

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040818.D
 Acq On : 19 Oct 2020 21:09
 Operator : SY/MD
 Sample : L4420-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7

Quant Time: Oct 20 05:19:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112965	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119438	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27936	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.92	69	29162	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.58	63	44556	2.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.60%#
20) 2-Butanone-d5	4.66	46	173758	58.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.02%
24) Chloroform-d	5.08	84	78087	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	49965	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.75	84	129854	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.70	67	47887	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.91	98	96110	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.60%#
43) trans-1,3-Dichloropropene-	8.19	79	18364	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	118670	50.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48379	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45151	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

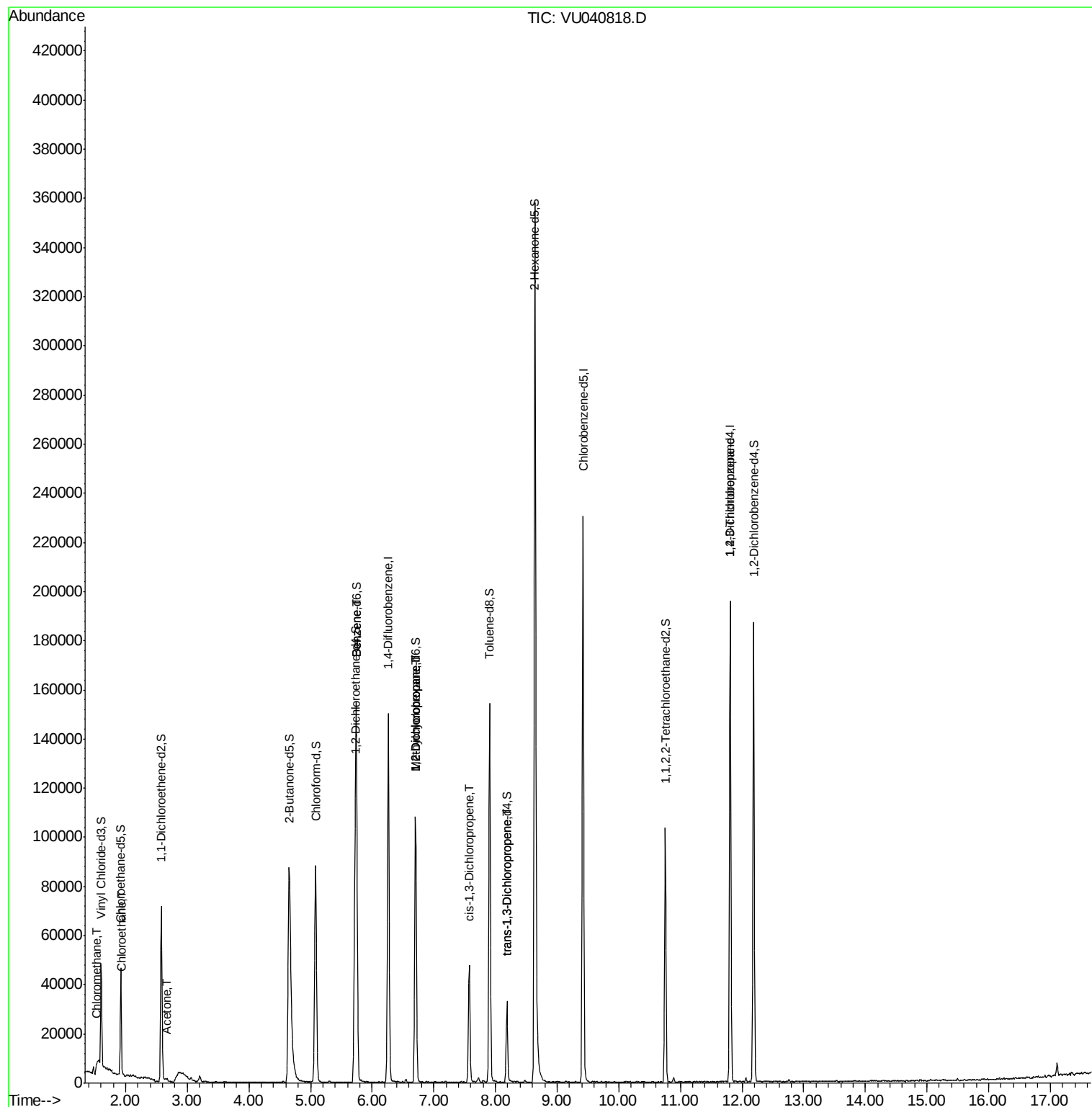
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	593	0.062	ug/L #	43
8) Chloroethane	1.94	64	256	0.040	ug/L #	41
13) Acetone	2.67	43	2180	0.939	ug/L	51
33) Benzene	5.75	78	988	0.026	ug/L	100
35) Methylcyclohexane	6.70	83	11515	0.816	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5655	0.529	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1331	0.091	ug/L #	53
44) trans-1,3-Dichloropropene	8.19	75	925	0.069	ug/L	85
59) 1,2,3-Trichloropropane	11.81	75	6587	0.839	ug/L #	84

