

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040801.D
 Acq On : 19 Oct 2020 13:46
 Operator : SY/MD
 Sample : L4419-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH3

Quant Time: Oct 20 01:37:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120845	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33191	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.92	69	32787	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.58	63	53846	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.66	46	174404	54.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.86%
24) Chloroform-d	5.08	84	82827	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	53264	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	142985	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.70	67	51649	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	106380	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	8.19	79	19139	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	114383	47.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48384	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45839	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

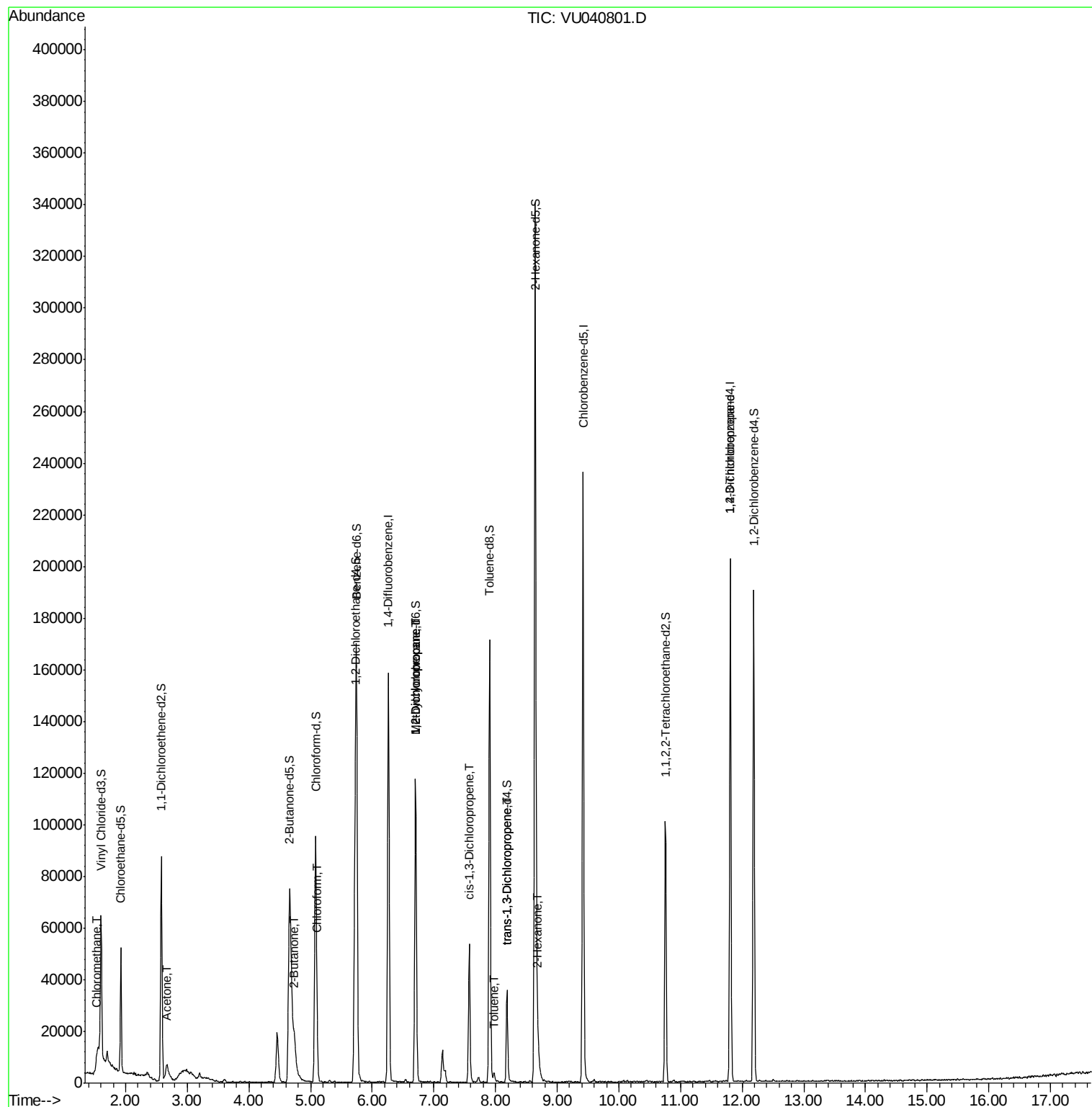
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	920	0.090	ug/L #	83
13) Acetone	2.67	43	13360	5.379	ug/L	87
21) 2-Butanone	4.75	43	19414	5.013	ug/L #	73
25) Chloroform	5.11	83	4026	0.211	ug/L	96
35) Methylcyclohexane	6.70	83	12286	0.851	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6197	0.567	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1409	0.094	ug/L #	41
42) Toluene	7.98	91	2635	0.066	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	950	0.069	ug/L #	72
48) 2-Hexanone	8.69	43	7580	1.168	ug/L #	91
59) 1,2,3-Trichloropropane	11.81	75	7488	0.932	ug/L	99

