

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040149.D
 Acq On : 16 Sep 2020 15:39
 Operator : SY/MD
 Sample : L4041-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB1

Quant Time: Sep 17 01:11:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	146128	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	143981	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62661	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29019	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.92	69	25810	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.58	63	49500	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	4.66	46	113008	35.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.82%
24) Chloroform-d	5.08	84	62669	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.20%#
26) 1,2-Dichloroethane-d4	5.72	65	40878	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
32) Benzene-d6	5.75	84	118720	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
36) 1,2-Dichloropropane-d6	6.70	67	39117	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.60%
41) Toluene-d8	7.91	98	91980	3.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.60%#
43) trans-1,3-Dichloropropene-	8.19	79	15475	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.64	63	80954	33.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35456	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	36984	3.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.00%#

Target Compounds

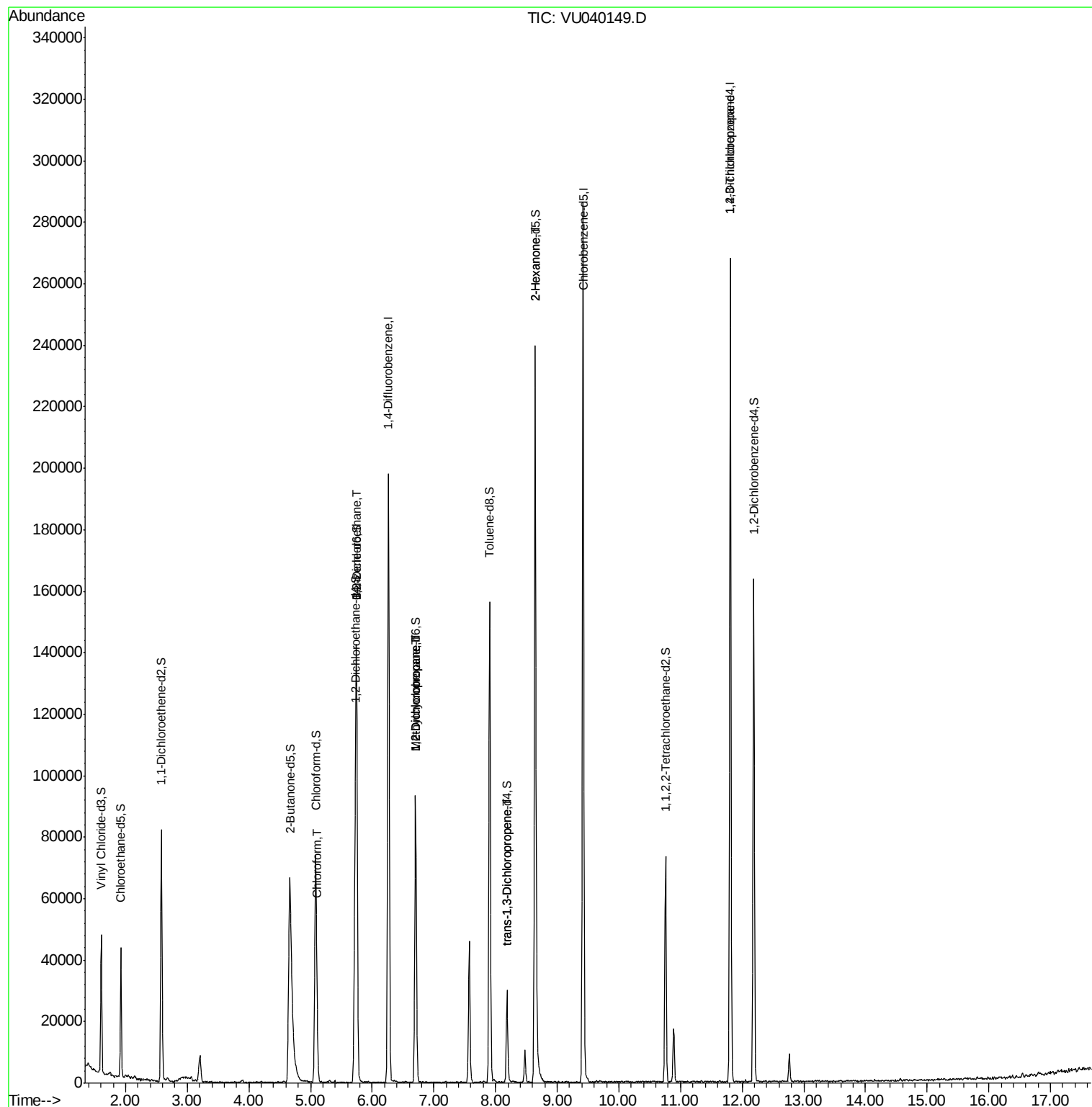
					Ovalue
25) Chloroform	5.11	83	4124	0.161 ug/L	96
27) 1,2-Dichloroethane	5.75	62	816	0.043 ug/L #	78
35) Methylcyclohexane	6.70	83	9319	0.440 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4981	0.357 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	870	0.046 ug/L #	61
48) 2-Hexanone	8.64	43	13138	1.574 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	8925	0.864 ug/L #	88

