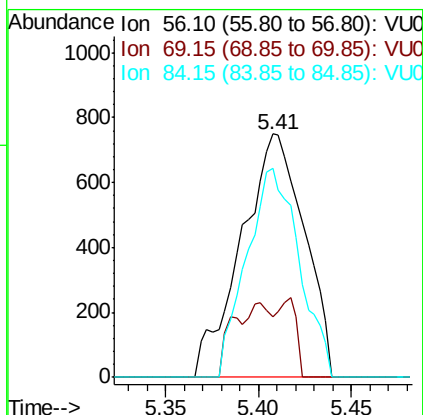
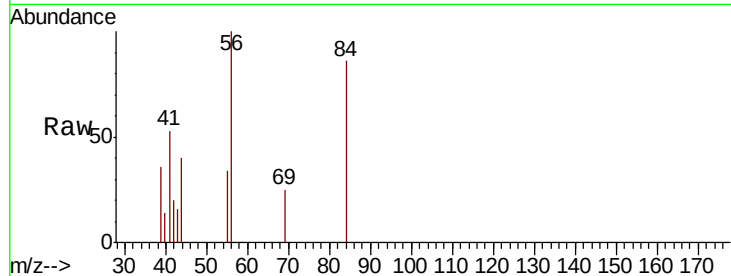




#30
Cyclohexane
Concen: 0.173 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039462.D
Acq: 11 Jul 2020 04:42

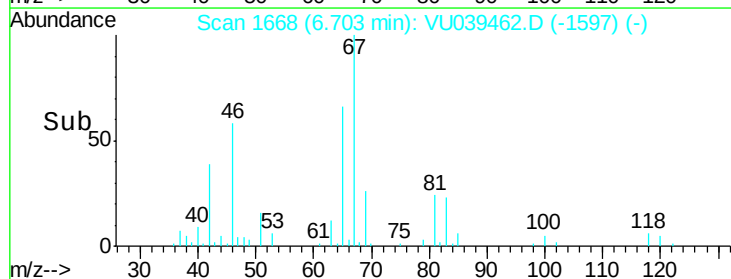
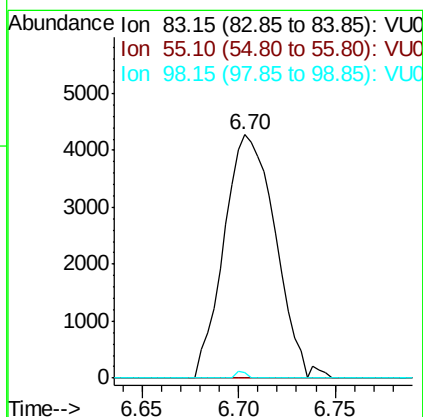
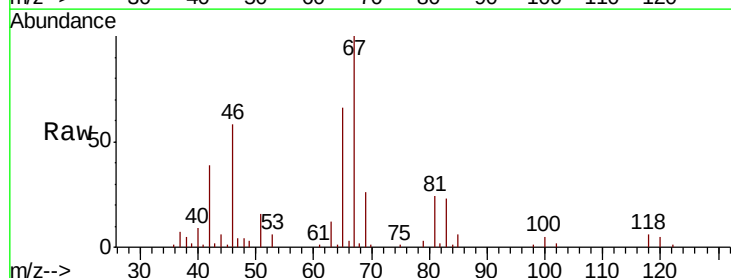
Instrument :
MSVOA_U
ClientSampleId :

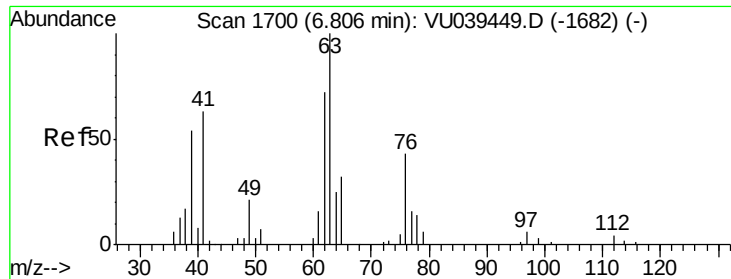
Tot Ion: 56 Resp: 1768
Ion Ratio Lower Upper
56 100
69 18.4 24.1 36.1#
84 71.7 67.0 100.6