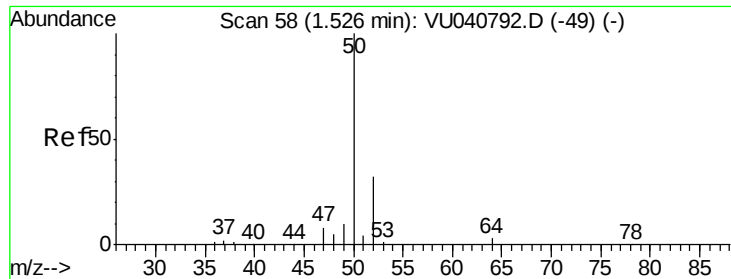
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040801.D

Acq: 19 Oct 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

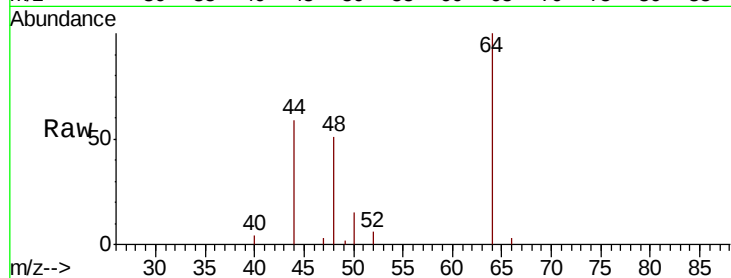
C0AH3

Tot Ion: 50 Resp: 920

Ion Ratio Lower Upper

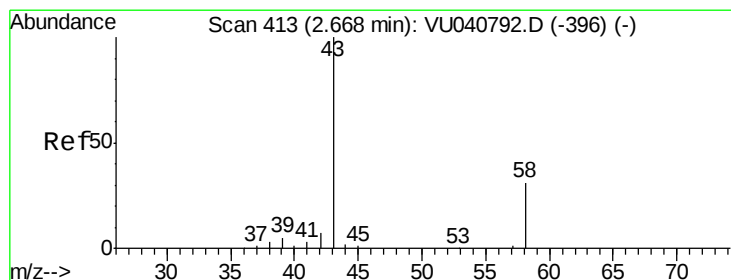
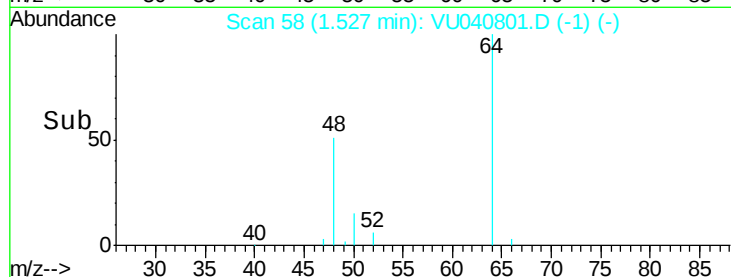
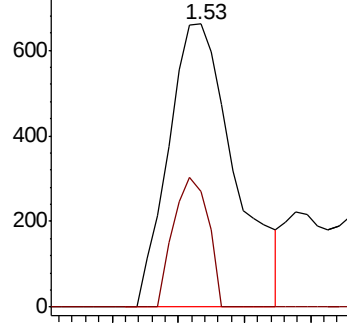
50 100

52 40.8 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 5.379 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU040801.D

