

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039453.D
 Acq On : 11 Jul 2020 01:14
 Operator : SY/MD
 Sample : L3268-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:02:50 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	88389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84175	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19151	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.93	69	24268	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	31477	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.65	46	138183	58.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.90%
24) Chloroform-d	5.08	84	56724	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	37423	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.75	84	105026	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.71	67	37324	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.91	98	87888	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	14546	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	101147	54.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.48%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36075	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	35671	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

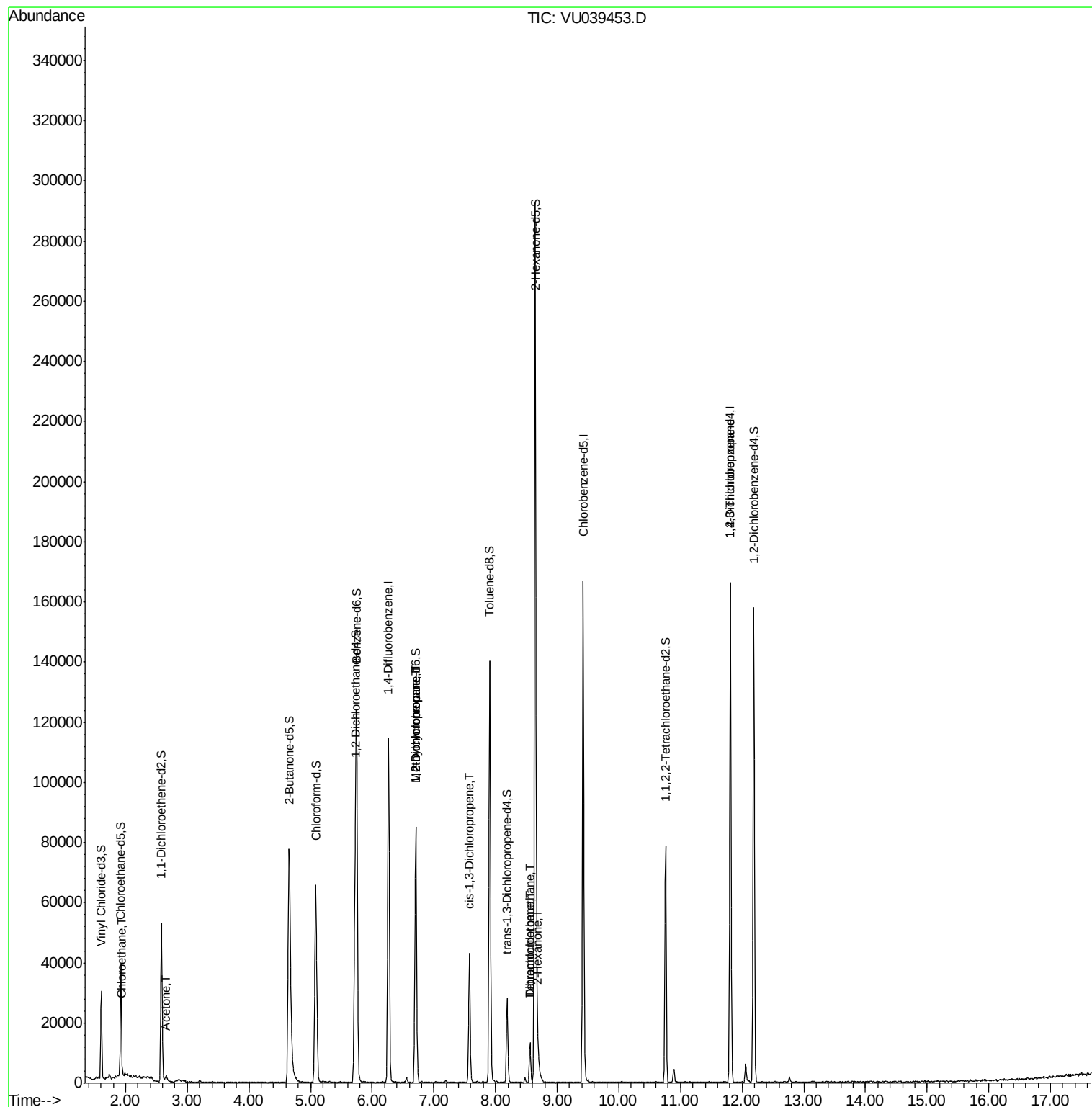
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	930	0.179	ug/L #	41
13) Acetone	2.66	43	3607	2.851	ug/L	77
35) Methylcyclohexane	6.71	83	8132	0.780	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4569	0.666	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1285	0.124	ug/L #	70
47) Tetrachloroethene	8.56	164	2506	0.554	ug/L	91
48) 2-Hexanone	8.69	43	4921	1.166	ug/L #	85
49) Dibromochloromethane	8.56	129	2520	0.422	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6769	1.339	ug/L	94

