

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039358.D
 Acq On : 08 Jul 2020 19:25
 Operator : SY/MD
 Sample : L3243-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A66

Quant Time: Jul 09 02:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	102186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28733	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	30862	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	45723	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.66	46	161175	59.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.96%
24) Chloroform-d	5.09	84	71078	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.72	65	44848	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.75	84	136835	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.40%
36) 1,2-Dichloropropane-d6	6.71	67	46575	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.91	98	118775	6.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.60%
43) trans-1,3-Dichloropropene-	8.19	79	19548	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.64	63	119318	57.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44441	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46782	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

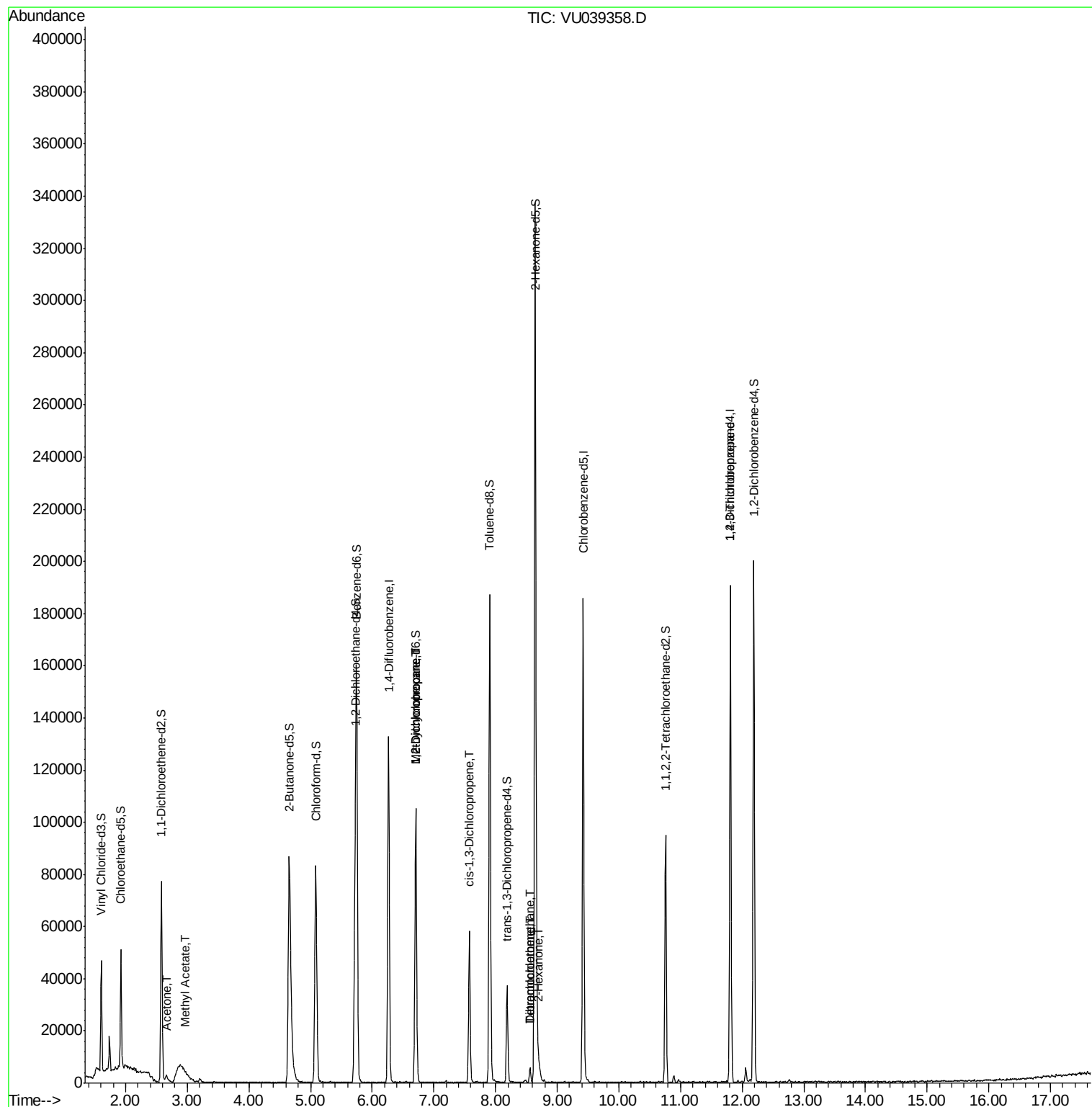
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	4513	3.085	ug/L	75
15) Methyl Acetate	2.98	43	811	0.210	ug/L #	52
35) Methylcyclohexane	6.71	83	10173	0.871	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5248	0.682	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1624	0.140	ug/L #	71
47) Tetrachloroethene	8.56	164	1144	0.226	ug/L	89
48) 2-Hexanone	8.70	43	4840	1.023	ug/L #	77
49) Dibromochloromethane	8.56	129	1076	0.161	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6950	1.226	ug/L	92