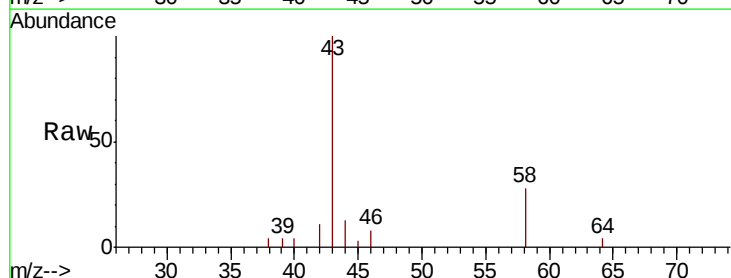
Acq: 19 Oct 2020 13:46

Tgt Ion: 43 Resp: 13360

Ion Ratio Lower Upper

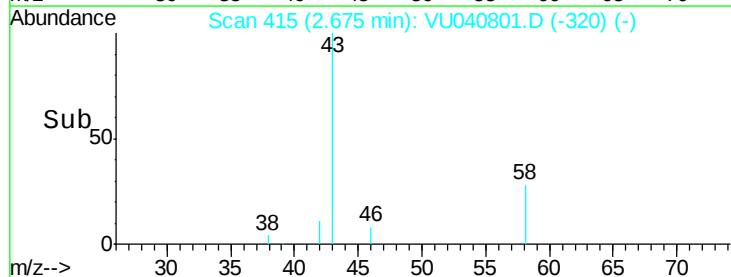
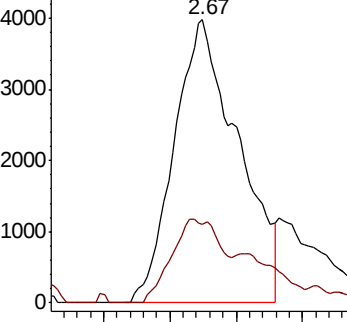
43 100

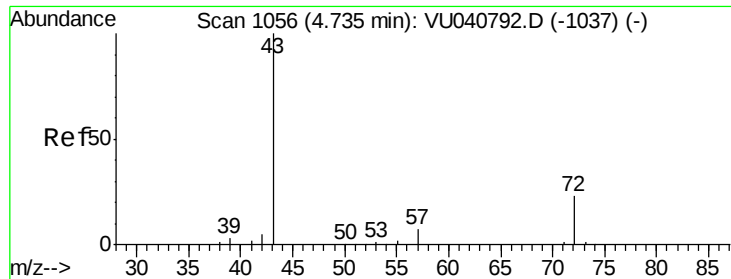
58 23.1 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 5.013 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VU040801.D

Acq: 19 Oct 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

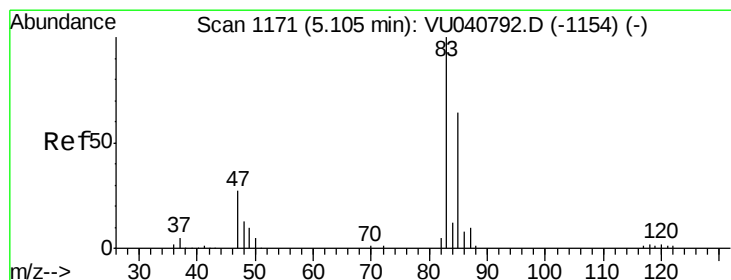
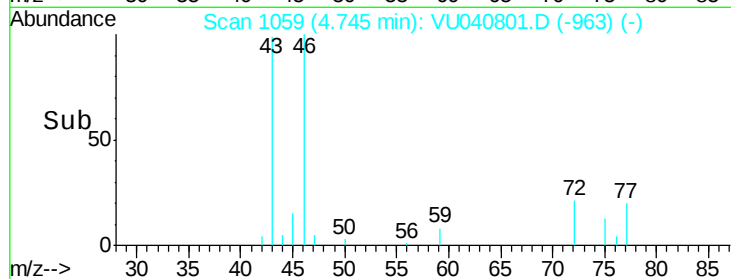
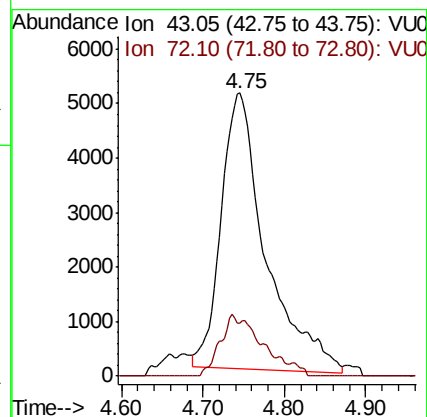
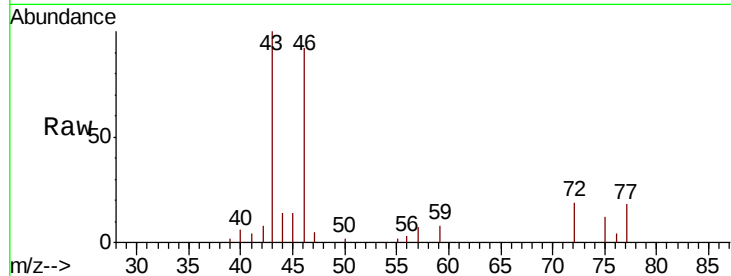
C0AH3