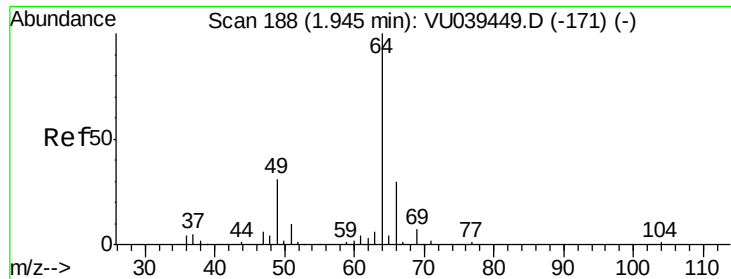
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 05:00:40 2020
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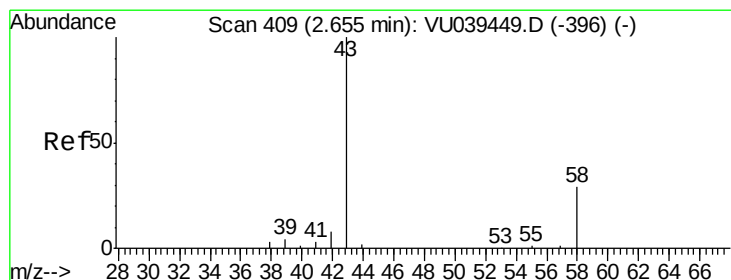
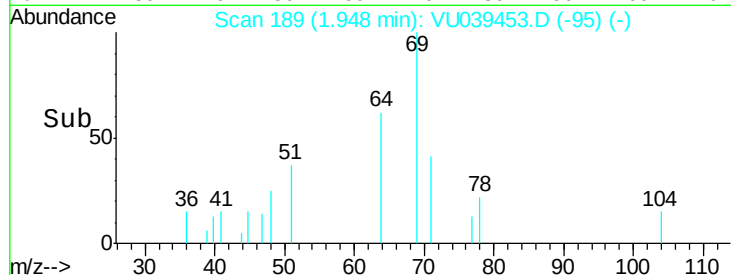
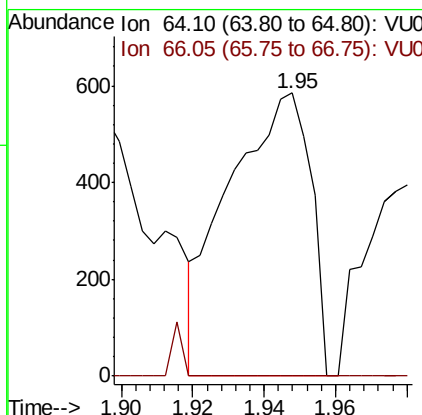
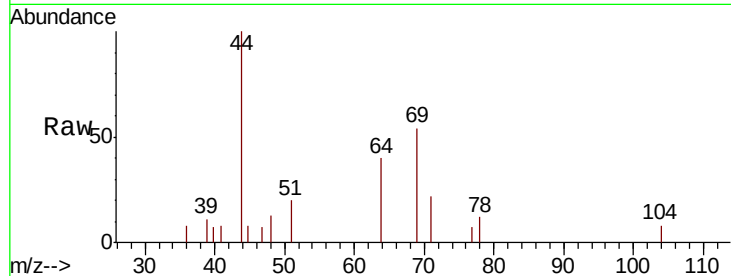




#8
 Chloroethane
 Concen: 0.179 ug/L
 RT: 1.95 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: VU039453.D
 Acq: 11 Jul 2020 01:14