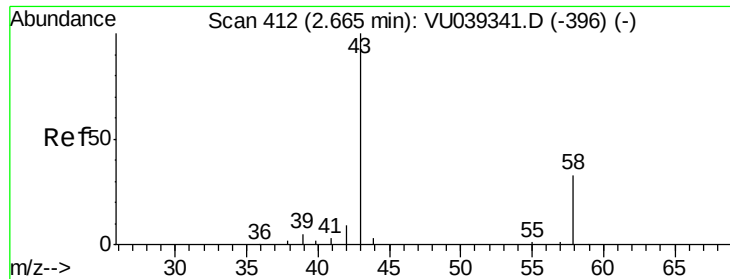
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 02:29:26 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.085 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039358.D

Acq: 08 Jul 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

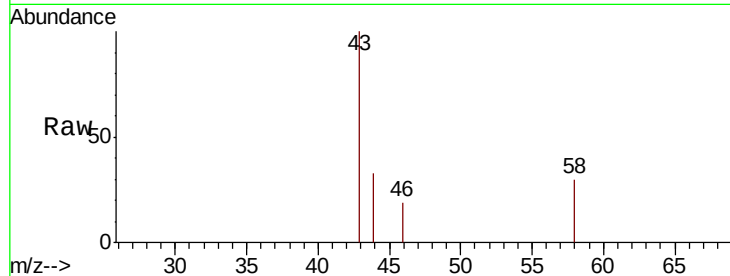
F4A66

Tot Ion: 43 Resp: 4513

Ion Ratio Lower Upper

43 100

58 17.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039358.D (-415) (-)

Ion 58.05 (57.75 to 58.75): VU039358.D (-415) (-)

1500

1000

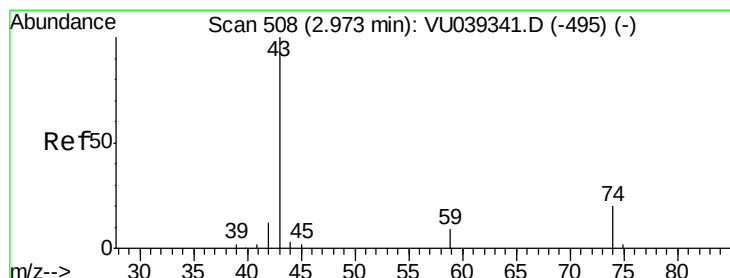
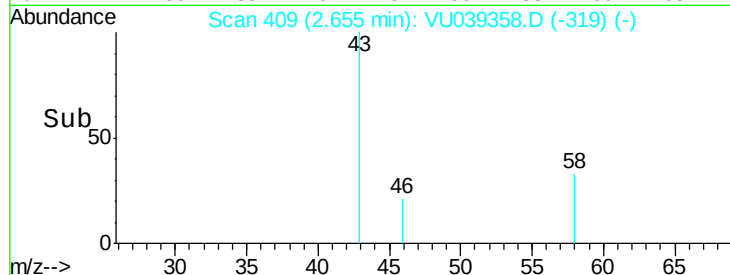
500