#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039462.D
Acq: 11 Jul 2020 04:42

Tgt Ion: 83 Resp: 7893
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.5 35.9 53.9#

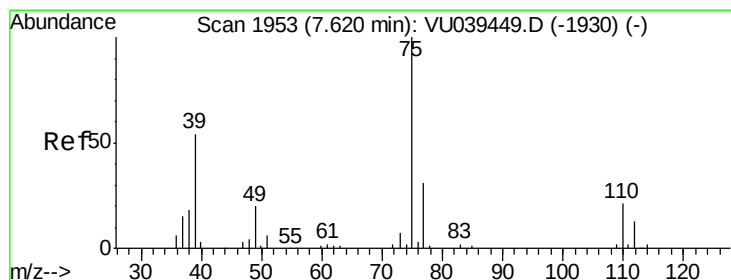
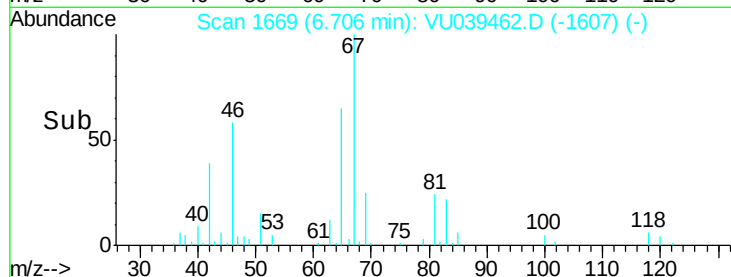
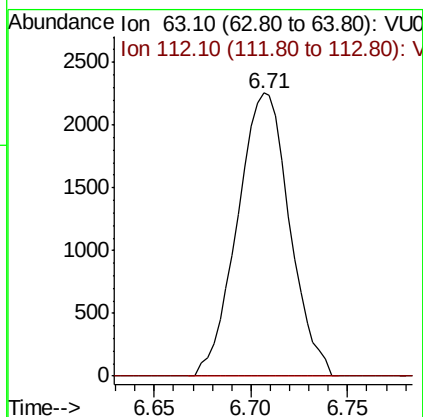
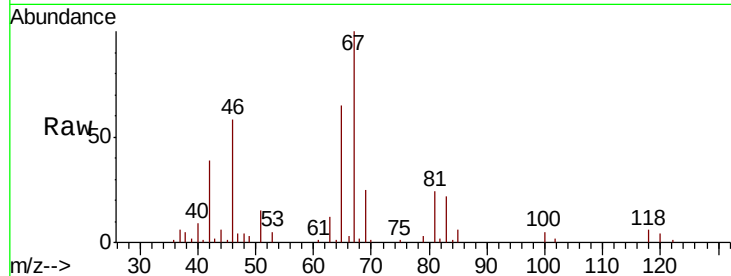




#37
 1,2-Dichloropropane
 Concen: 0.631 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039462.D
 Acq: 11 Jul 2020 04:42