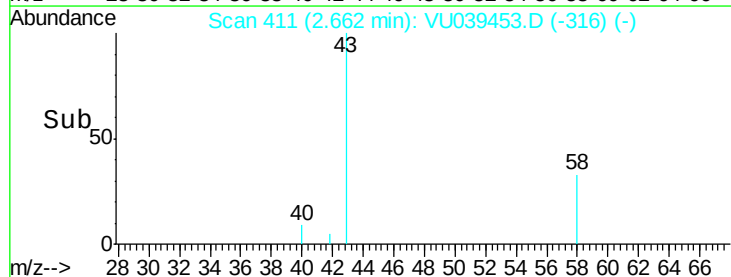
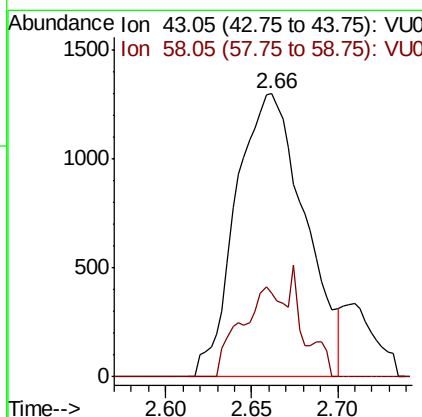
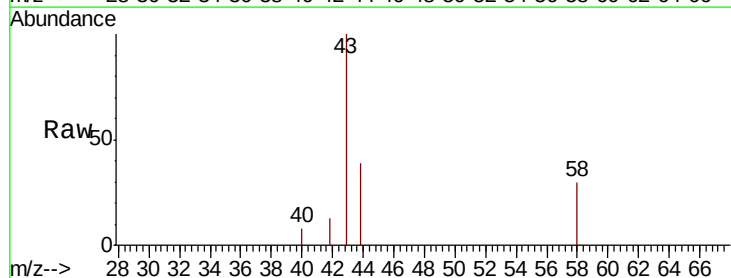
Instrument :
 MSVOA_U
 ClientSampleId :

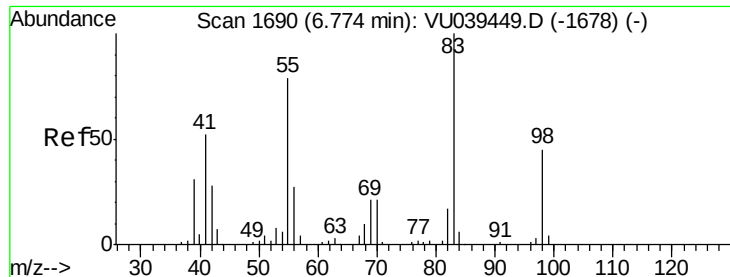
Tot Ion: 64 Resp: 930
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.5 43.7#



#13
 Acetone
 Concen: 2.851 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: VU039453.D
 Acq: 11 Jul 2020 01:14