Tot Ion: 43 Resp: 19414

Ion Ratio Lower Upper

43 100

72 9.7 11.4 34.2#



#25

Chloroform

Concen: 0.211 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040801.D

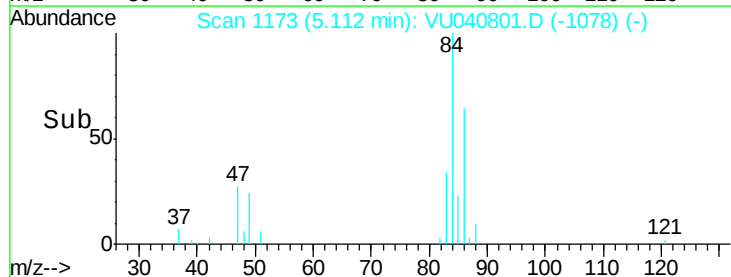
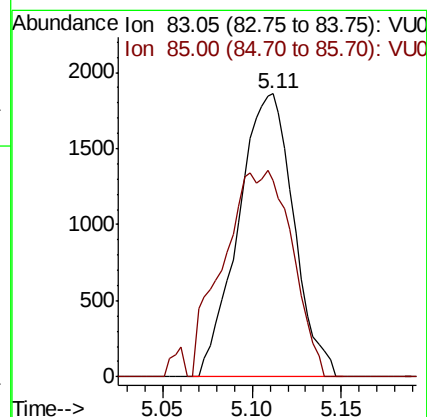
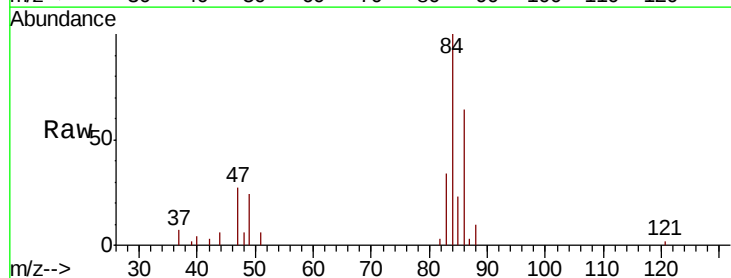
Acq: 19 Oct 2020 13:46