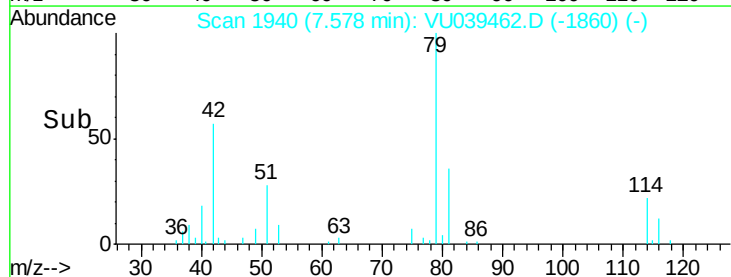
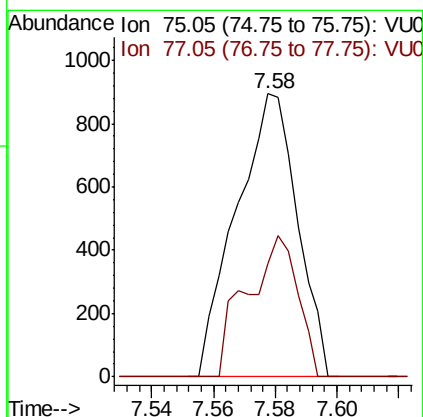
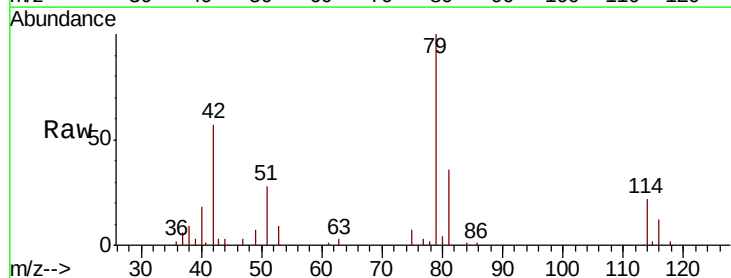
Instrument :
 MSVOA_U
 ClientSampleId :

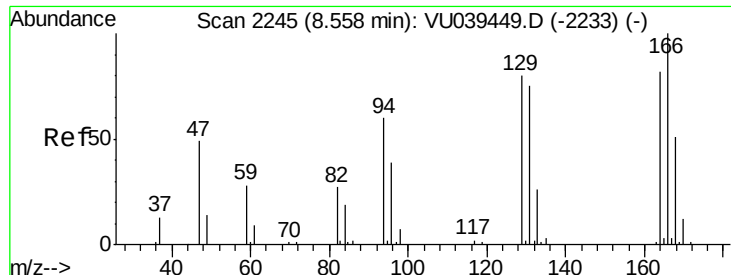
Tot Ion: 63 Resp: 4229
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039462.D
 Acq: 11 Jul 2020 04:42

