

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040375.D
 Acq On : 29 Sep 2020 22:01
 Operator : SY/MD
 Sample : L4186-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E7

Quant Time: Sep 30 02:56:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127415	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28379	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.92	69	27241	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	46615	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	154373	50.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.04%
24) Chloroform-d	5.08	84	70957	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	44290	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.75	84	125395	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.70	67	46750	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	98320	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	16342	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.64	63	106962	47.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42557	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45821	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

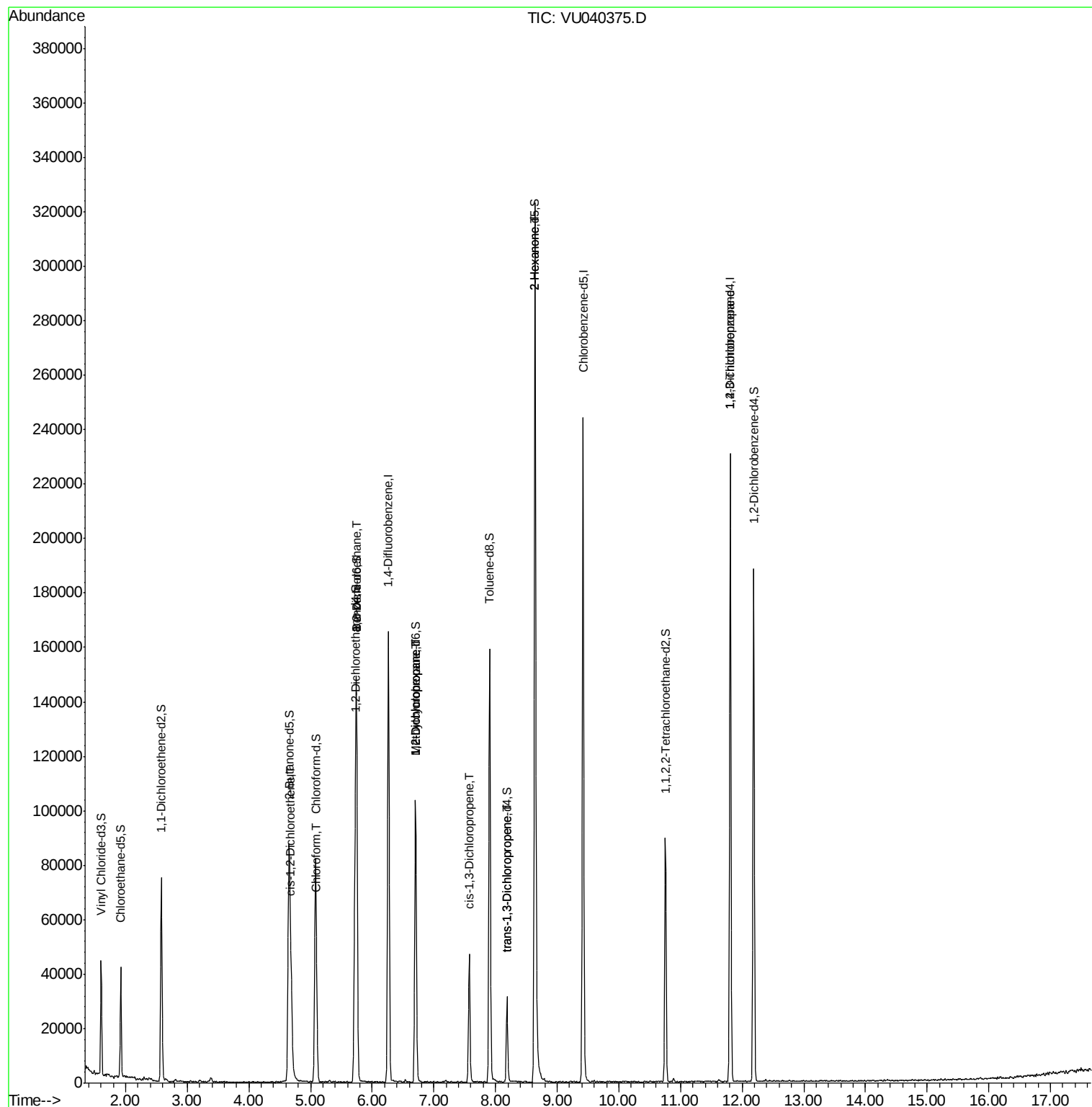
					Ovalue
22) cis-1,2-Dichloroethene	4.69	96	8839	0.817 ug/L	96
25) Chloroform	5.11	83	1889	0.092 ug/L #	75
27) 1,2-Dichloroethane	5.75	62	743	0.052 ug/L #	74
35) Methylcyclohexane	6.70	83	10562	0.635 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5037	0.423 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1215	0.076 ug/L #	79
44) trans-1,3-Dichloropropene	8.19	75	1007	0.068 ug/L	95
48) 2-Hexanone	8.64	43	14939	2.176 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	7797	0.904 ug/L	92