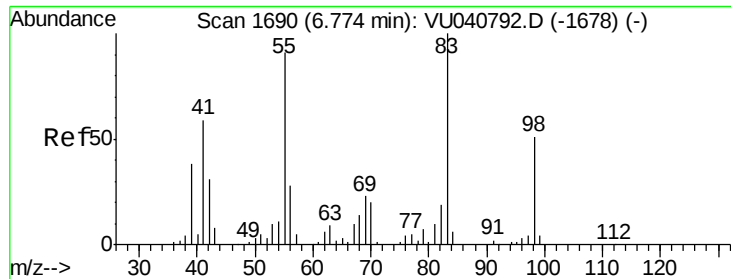
Tgt Ion: 83 Resp: 4026

Ion Ratio Lower Upper

83 100

85 69.3 46.5 86.5

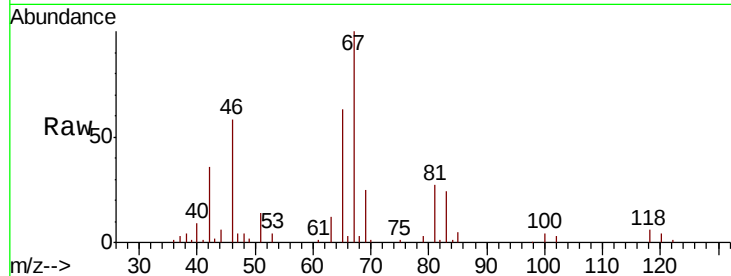




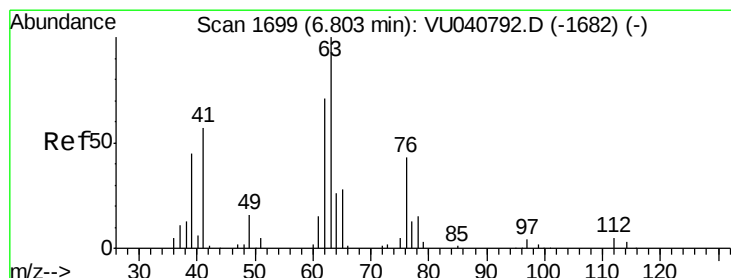
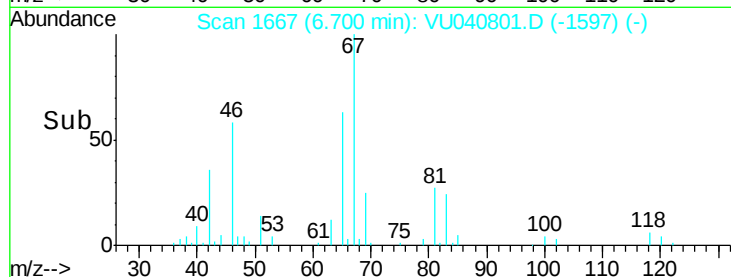
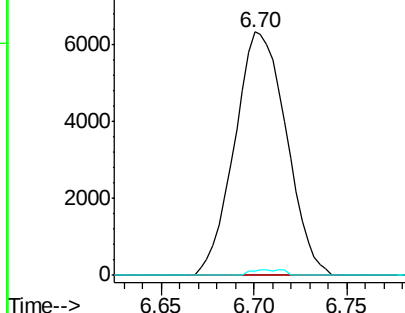
#35
Methvlcvclohexane
Concen: 0.851 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040801.D
Acq: 19 Oct 2020 13:46

Instrument :
MSVOA_U
ClientSampleId :
C0AH3

Tot Ion: 83 Resp: 12286
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.4 38.4 57.6#

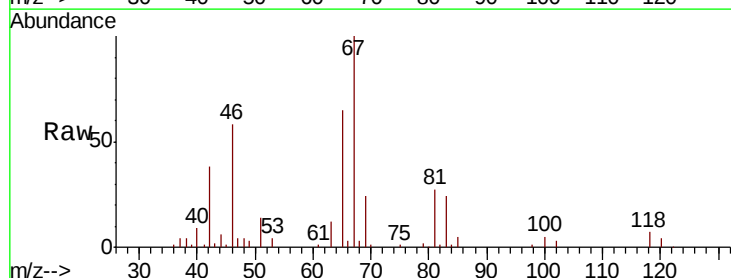


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

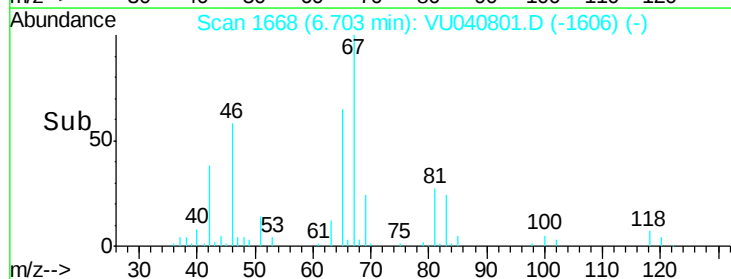
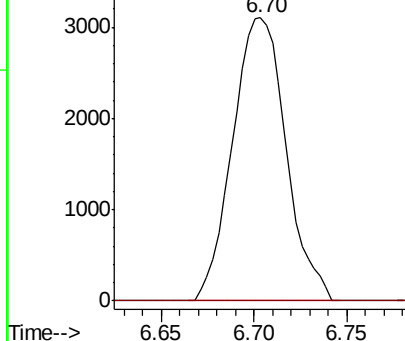