Tgt Ion: 75 Resp: 1225
 Ion Ratio Lower Upper
 75 100
 77 39.8 22.3 41.3

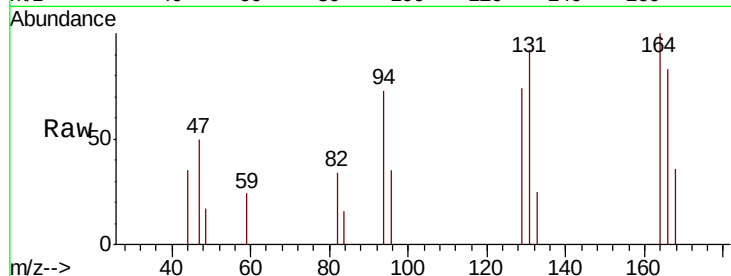




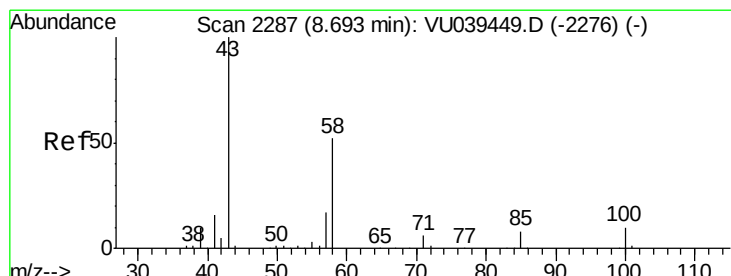
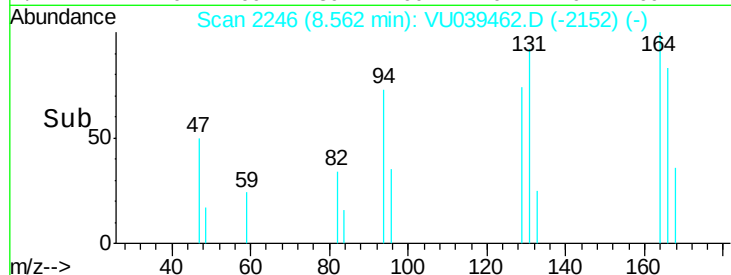
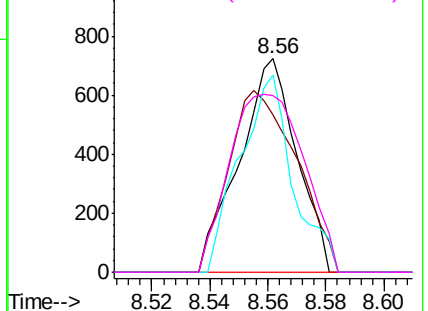
#47
Tetrachloroethene
Concen: 0.225 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039462.D
Acq: 11 Jul 2020 04:42

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 996
Ion Ratio Lower Upper
164 100
129 73.8 68.6 127.4
131 92.4 66.4 123.4
166 82.9 85.9 159.5#

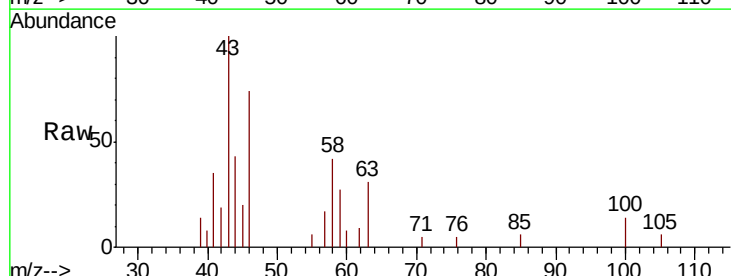


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

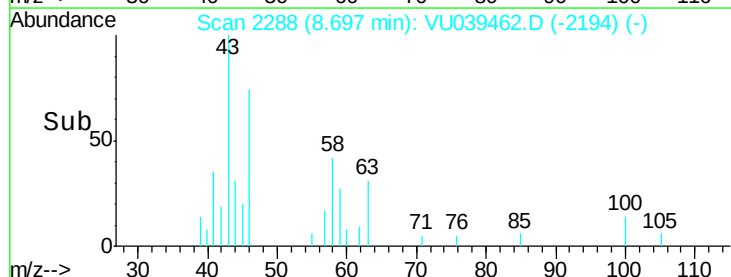
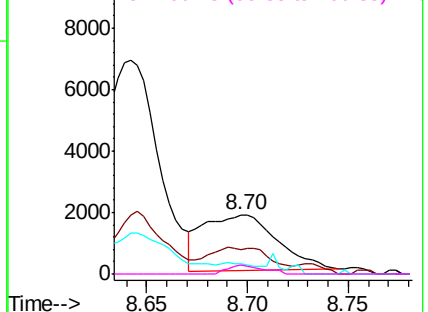


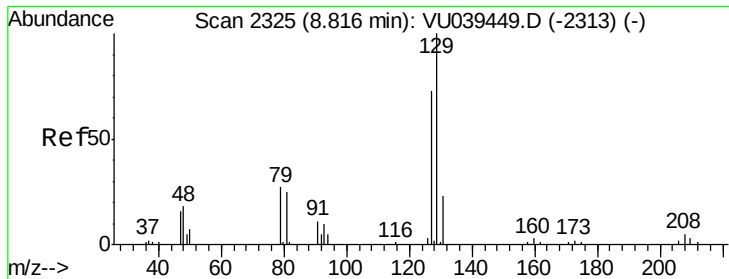
#48
2-Hexanone
Concen: 1.118 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039462.D
Acq: 11 Jul 2020 04:42