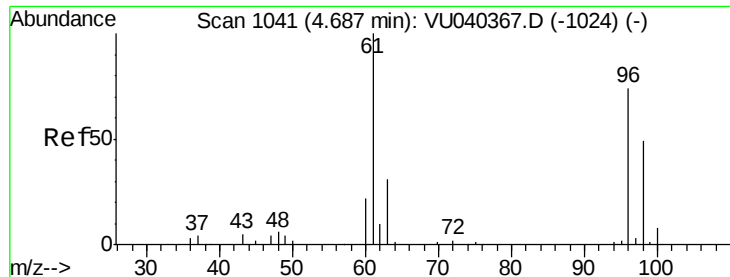
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.817 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040375.D

Acq: 29 Sep 2020 22:01

Instrument :

MSVOA_U

ClientSampleId :

BG0E7

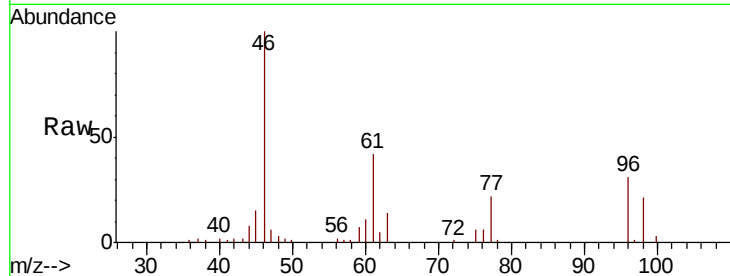
Tot Ion: 96 Resp: 8839

Ion Ratio Lower Upper

96 100

61 136.8 99.3 184.5

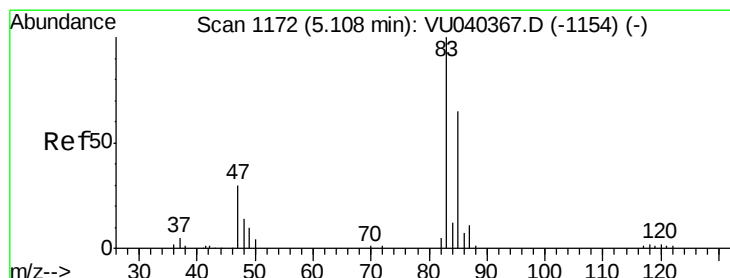
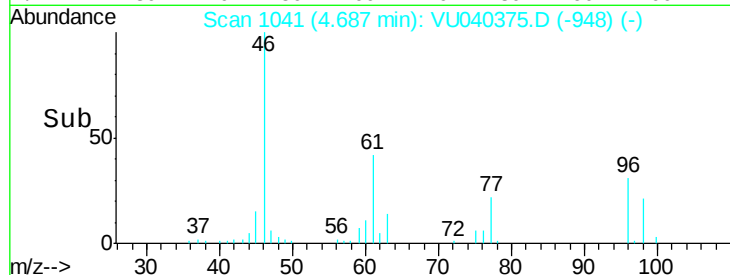
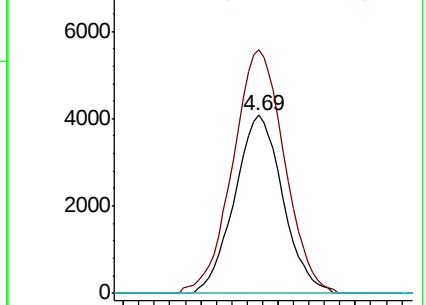
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040375.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU040375.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU040375.D (-948) (-)