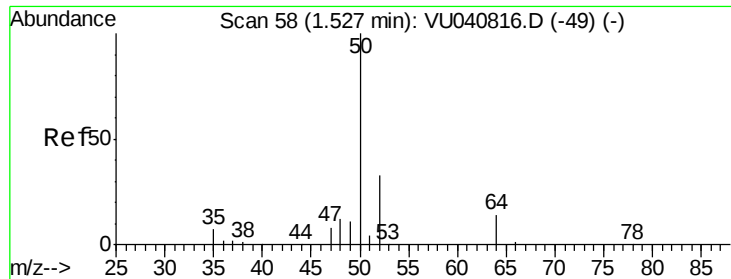
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.062 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040818.D

Acq: 19 Oct 2020 21:09

Instrument :

MSVOA_U

ClientSampleId :

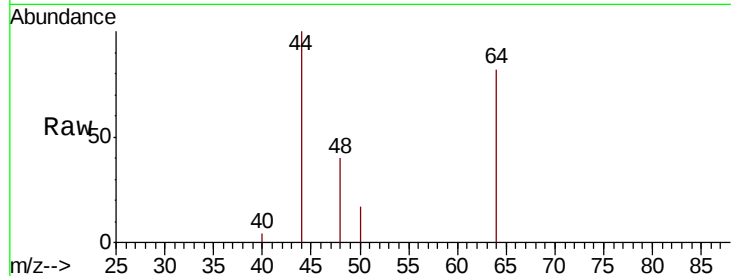
C0AK7

Tot Ion: 50 Resp: 593

Ion Ratio Lower Upper

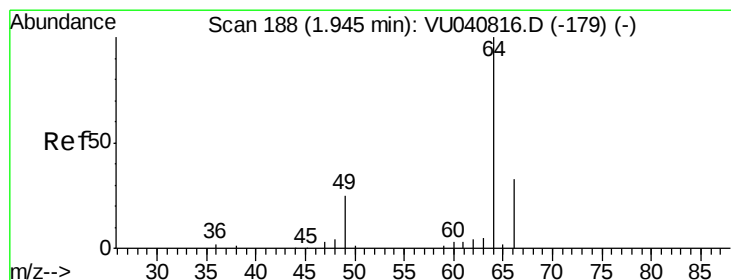
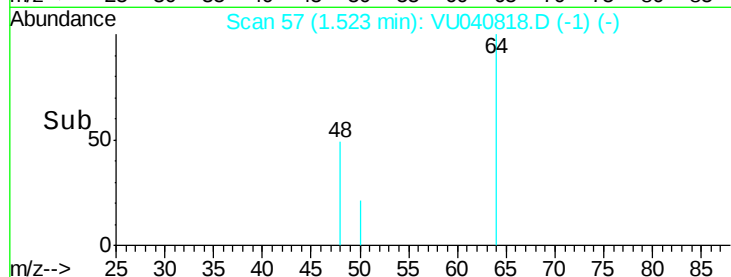
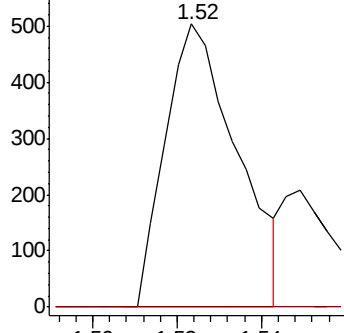
50 100