Tgt Ion: 43 Resp: 4606
Ion Ratio Lower Upper
43 100
58 39.8 42.0 63.0#
57 9.2 14.0 21.0#
100 7.6 8.2 12.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.172 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039462.D

Acq: 11 Jul 2020 04:42

Instrument :

MSVOA_U

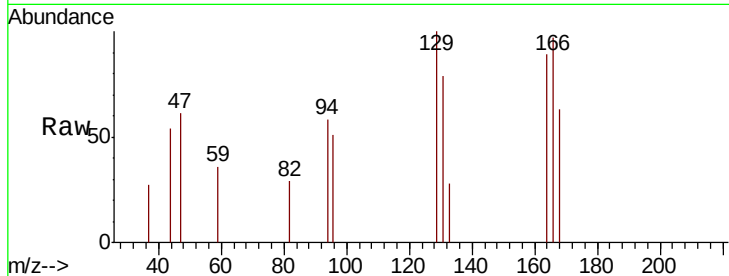
ClientSampled :

Tot Ion:129 Resp: 1005

Ion Ratio Lower Upper

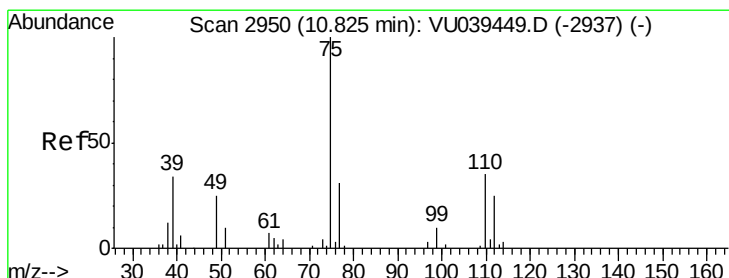
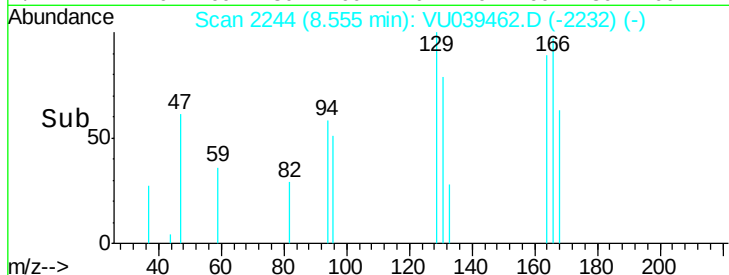
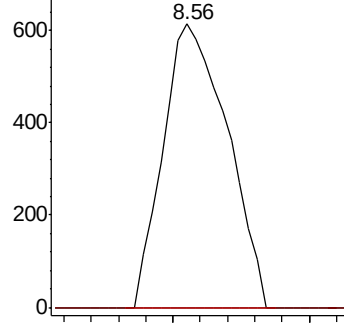
129 100

127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.276 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039462.D

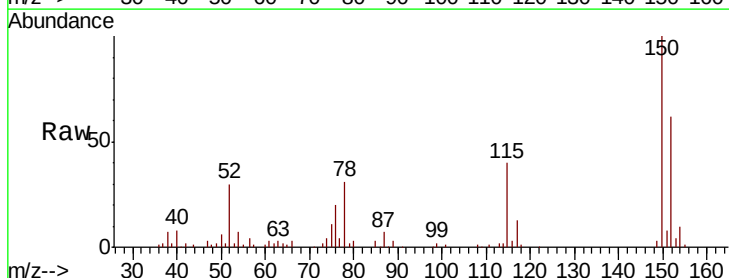
Acq: 11 Jul 2020 04:42

Tgt Ion: 75 Resp: 6303

Ion Ratio Lower Upper

75 100

77 38.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