#25

Chloroform

Concen: 0.092 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040375.D

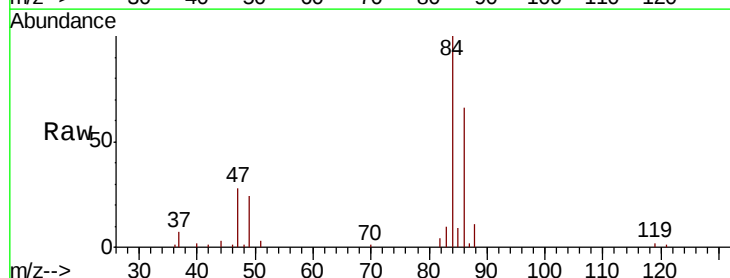
Acq: 29 Sep 2020 22:01

Tgt Ion: 83 Resp: 1889

Ion Ratio Lower Upper

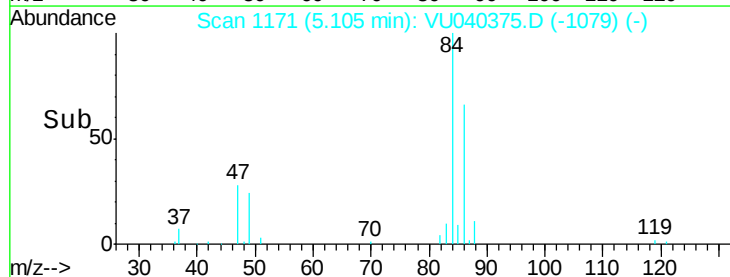
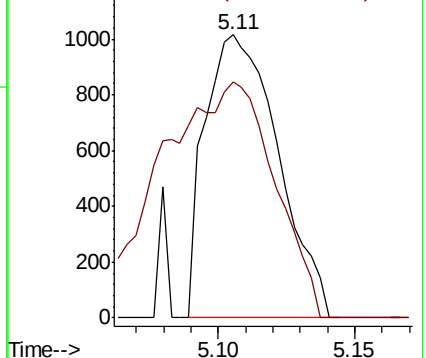
83 100

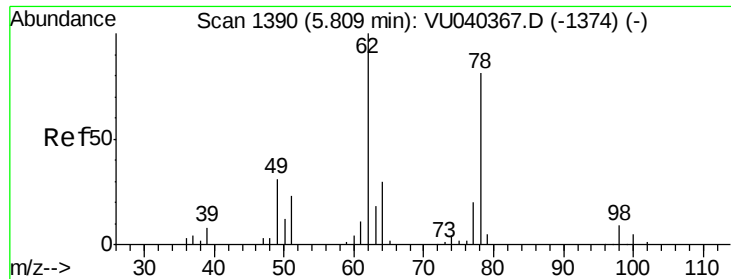
85 83.4 44.6 82.8#



Abundance Ion 83.05 (82.75 to 83.75): VU040375.D (-1079) (-)

Ion 85.00 (84.70 to 85.70): VU040375.D (-1079) (-)