Tgt Ion: 43 Resp: 3607
 Ion Ratio Lower Upper
 43 100
 58 18.4 0.0 62.8

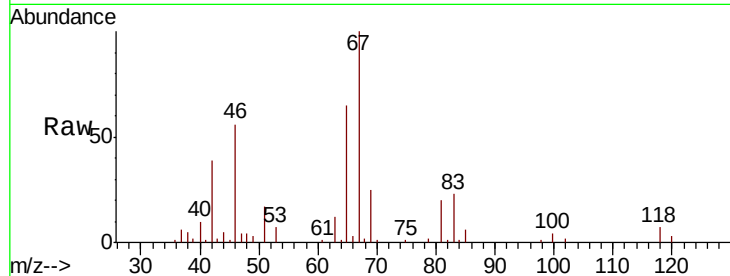




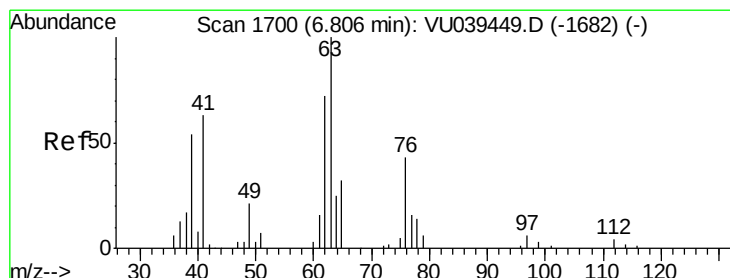
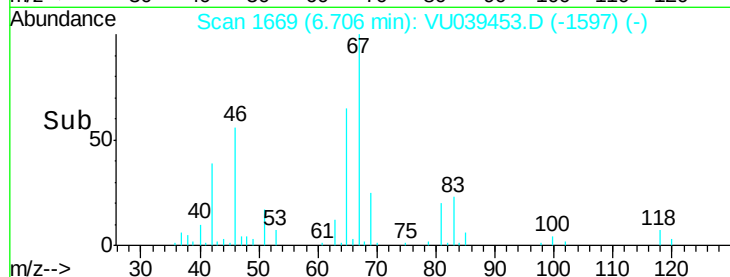
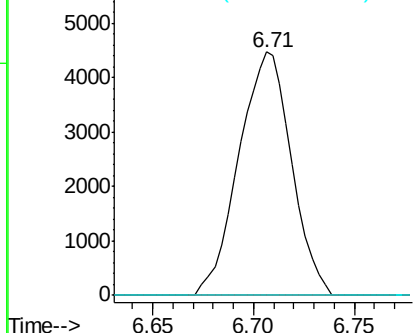
#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039453.D
Acq: 11 Jul 2020 01:14

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 8132
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

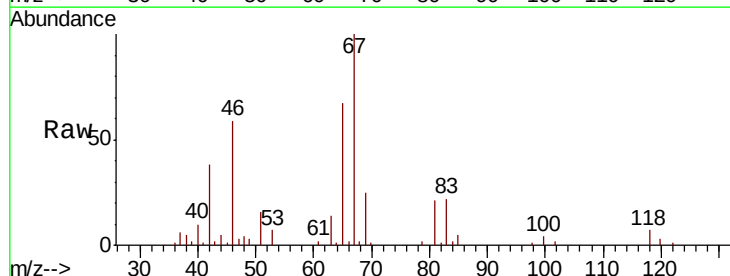


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

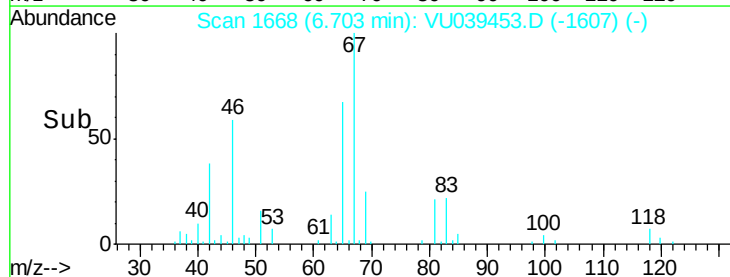
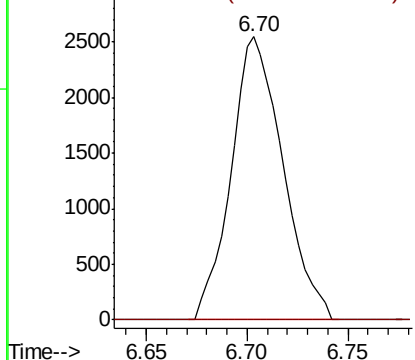


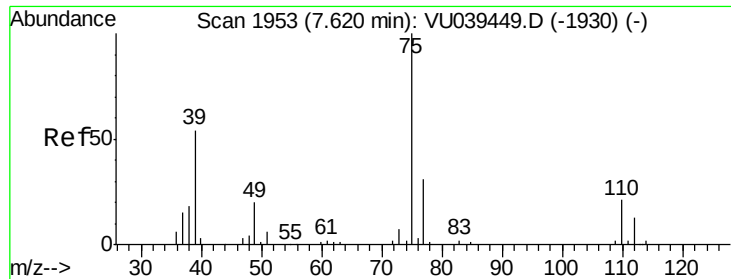
#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039453.D
Acq: 11 Jul 2020 01:14

Tgt Ion: 63 Resp: 4569
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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



