

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040363.D
 Acq On : 29 Sep 2020 16:51
 Operator : SY/MD
 Sample : L4164-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AE1

Quant Time: Sep 30 01:52:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127861	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28596	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.92	69	27635	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	47175	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.65	46	156963	49.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.84%
24) Chloroform-d	5.08	84	73550	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	45399	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.74	84	127796	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	46817	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	100880	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	17674	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	109323	47.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43648	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	46093	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

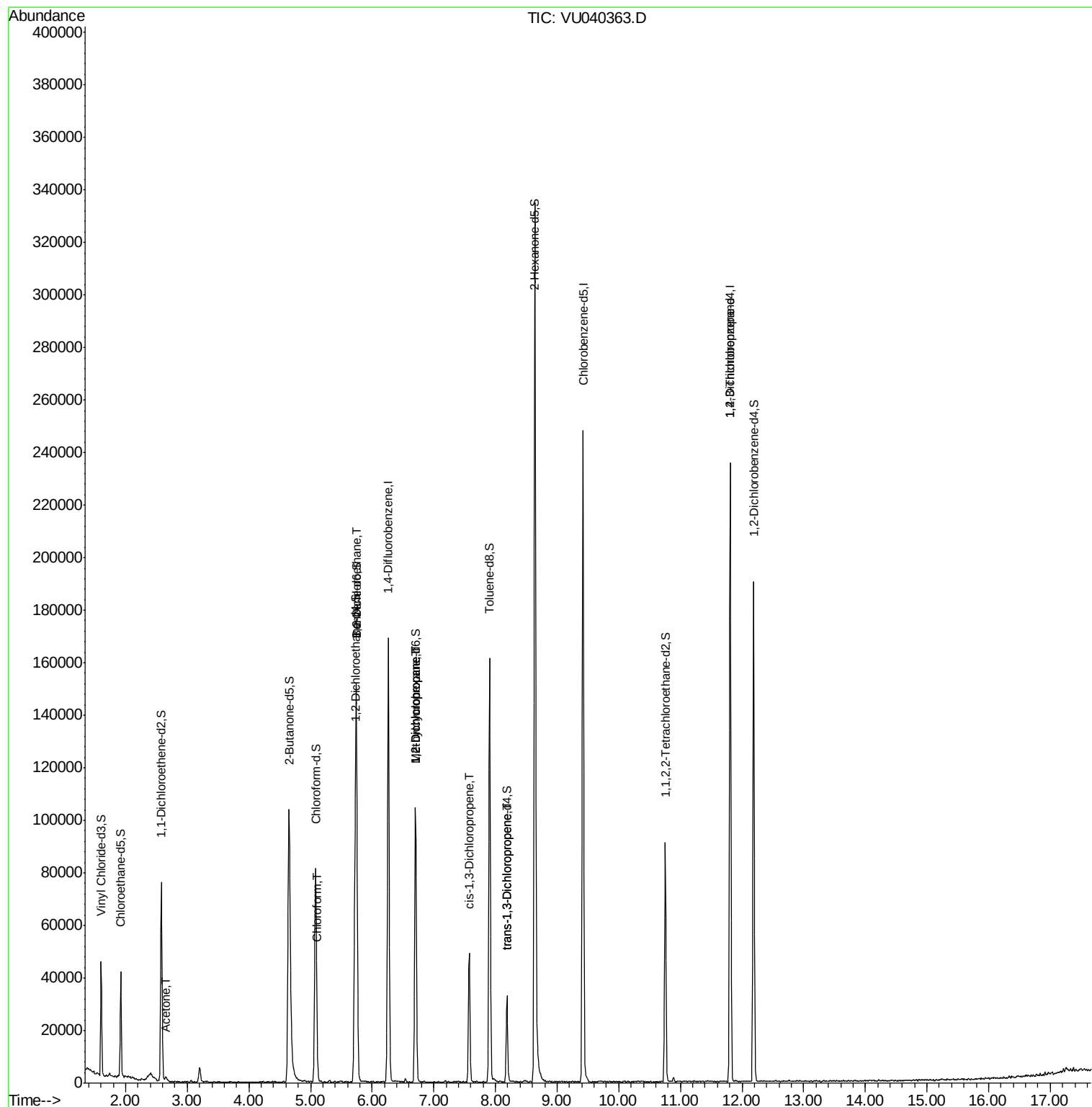
					Ovalue
13) Acetone	2.65	43	3156	1.205	ug/L 67
25) Chloroform	5.11	83	2388	0.113	ug/L 94
27) 1,2-Dichloroethane	5.75	62	871	0.060	ug/L # 74
35) Methylcyclohexane	6.70	83	11579	0.687	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5446	0.452	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1415	0.088	ug/L # 63
44) trans-1,3-Dichloropropene	8.19	75	771	0.052	ug/L 87
59) 1,2,3-Trichloropropane	11.81	75	8398	0.961	ug/L 90