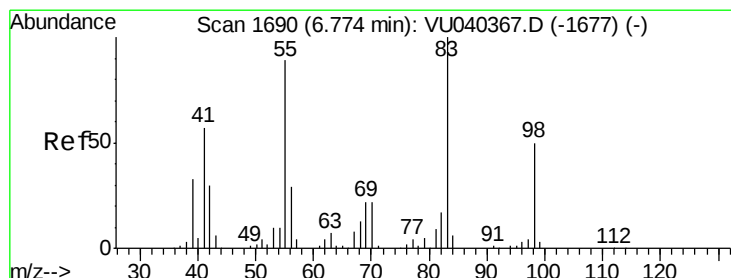
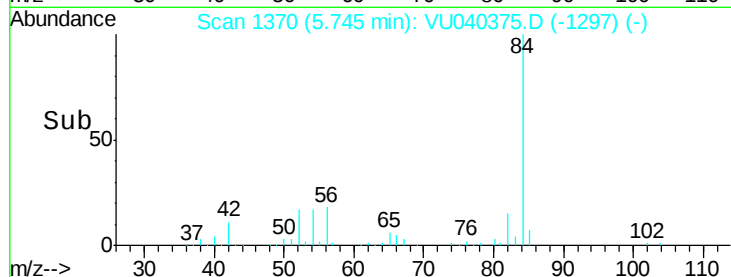
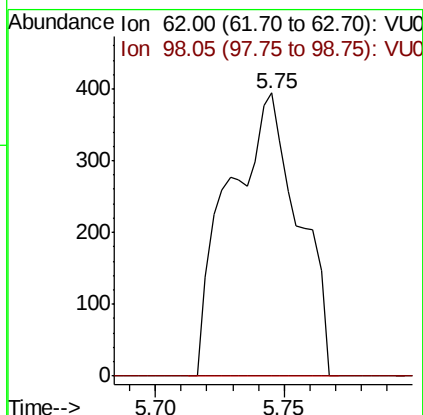
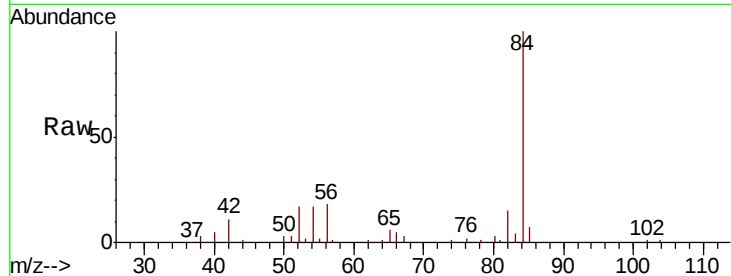




#27
 1,2-Dichloroethane
 Concen: 0.052 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040375.D
 Acq: 29 Sep 2020 22:01

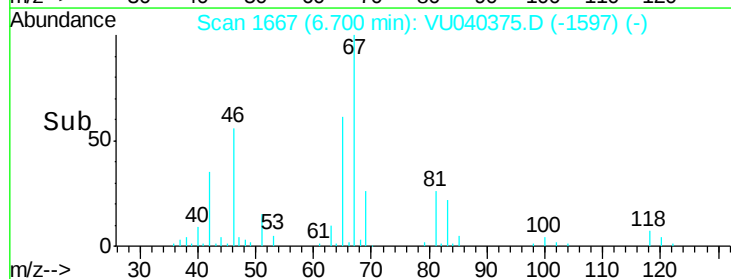
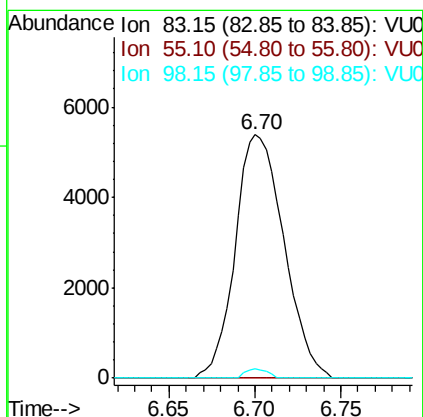
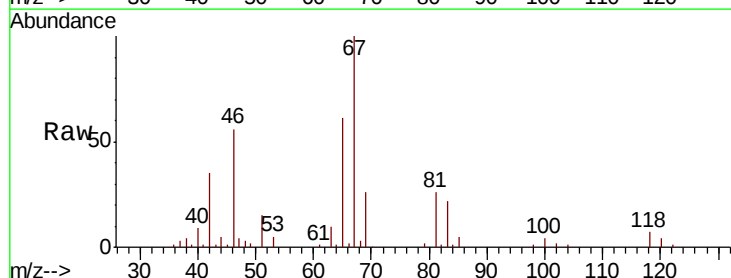
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E7

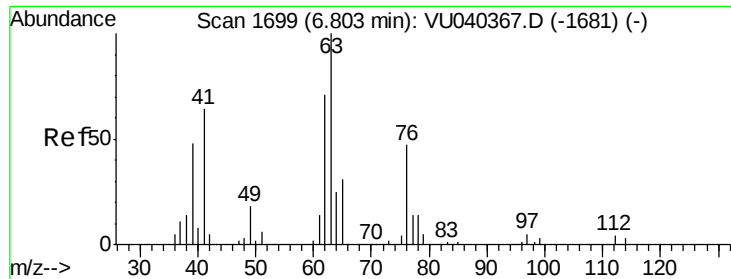
Tot Ion: 62 Resp: 743
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.635 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU040375.D
 Acq: 29 Sep 2020 22:01