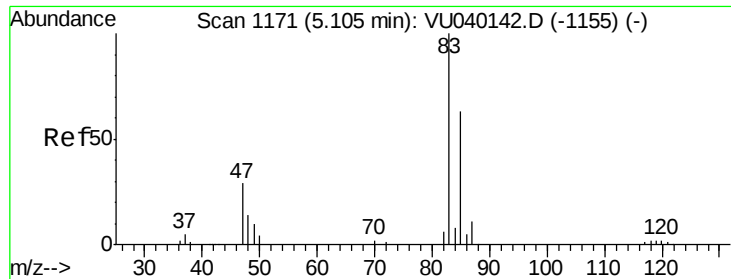
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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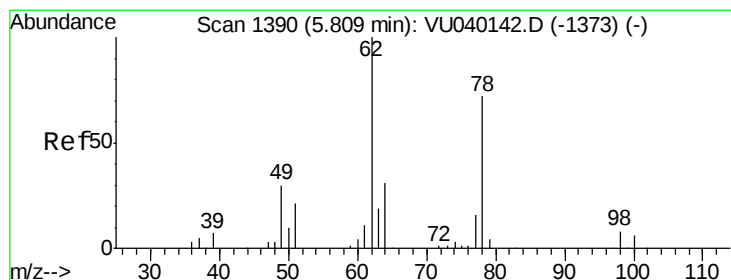
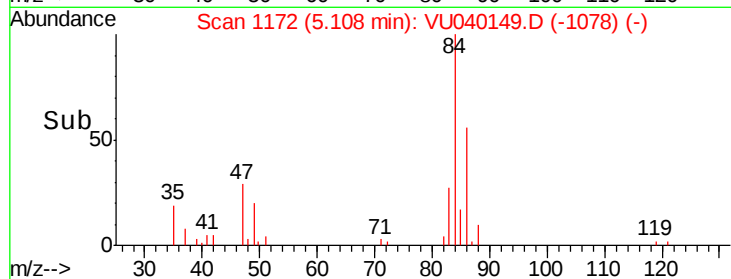
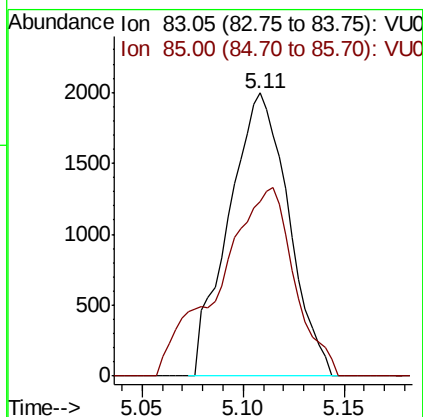
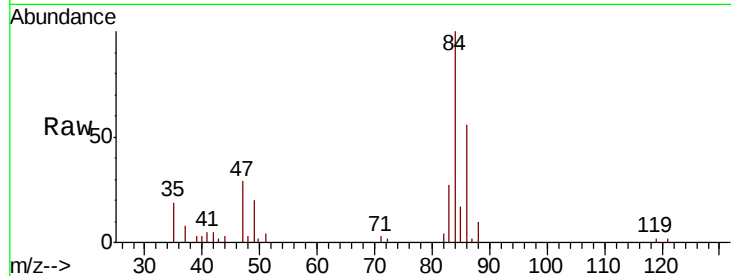




#25
Chloroform
Concen: 0.161 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040149.D
Acq: 16 Sep 2020 15:39