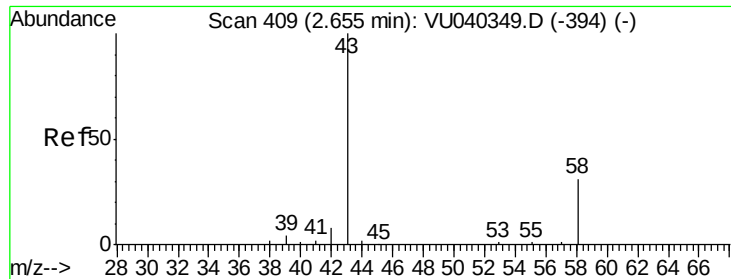
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.205 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU040363.D

Acq: 29 Sep 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

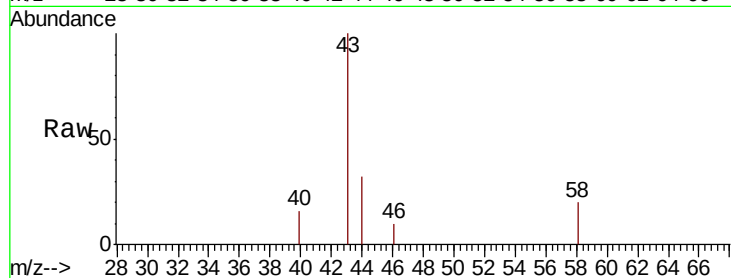
E0AE1

Tot Ion: 43 Resp: 3156

Ion Ratio Lower Upper

43 100

58 12.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040349.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU040349.D (-394) (-)

2.65

1500

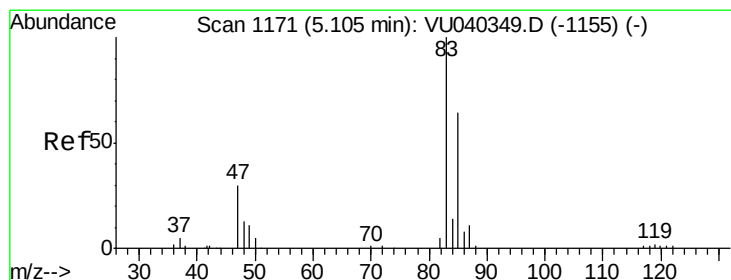
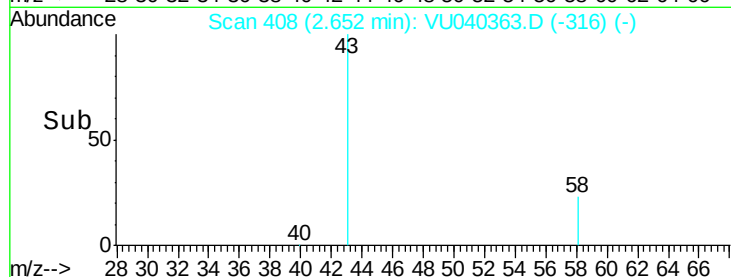
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#25