Tgt Ion: 83 Resp: 10562
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 1.7 38.5 57.7#

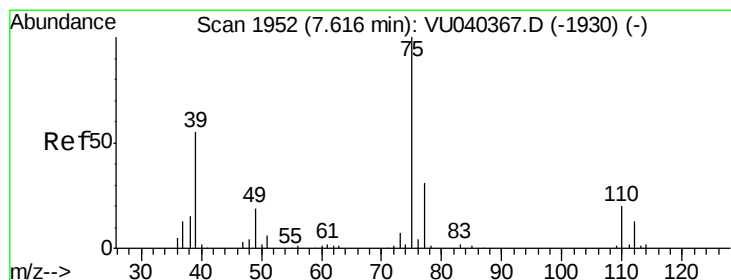
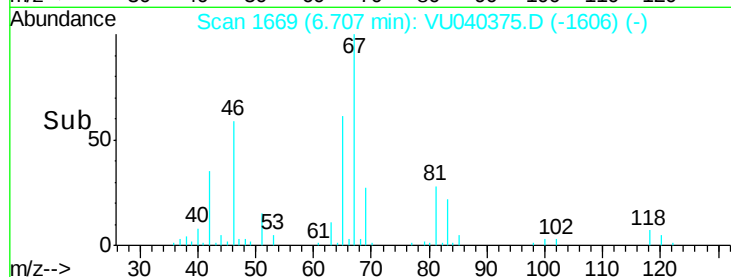
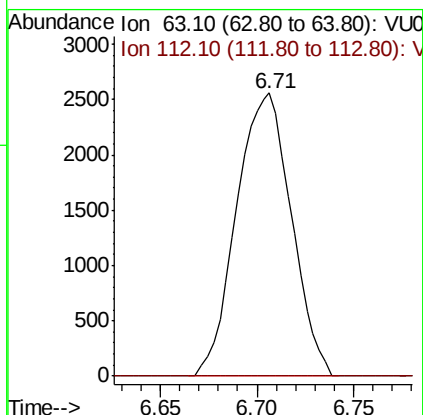
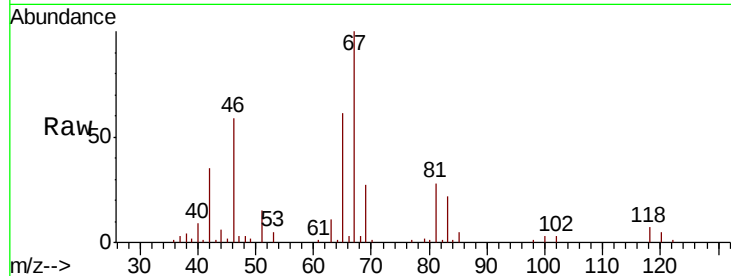




#37
 1,2-Dichloropropane
 Concen: 0.423 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040375.D
 Acq: 29 Sep 2020 22:01

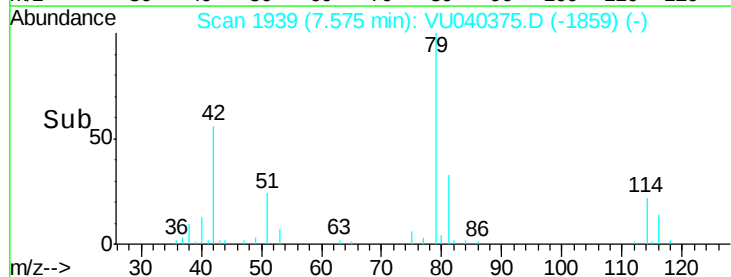
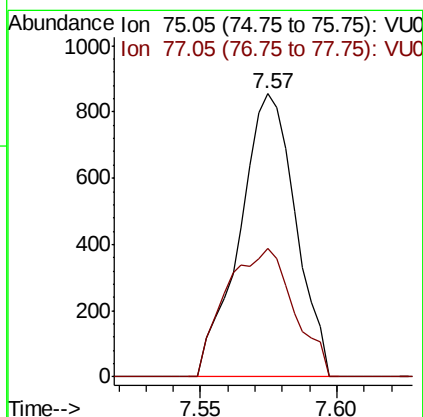
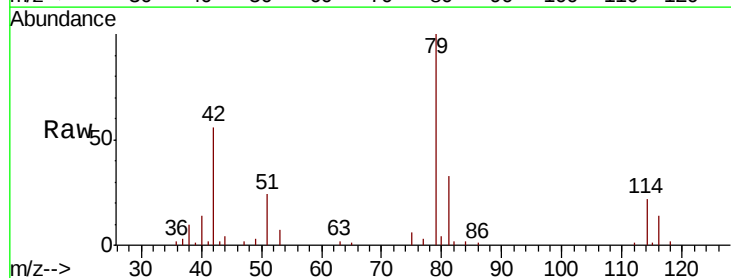
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E7