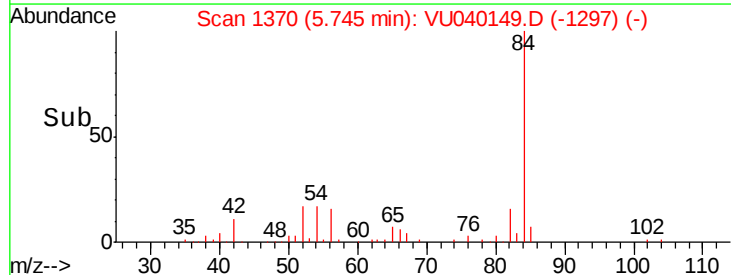
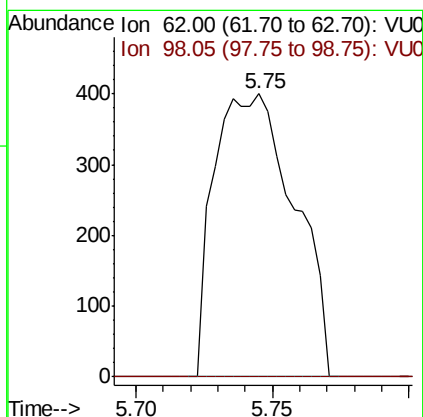
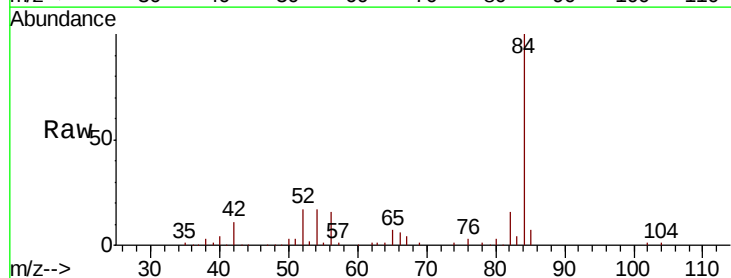
Instrument :
MSVOA_U
ClientSampled :
C0AB1

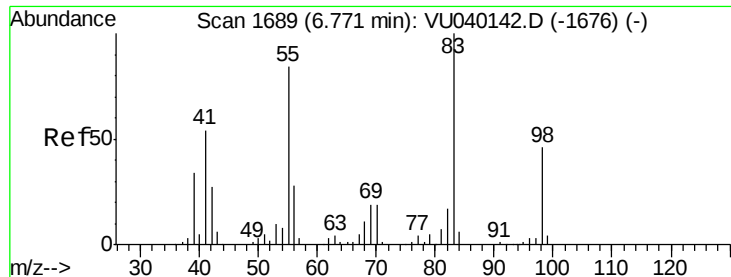
Tot Ion: 83 Resp: 4124
Ion Ratio Lower Upper
83 100
85 61.7 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.043 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040149.D
Acq: 16 Sep 2020 15:39

Tgt Ion: 62 Resp: 816
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

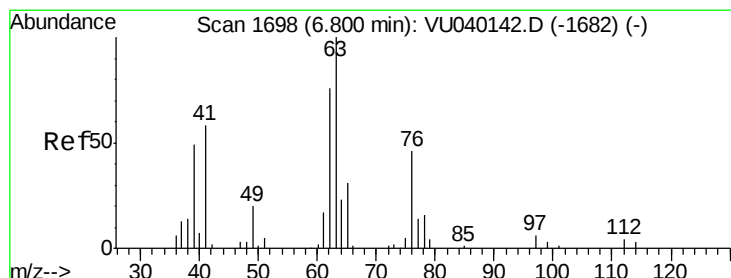
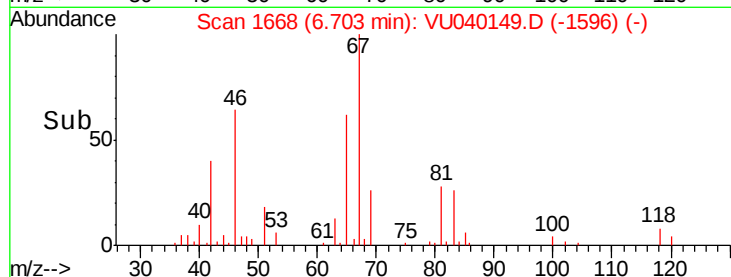
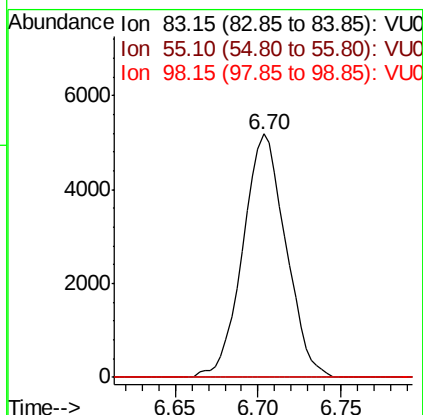
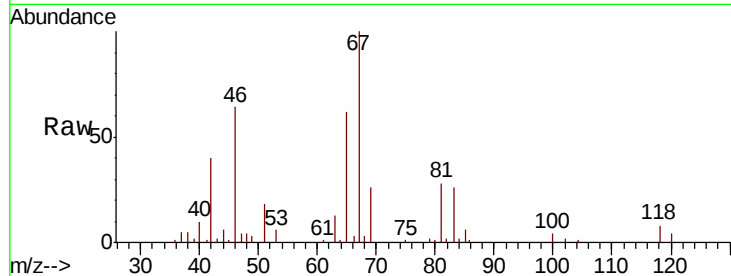