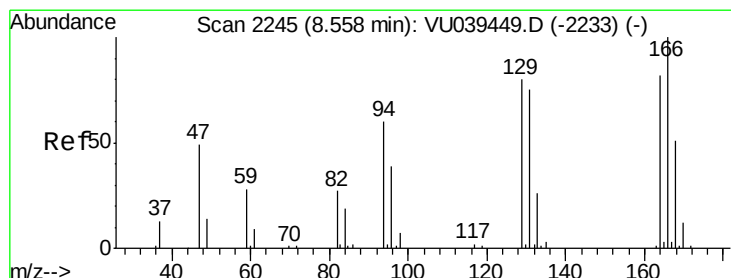
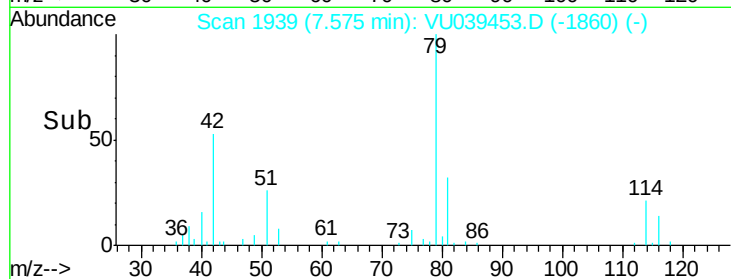
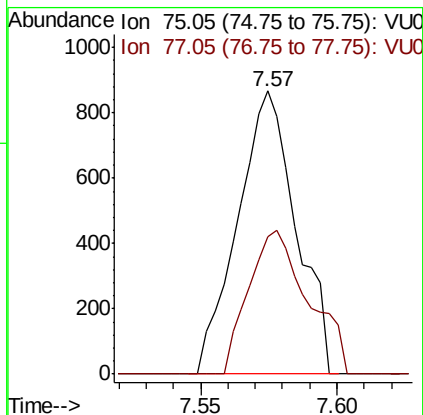
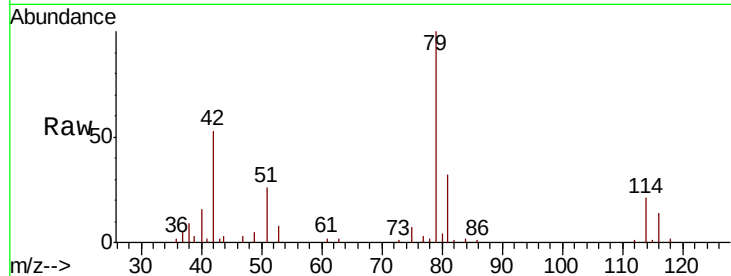


#39

cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039453.D
 Acq: 11 Jul 2020 01:14

Instrument :
 MSVOA_U
 ClientSampleId :

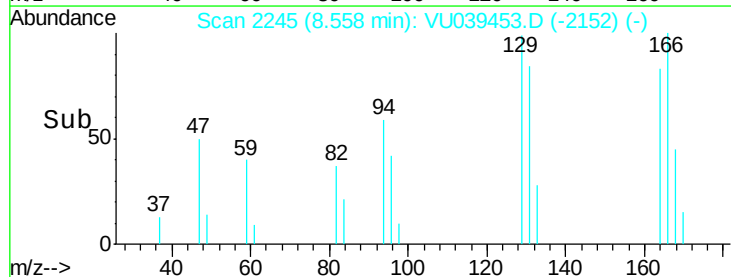
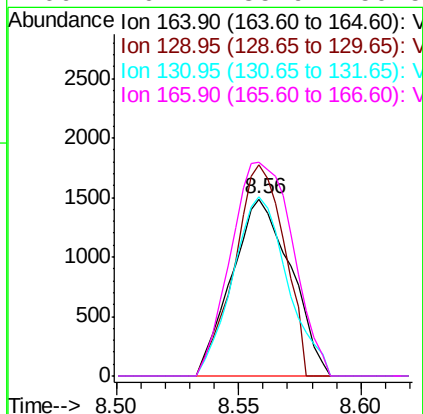
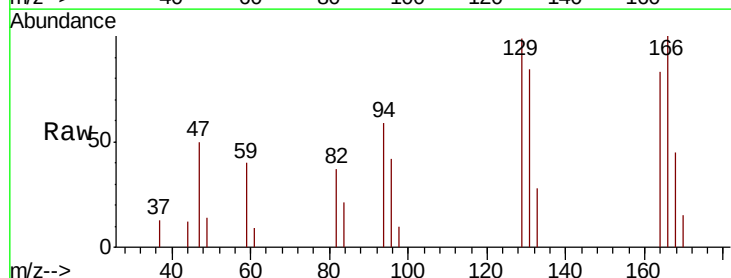
Tot Ion: 75 Resp: 1285
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.3 41.3#