52 0.0 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.040 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040818.D

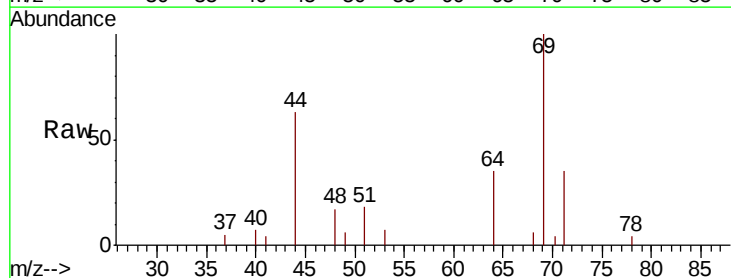
Acq: 19 Oct 2020 21:09

Tgt Ion: 64 Resp: 256

Ion Ratio Lower Upper

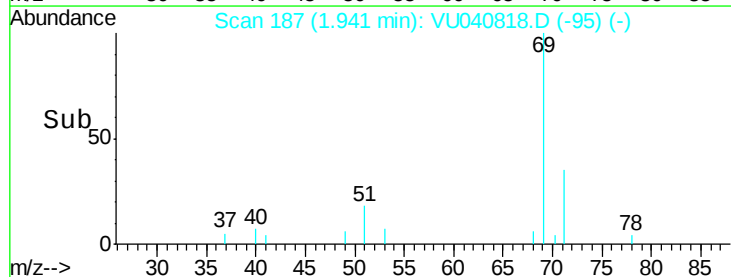
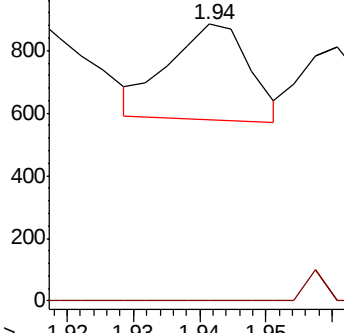
64 100

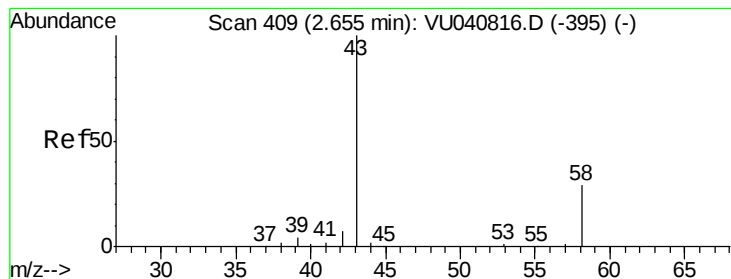
66 0.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 0.939 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040818.D

Acq: 19 Oct 2020 21:09

Instrument :

MSVOA_U

ClientSampleId :