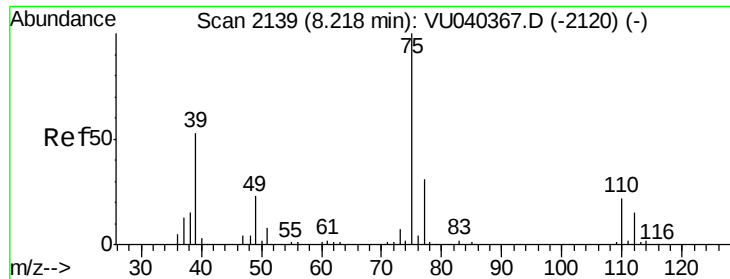
Tot Ion: 63 Resp: 5037
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040375.D
 Acq: 29 Sep 2020 22:01

Tgt Ion: 75 Resp: 1215
 Ion Ratio Lower Upper
 75 100
 77 45.4 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040375.D

Acq: 29 Sep 2020 22:01

Instrument :

MSVOA_U

ClientSampleId :

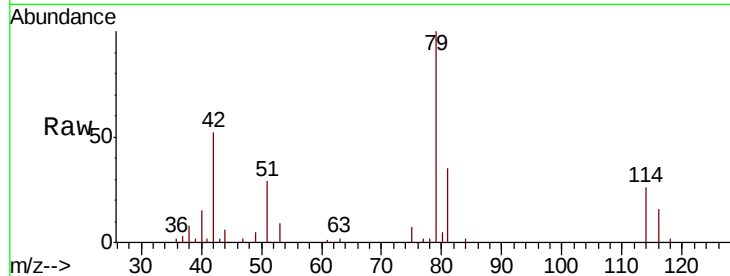
BG0E7

Tot Ion: 75 Resp: 1007

Ion Ratio Lower Upper

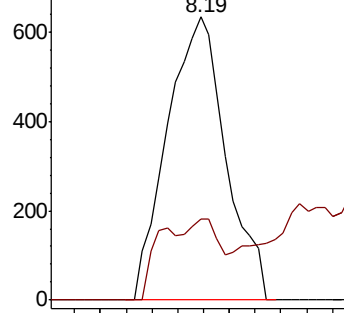
75 100

77 28.8 22.3 41.3

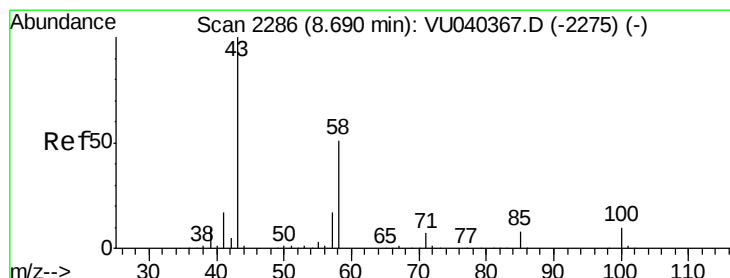
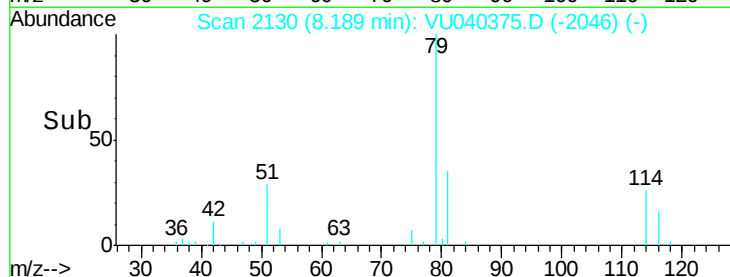