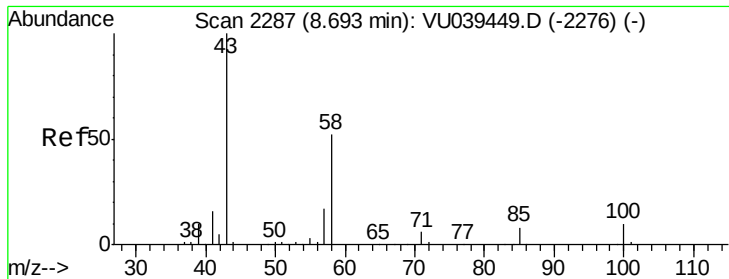


#47

Tetrachloroethene
 Concen: 0.554 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU039453.D
 Acq: 11 Jul 2020 01:14

Tgt Ion:164 Resp: 2506
 Ion Ratio Lower Upper
 164 100
 129 119.2 68.6 127.4
 131 100.9 66.4 123.4
 166 120.7 85.9 159.5

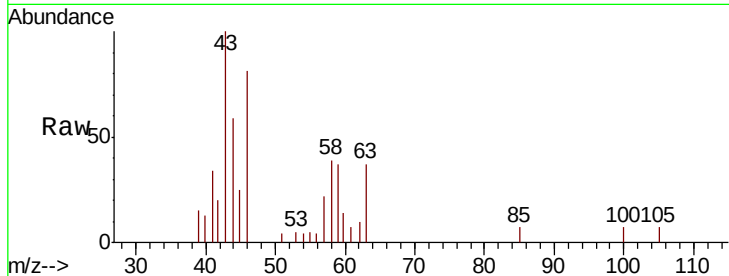




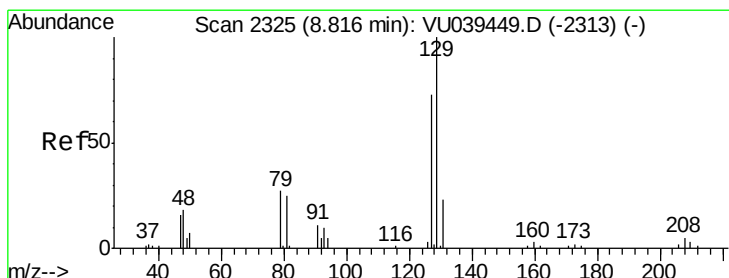
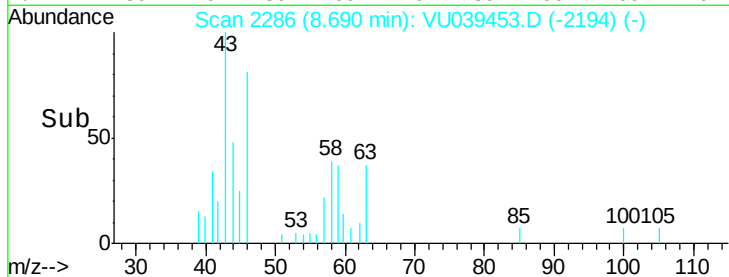
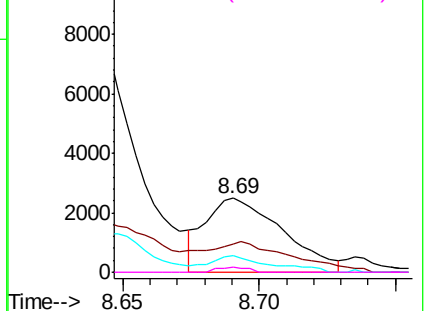
#48
2-Hexanone
Concen: 1.166 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU039453.D
Acq: 11 Jul 2020 01:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 4921
Ion Ratio Lower Upper
43 100
58 39.0 42.0 63.0#
57 17.4 14.0 21.0
100 2.7 8.2 12.2#