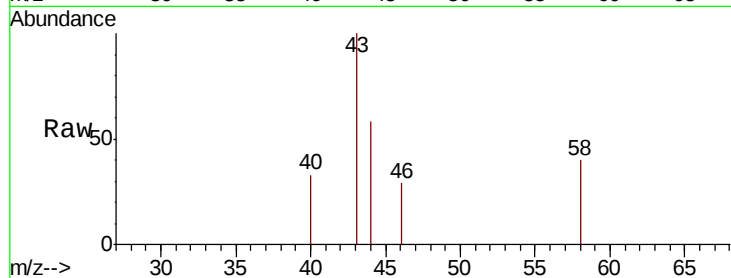
C0AK7

Tot Ion: 43 Resp: 2180

Ion Ratio Lower Upper

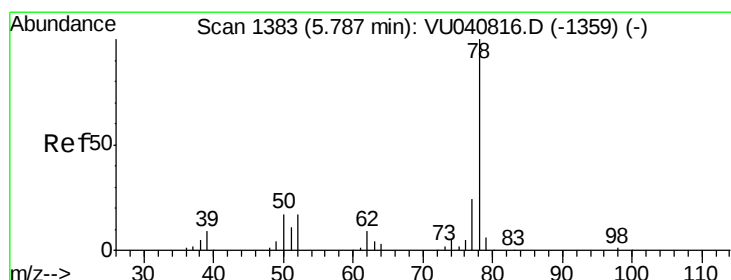
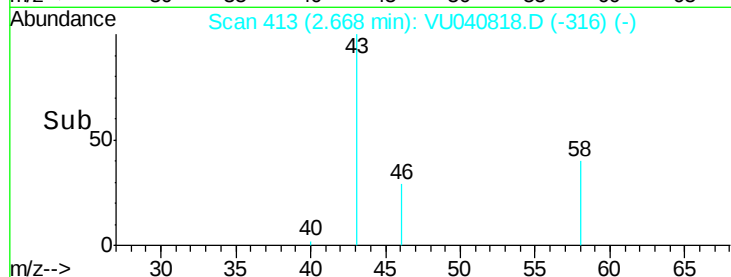
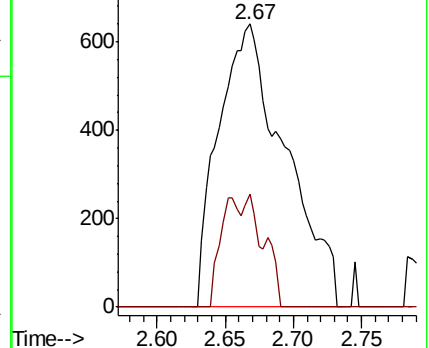
43 100

58 3.9 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#33

Benzene

Concen: 0.026 ug/L

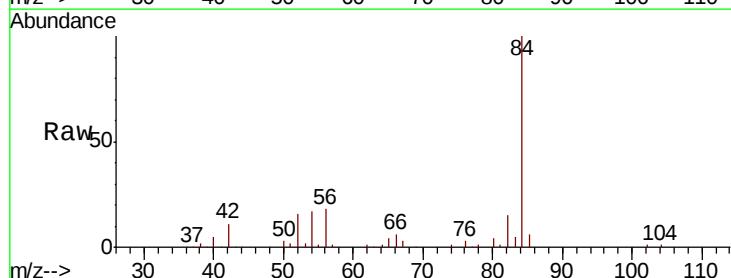
RT: 5.75 min Scan# 1371

Delta R.T. -0.04 min

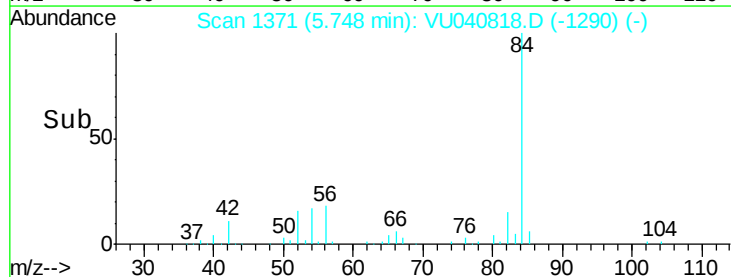
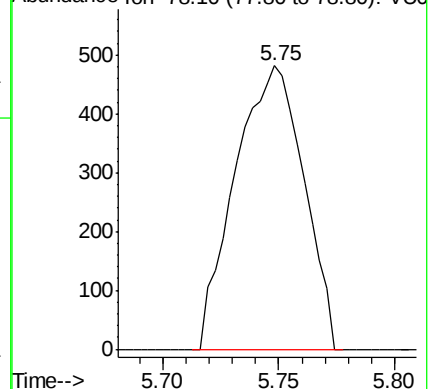
Lab File: VU040818.D