0

Time-->

2.60 2.65 2.70 2.75

2.66



#15

Methyl Acetate

Concen: 0.210 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.00 min

Lab File: VU039358.D

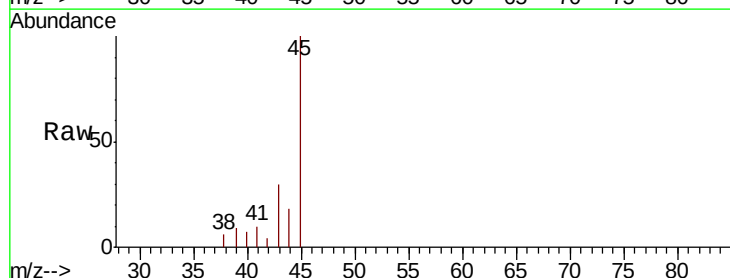
Acq: 08 Jul 2020 19:25

Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

74 0.0 18.7 28.1#



Abundance Ion 43.05 (42.75 to 43.75): VU039358.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VU039358.D (-415) (-)

800

600

400

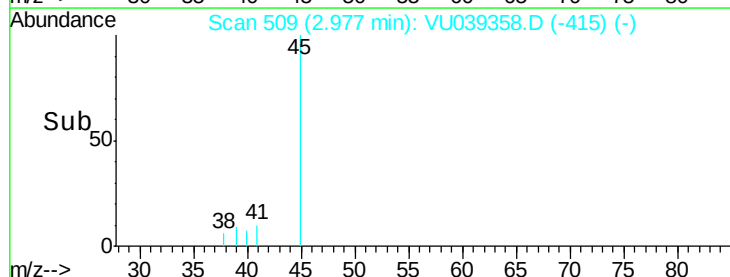
200

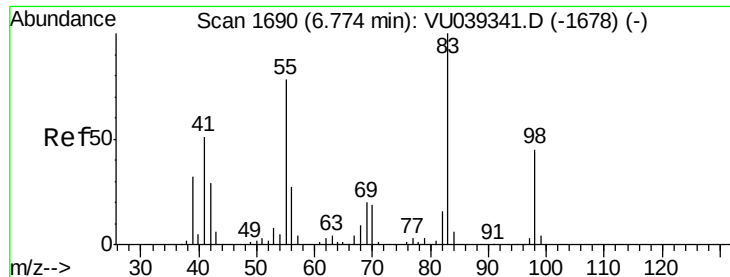
0

Time-->

2.96 2.98 3.00 3.02

2.98

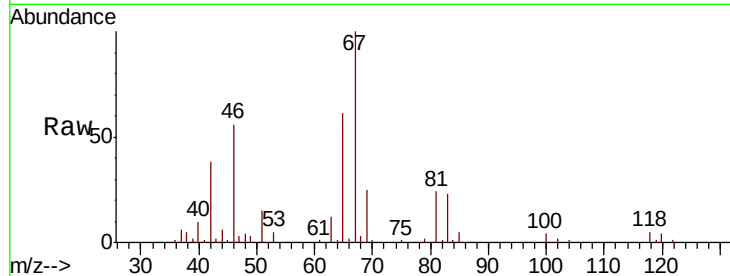




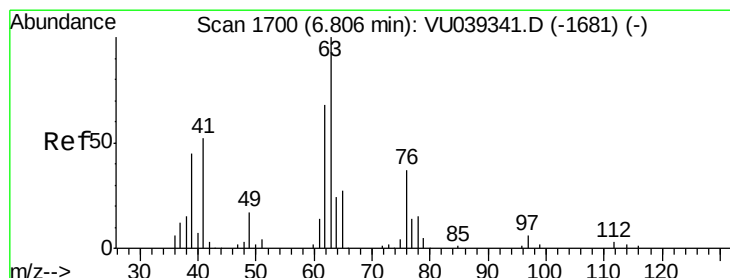
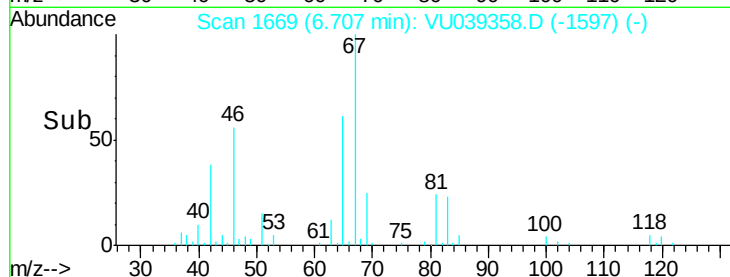
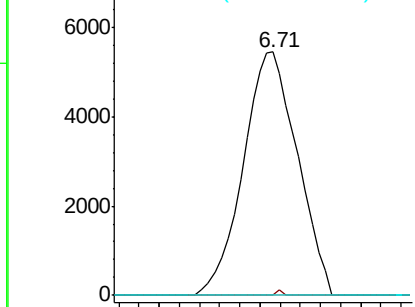
#35