#35
Methvlcvclohexane
Concen: 0.440 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040149.D
Acq: 16 Sep 2020 15:39

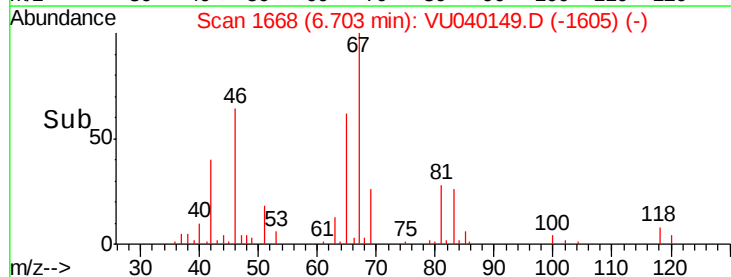
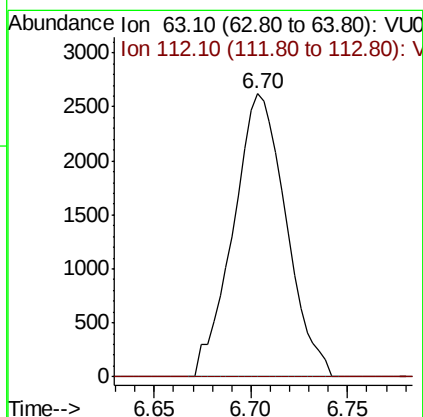
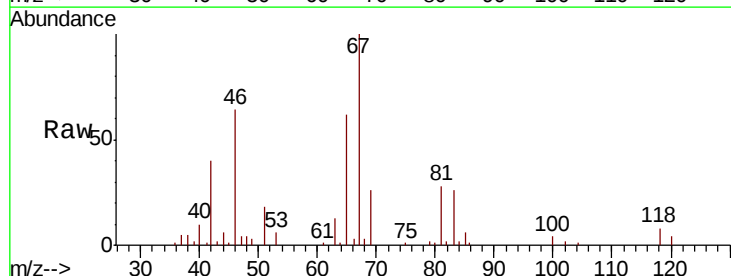
Instrument :
MSVOA_U
ClientSampleId :
C0AB1

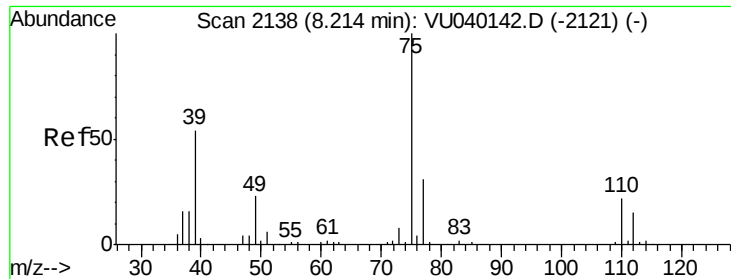
Tot Ion: 83 Resp: 9319
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.357 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040149.D
Acq: 16 Sep 2020 15:39

Tgt Ion: 63 Resp: 4981
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#44

trans-1,3-Dichloropropene

Concen: 0.046 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040149.D

Acq: 16 Sep 2020 15:39

Instrument :

MSVOA_U

ClientSampled :