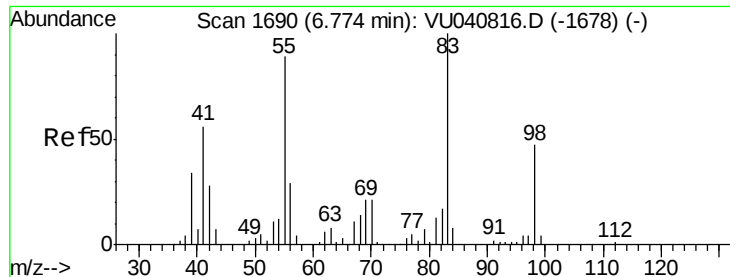
Acq: 19 Oct 2020 21:09

Tgt Ion: 78 Resp: 988



Abundance Ion 78.10 (77.80 to 78.80): VU0

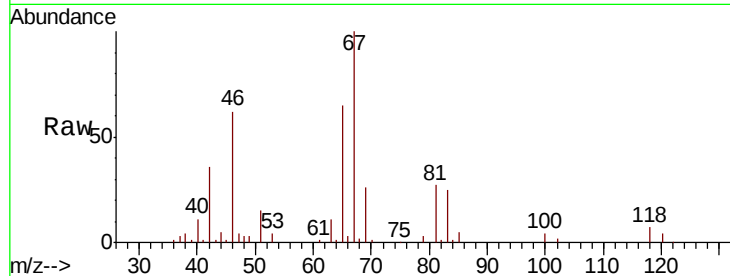




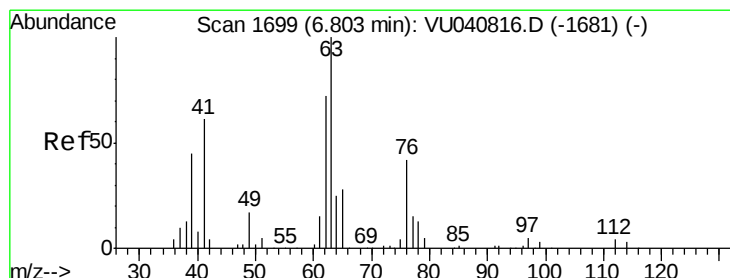
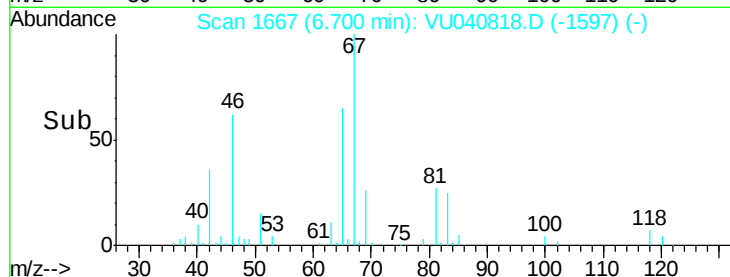
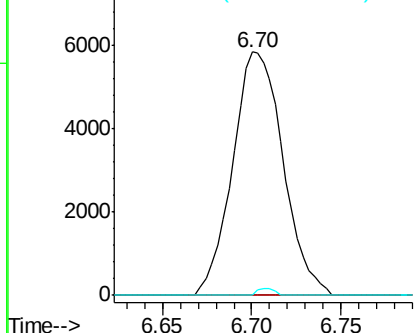
#35
Methvlcvclohexane
Concen: 0.816 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040818.D
Acq: 19 Oct 2020 21:09

Instrument :
MSVOA_U
ClientSampleId :
C0AK7

Tot Ion: 83 Resp: 11515
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.9 38.4 57.6#