Methvlcvclohexane
Concen: 0.871 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039358.D
Acq: 08 Jul 2020 19:25

Instrument :
MSVOA_U
ClientSampleId :
F4A66

Tot Ion: 83 Resp: 10173
Ion Ratio Lower Upper
83 100
55 0.2 62.1 93.1#
98 0.0 35.9 53.9#

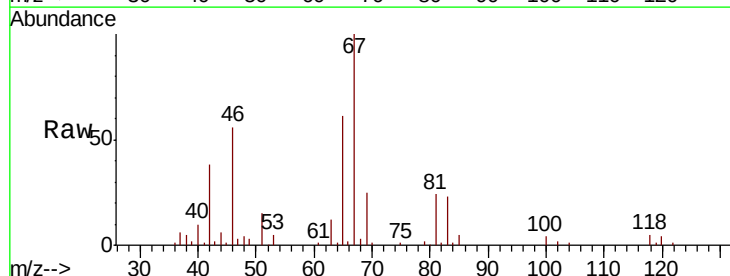


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

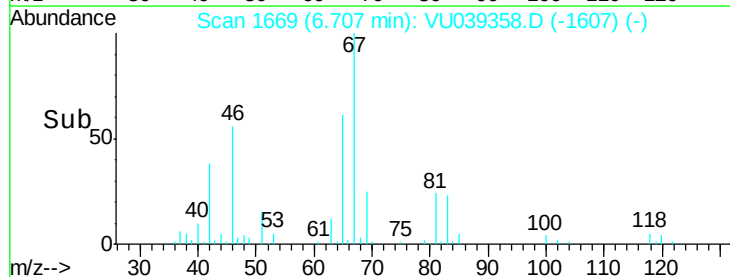
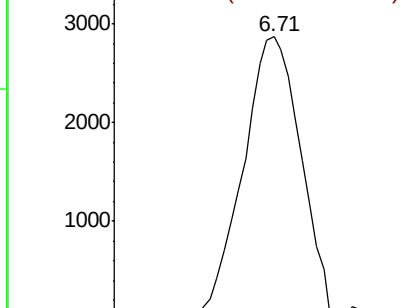


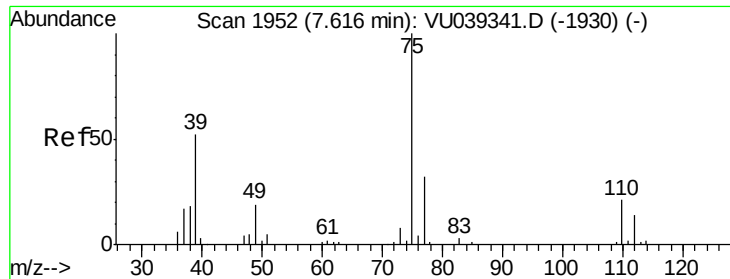
#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039358.D
Acq: 08 Jul 2020 19:25

Tgt Ion: 63 Resp: 5248
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: 0.140 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039358.D

Acq: 08 Jul 2020 19:25

Instrument :