Chloroform

Concen: 0.113 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040363.D

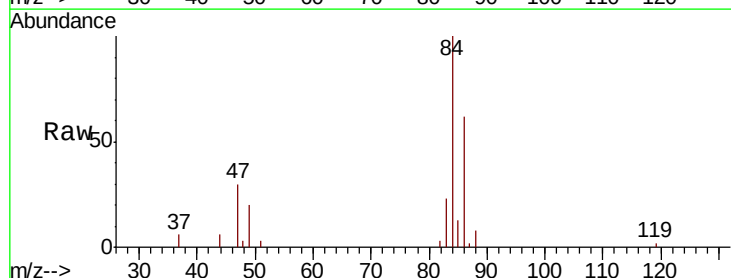
Acq: 29 Sep 2020 16:51

Tgt Ion: 83 Resp: 2388

Ion Ratio Lower Upper

83 100

85 59.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040349.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU040349.D (-1155) (-)

5.11

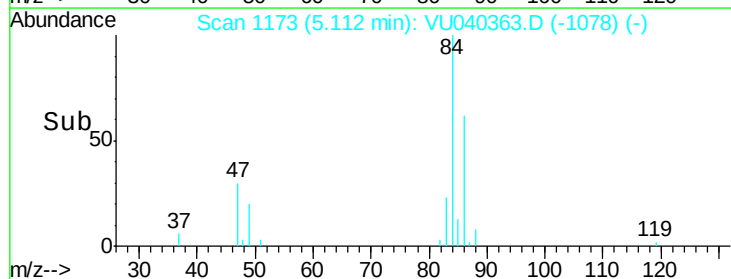
1000

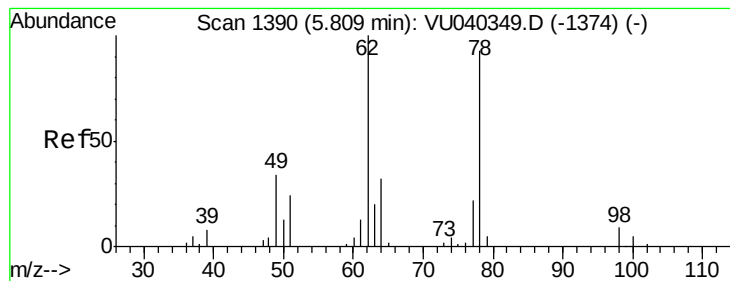
500

0

Time-->

5.05 5.10 5.15





#27

1,2-Dichloroethane

Concen: 0.060 ug/L

RT: 5.75 min Scan# 1372

Delta R.T. -0.06 min

Lab File: VU040363.D

Acq: 29 Sep 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

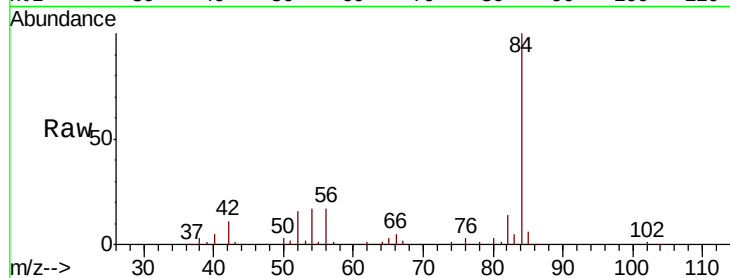
E0AE1

Tot Ion: 62 Resp: 871

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.75

400

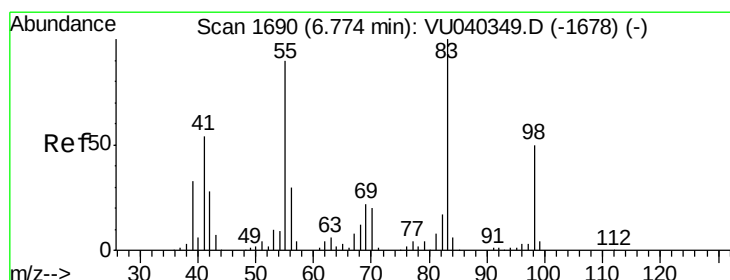
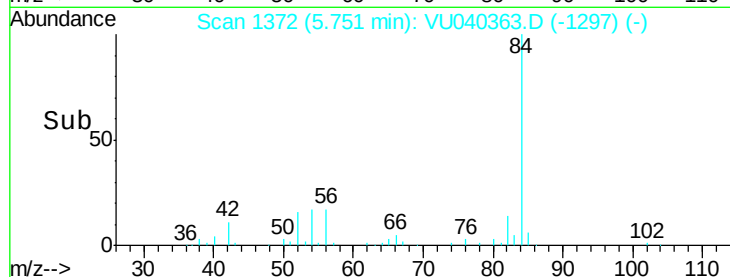
300