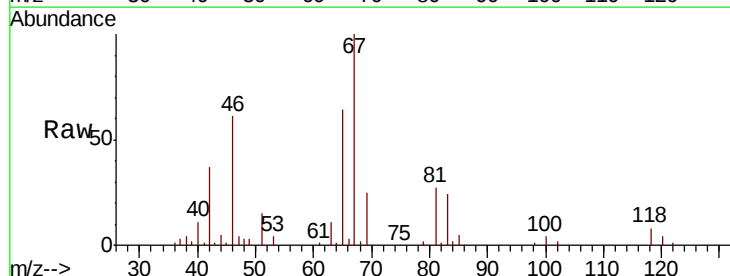


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

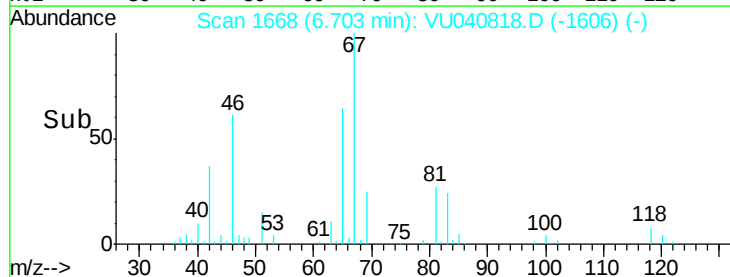
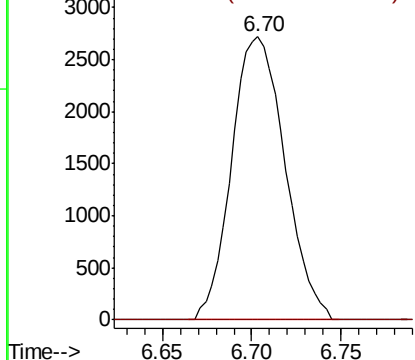


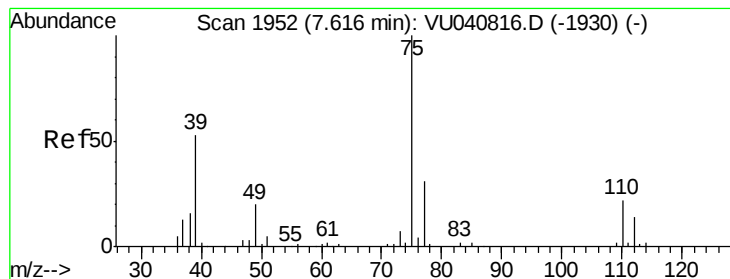
#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040818.D
Acq: 19 Oct 2020 21:09

Tgt Ion: 63 Resp: 5655
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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



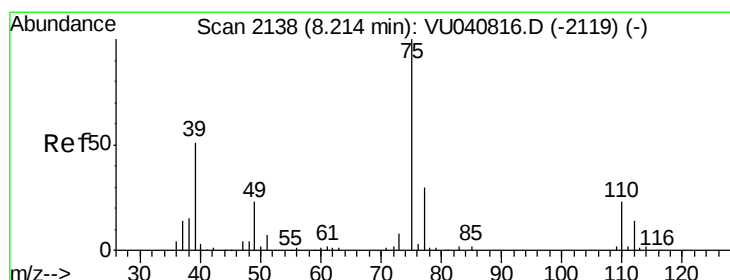
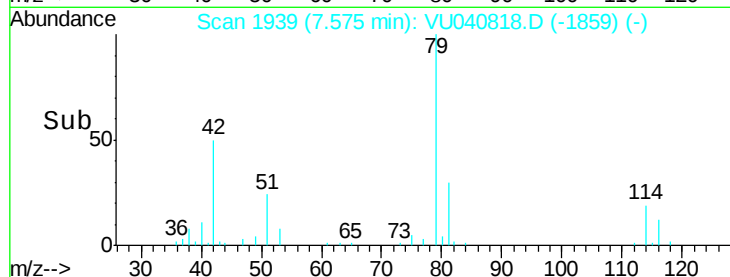
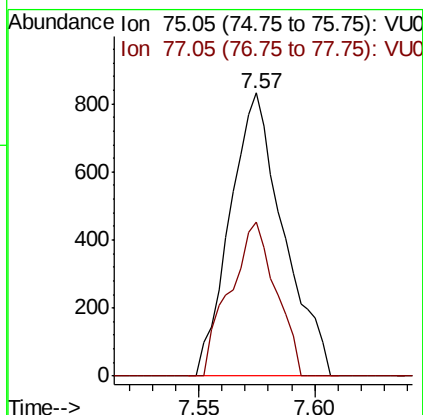
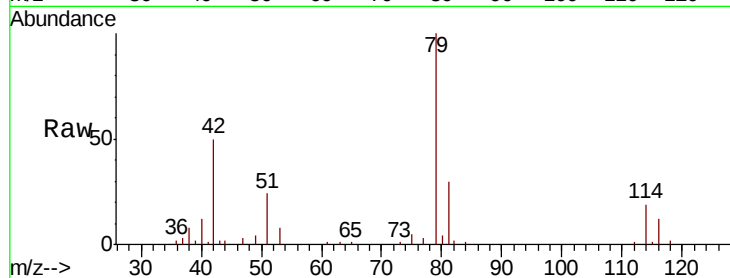