MSVOA_U

ClientSampled :

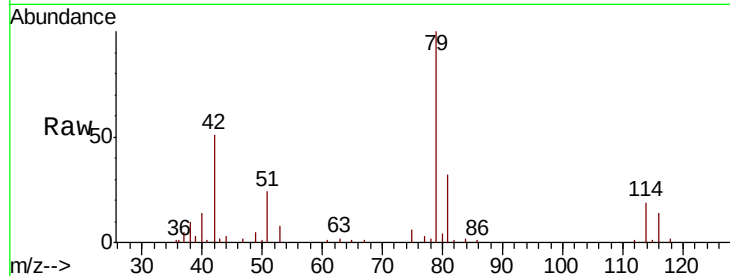
F4A66

Tot Ion: 75 Resp: 1624

Ion Ratio Lower Upper

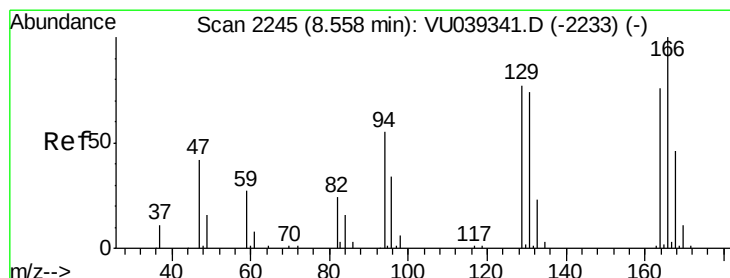
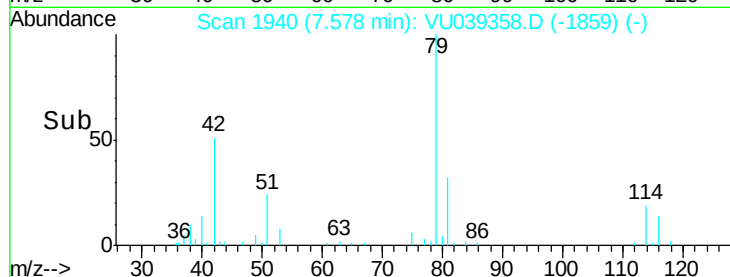
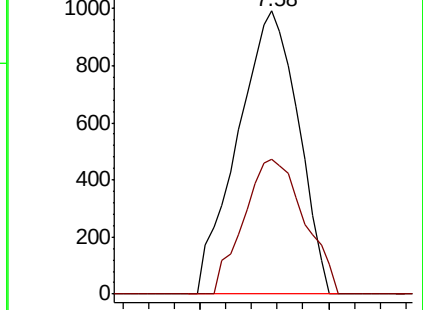
75 100

77 47.7 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039341.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039341.D (-1930) (-)