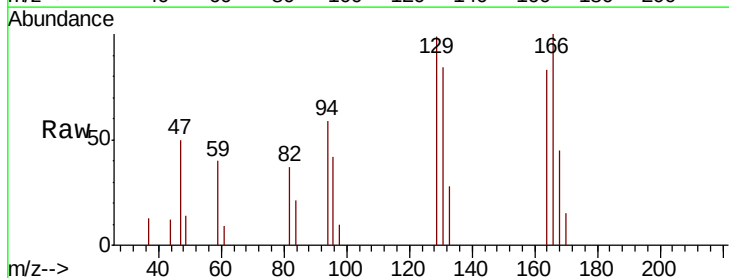


Abundance Ion 43.05 (42.75 to 43.75): VU039449.D (-2276) (-)
Ion 58.05 (57.75 to 58.75): VU039449.D (-2276) (-)
Ion 57.20 (56.90 to 57.90): VU039449.D (-2276) (-)
Ion 100.15 (99.85 to 100.85): VU039449.D (-2276) (-)

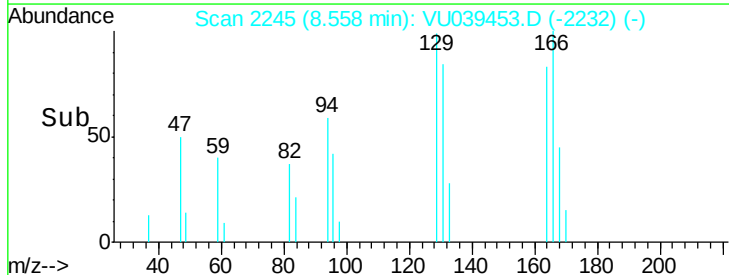
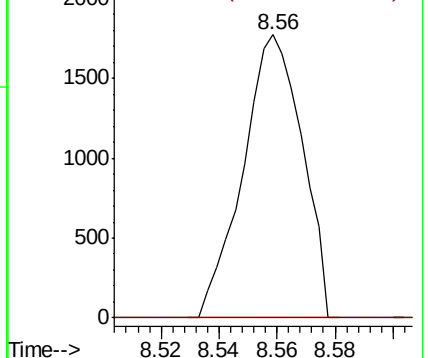


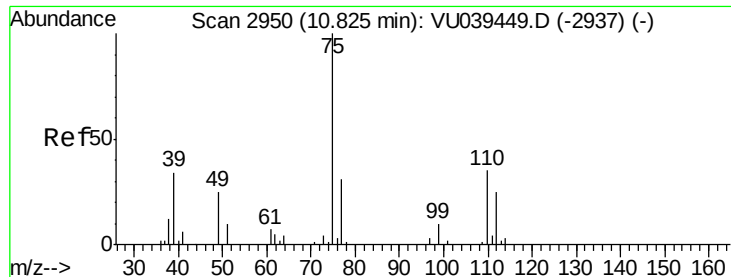
#49
Dibromochloromethane
Concen: 0.422 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039453.D
Acq: 11 Jul 2020 01:14

Tgt Ion: 129 Resp: 2520
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): VU039449.D (-2313) (-)
Ion 126.90 (126.60 to 127.60): VU039449.D (-2313) (-)





#59

1,2,3-Trichloropropane

Concen: 1.339 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039453.D

Acq: 11 Jul 2020 01:14

Instrument :

MSVOA_U

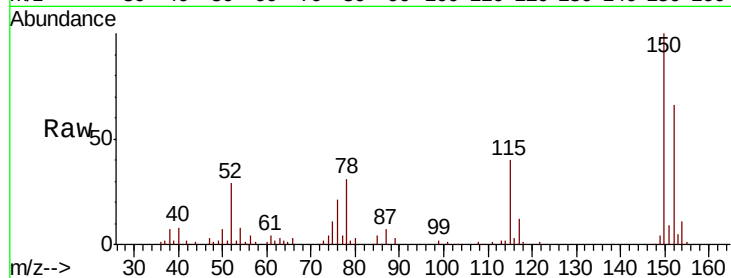
ClientSampleId :

Tot Ion: 75 Resp: 6769

Ion Ratio Lower Upper

75 100

77 37.0 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