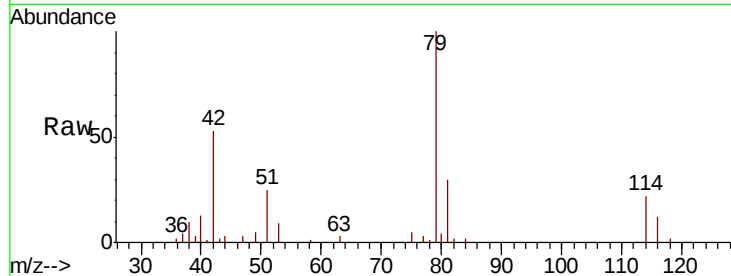
C0AB1

Tot Ion: 75 Resp: 870

Ion Ratio Lower Upper

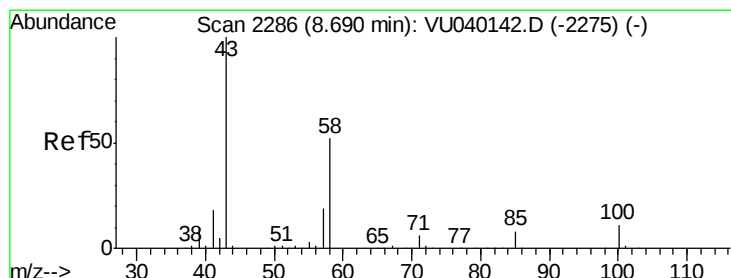
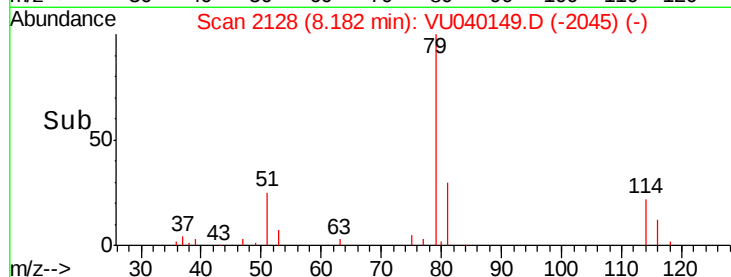
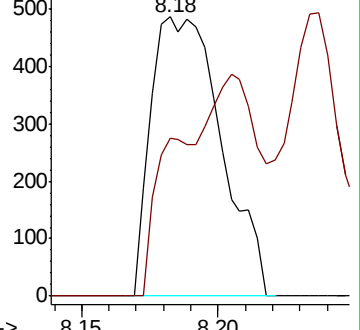
75 100

77 56.5 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.574 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040149.D

Acq: 16 Sep 2020 15:39

Tgt Ion: 43 Resp: 13138

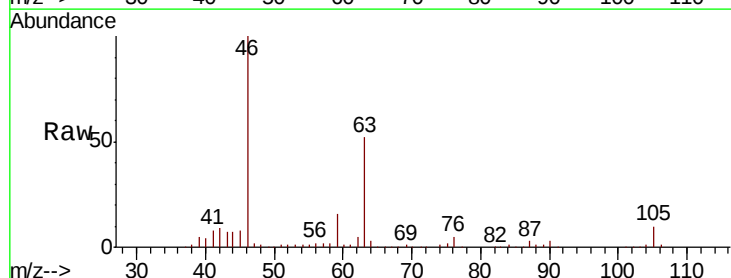
Ion Ratio Lower Upper

43 100

58 27.4 39.6 59.4#

57 26.1 14.3 21.5#

100 0.0 8.0 12.0#

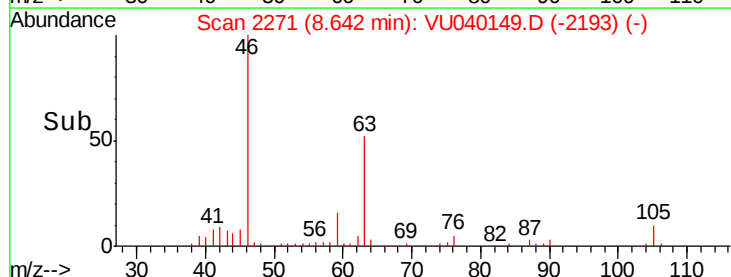
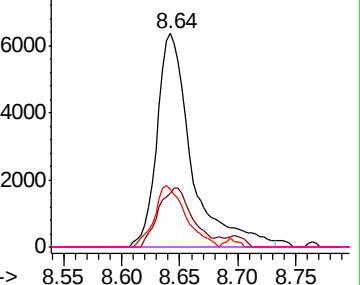


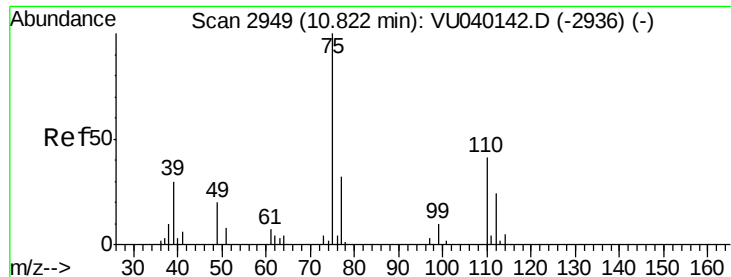
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 0.864 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040149.D

Acq: 16 Sep 2020 15:39

Instrument :

MSVOA_U

ClientSampleId :

C0AB1

Tot Ion: 75 Resp: 8925

Ion Ratio Lower Upper

75 100

77 37.8 24.9 37.3#