#47

Tetrachloroethene

Concen: 0.226 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039358.D

Acq: 08 Jul 2020 19:25

Tgt Ion:164 Resp: 1144

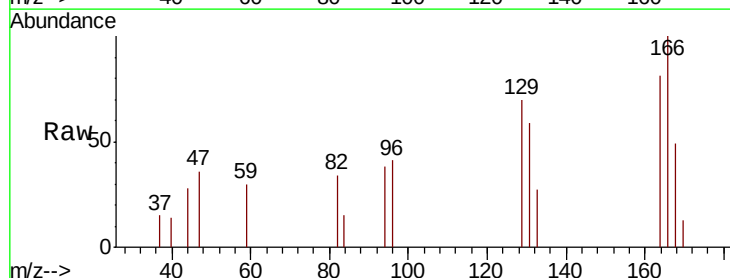
Ion Ratio Lower Upper

164 100

129 85.9 68.6 127.4

131 73.1 66.4 123.4

166 123.2 85.9 159.5

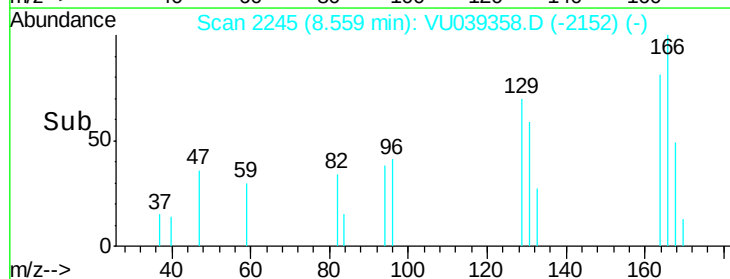
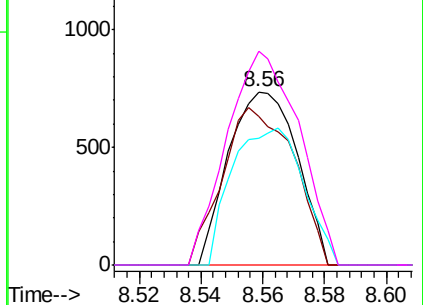


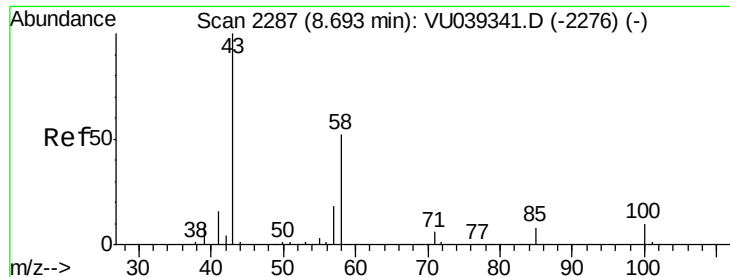
Abundance Ion 163.90 (163.60 to 164.60): VU039341.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039341.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039341.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039341.D (-2233) (-)

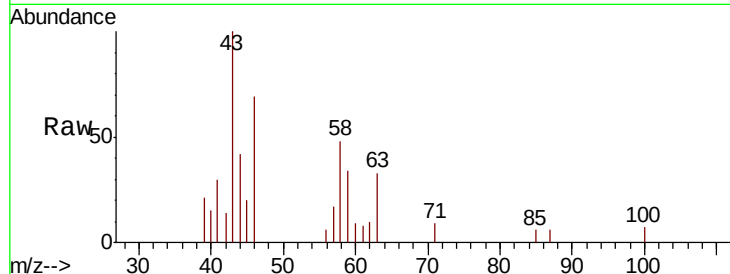




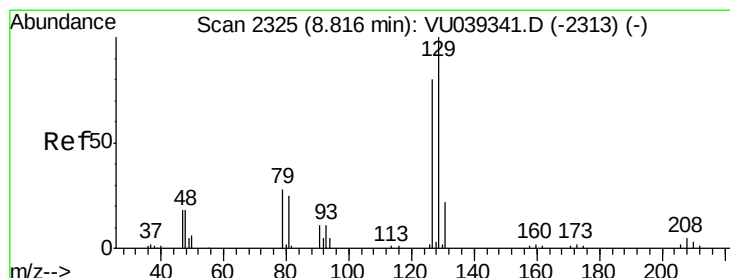
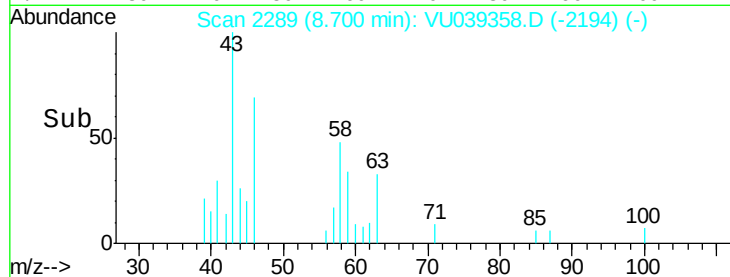
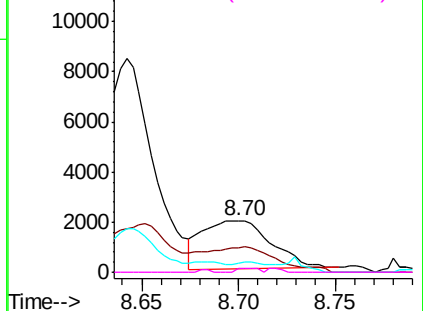
#48
2-Hexanone
Concen: 1.023 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VU039358.D
Acq: 08 Jul 2020 19:25