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#48

2-Hexanone

Concen: 2.176 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040375.D

Acq: 29 Sep 2020 22:01

Tgt Ion: 43 Resp: 14939

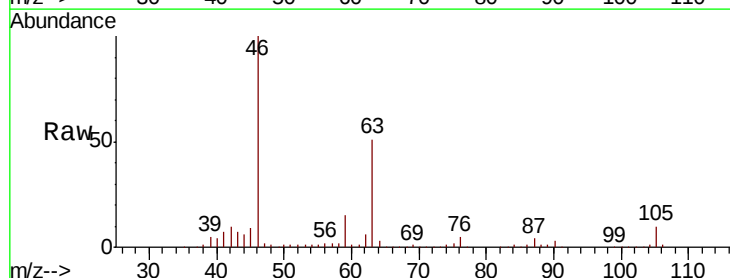
Ion Ratio Lower Upper

43 100

58 28.3 41.0 61.4#

57 32.3 14.6 22.0#

100 1.4 8.2 12.4#

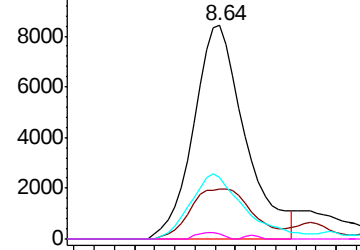


Abundance Ion 43.05 (42.75 to 43.75): VU0

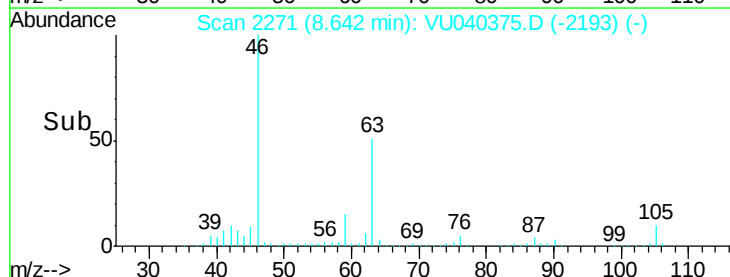
Ion 58.05 (57.75 to 58.75): VU0

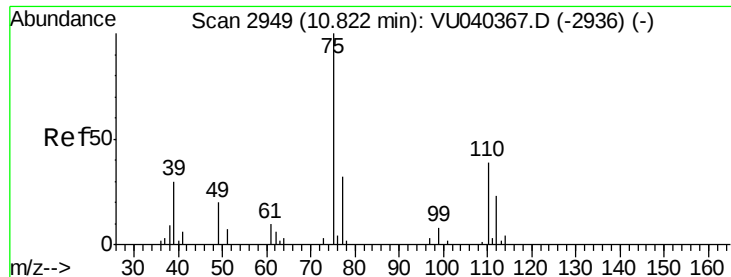
Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



Time-->





#59

1,2,3-Trichloropropane

Concen: 0.904 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040375.D

Acq: 29 Sep 2020 22:01

Instrument :

MSVOA_U

ClientSampleId :

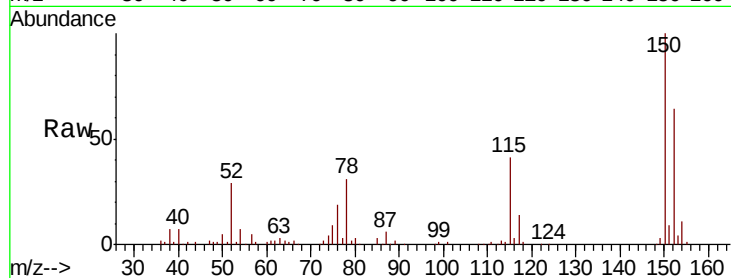
BG0E7

Tot Ion: 75 Resp: 7797

Ion Ratio Lower Upper

75 100

77 36.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