200

100

0

Time-->



#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040363.D

Acq: 29 Sep 2020 16:51

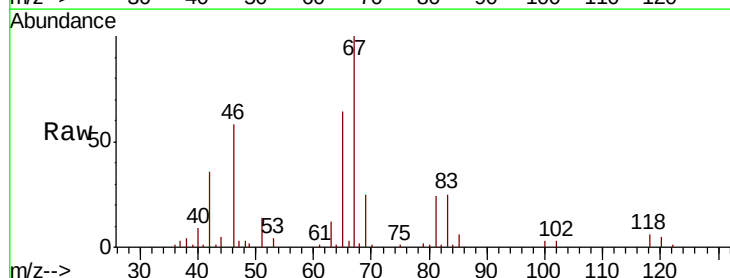
Tgt Ion: 83 Resp: 11579

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

98 1.2 38.5 57.7#



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

8000

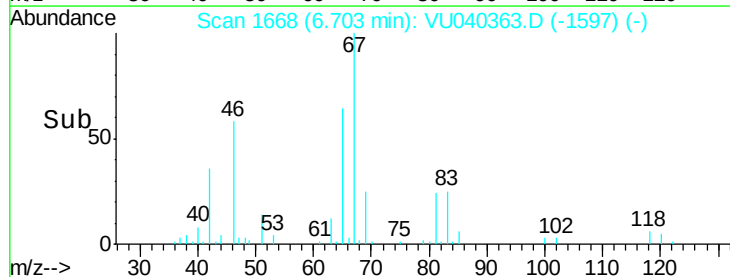
6000

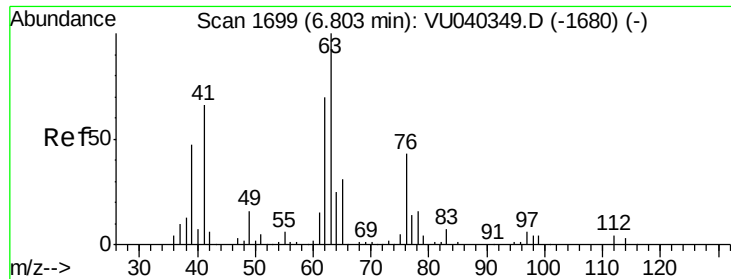
4000

2000

0

Time-->