Instrument :
MSVOA_U
ClientSampled :
F4A66

Tot Ion: 43 Resp: 4840
Ion Ratio Lower Upper
43 100
58 38.4 42.0 63.0#
57 3.3 14.0 21.0#
100 2.6 8.2 12.2#

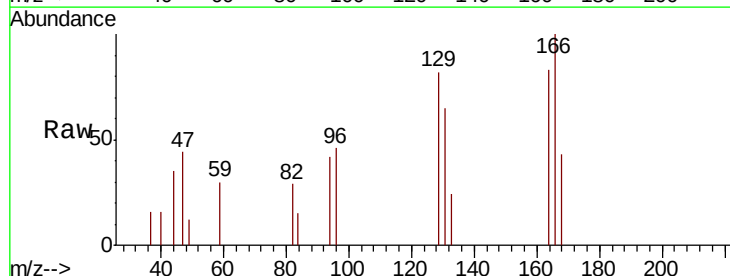


Abundance Ion 43.05 (42.75 to 43.75): VU039358.D (-2194) (-)
Ion 58.05 (57.75 to 58.75): VU039358.D (-2194) (-)
Ion 57.20 (56.90 to 57.90): VU039358.D (-2194) (-)
Ion 100.15 (99.85 to 100.85): VU039358.D (-2194) (-)

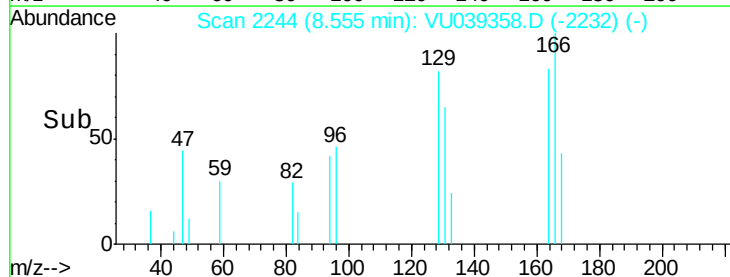
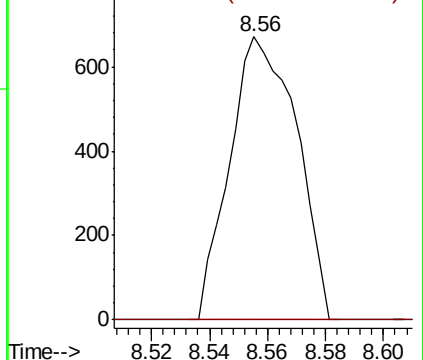


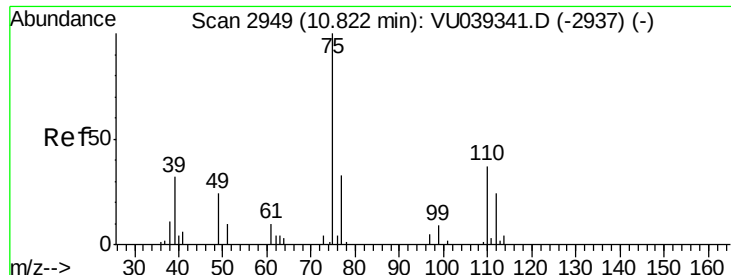
#49
Dibromochloromethane
Concen: 0.161 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU039358.D
Acq: 08 Jul 2020 19:25

Tgt Ion: 129 Resp: 1076
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): VU039358.D (-2232) (-)
Ion 126.90 (126.60 to 127.60): VU039358.D (-2232) (-)





#59

1,2,3-Trichloropropane

Concen: 1.226 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039358.D

Acq: 08 Jul 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

F4A66

Tot Ion: 75 Resp: 6950

Ion Ratio Lower Upper

75 100

77 38.2 26.8 40.2