#39

cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040818.D
Acq: 19 Oct 2020 21:09

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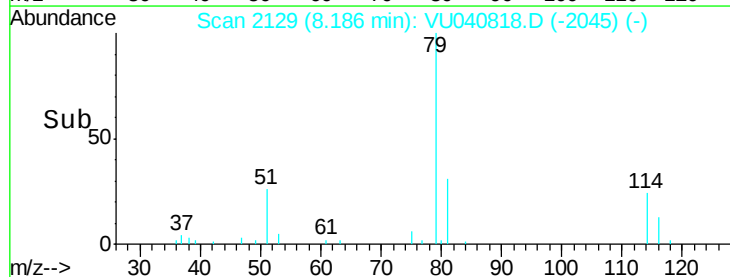
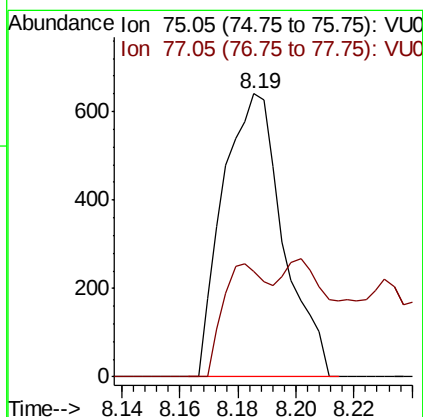
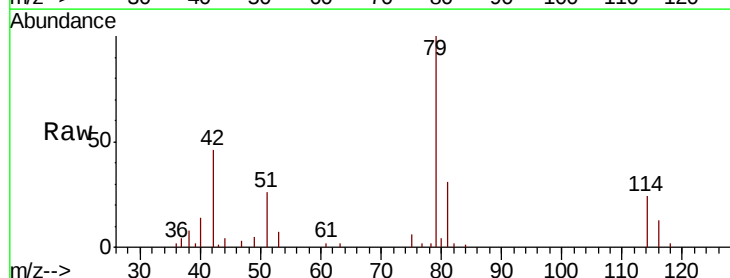
Tot Ion: 75 Resp: 1331
Ion Ratio Lower Upper
75 100
77 54.6 20.5 38.1#

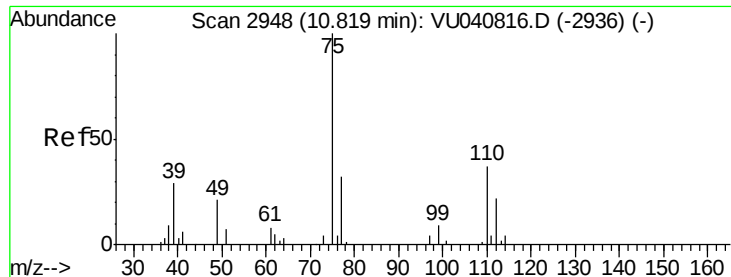


#44

trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040818.D
Acq: 19 Oct 2020 21:09

Tgt Ion: 75 Resp: 925
Ion Ratio Lower Upper
75 100
77 37.3 20.4 38.0





#59

1,2,3-Trichloropropane

Concen: 0.839 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040818.D

Acq: 19 Oct 2020 21:09

Instrument :

MSVOA_U

ClientSampleId :

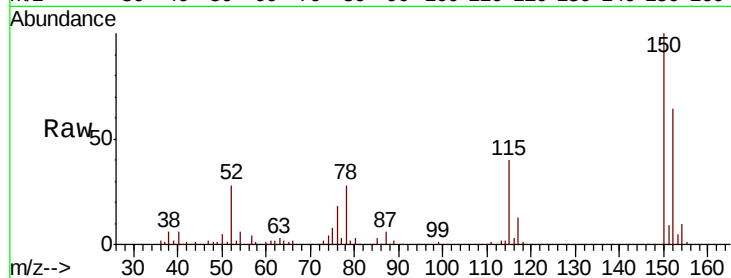
C0AK7

Tot Ion: 75 Resp: 6587

Ion Ratio Lower Upper

75 100

77 41.8 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