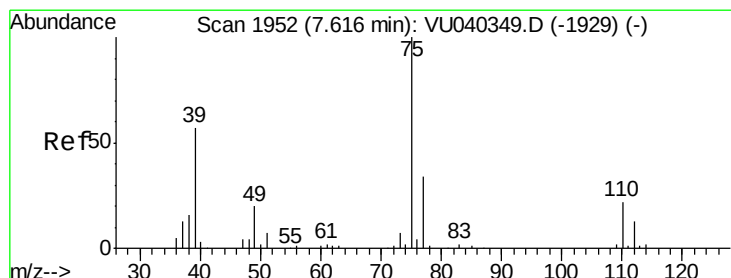
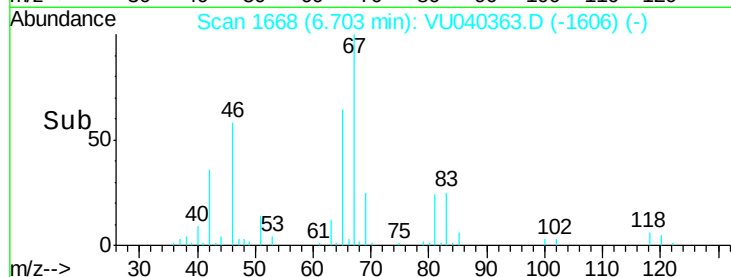
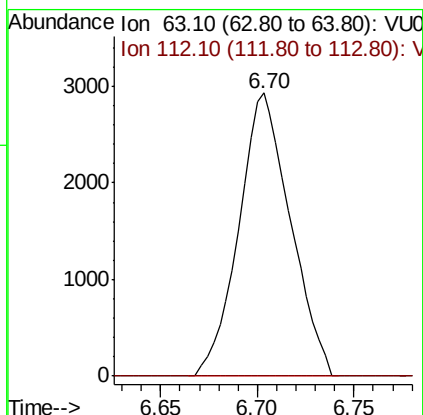
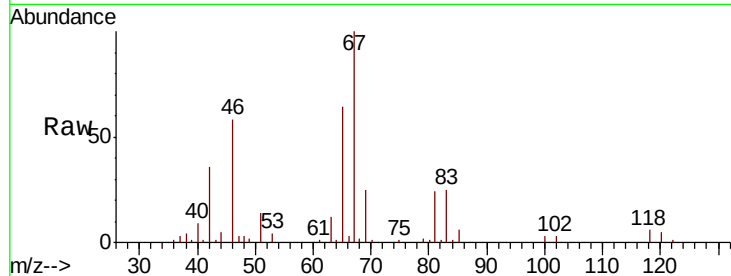




#37
 1,2-Dichloropropane
 Concen: 0.452 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040363.D
 Acq: 29 Sep 2020 16:51

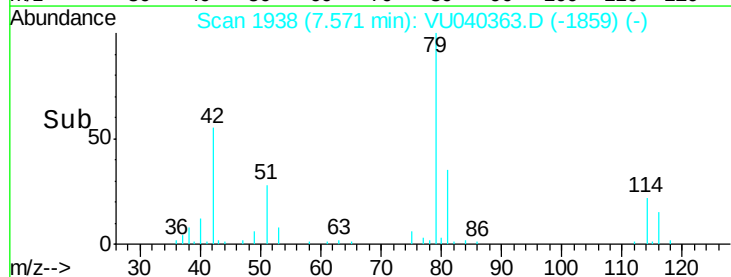
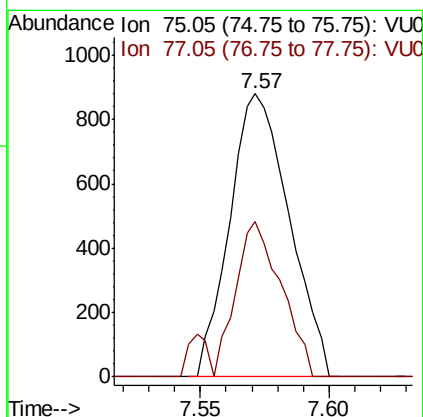
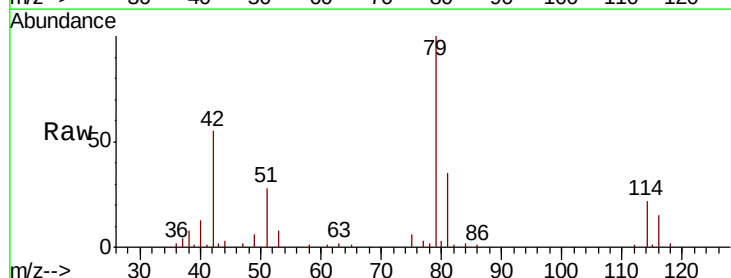
Instrument :
 MSVOA_U
 ClientSampled :
 E0AE1

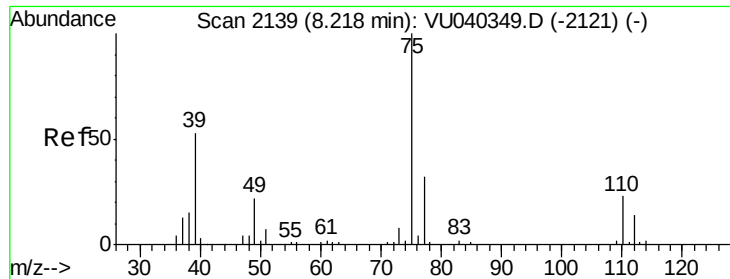
Tot Ion: 63 Resp: 5446
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU040363.D
 Acq: 29 Sep 2020 16:51

Tgt Ion: 75 Resp: 1415
 Ion Ratio Lower Upper
 75 100
 77 54.9 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.052 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040363.D

Acq: 29 Sep 2020 16:51

Instrument :

MSVOA_U

ClientSampled :

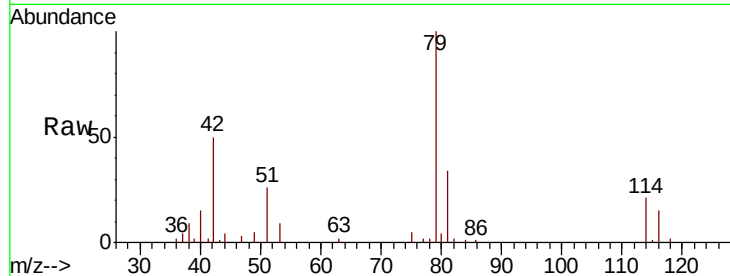
E0AE1

Tot Ion: 75 Resp: 771

Ion Ratio Lower Upper

75 100

77 39.2 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

500

400

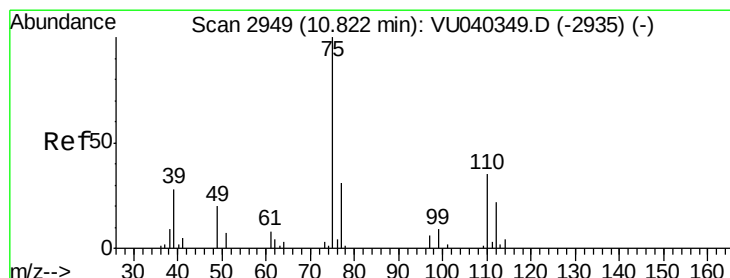
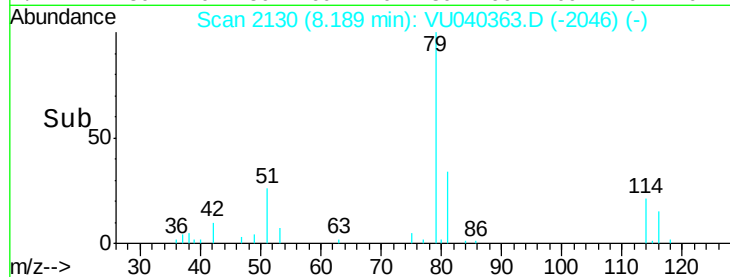
300

200

100

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.961 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040363.D

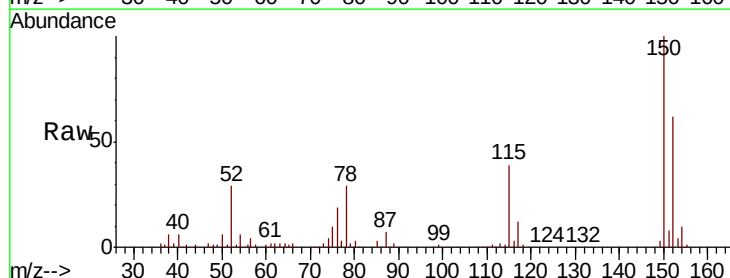
Acq: 29 Sep 2020 16:51

Tgt Ion: 75 Resp: 8398

Ion Ratio Lower Upper

75 100

77 37.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

6000

5000

4000

3000

2000

1000

0

Time-->