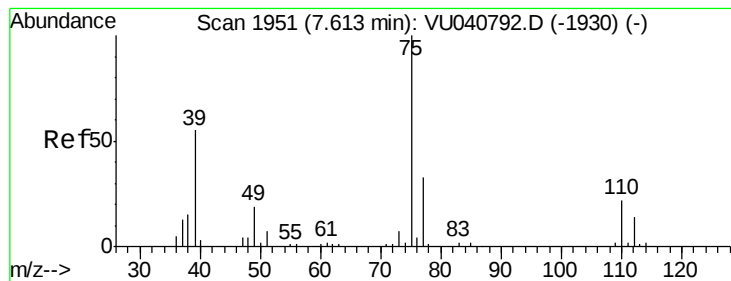
#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040801.D
Acq: 19 Oct 2020 13:46

Tgt Ion: 63 Resp: 6197
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: 0.094 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040801.D

Acq: 19 Oct 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

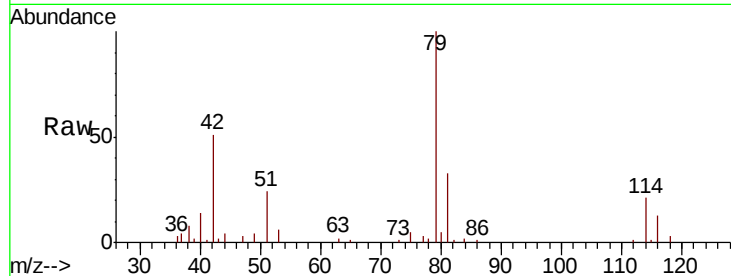
C0AH3

Tot Ion: 75 Resp: 1409

Ion Ratio Lower Upper

75 100

77 61.1 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.58

800

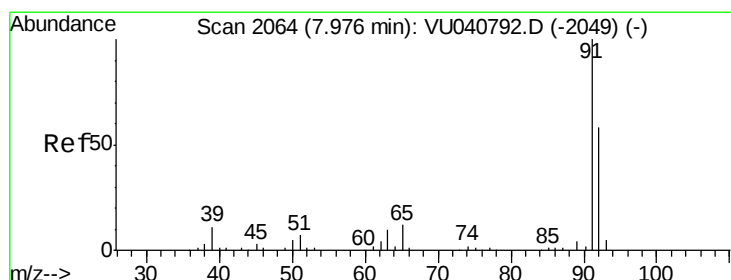
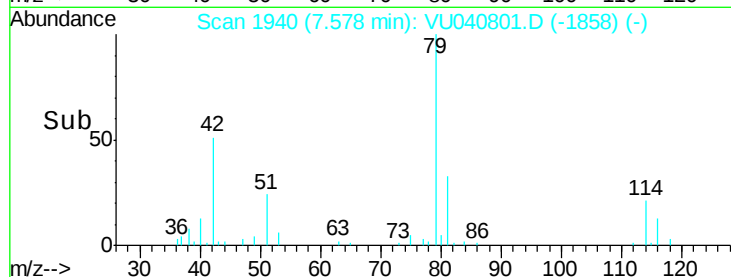
600

400

200

0

Time-->



#42

Toluene

Concen: 0.066 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040801.D

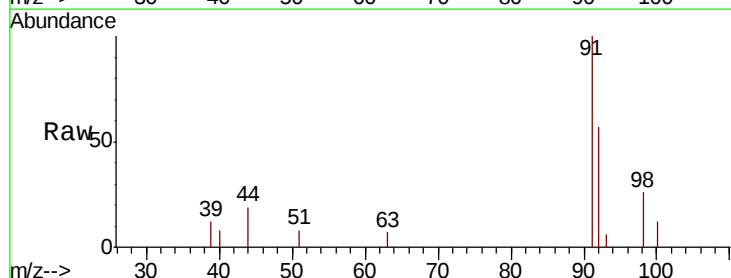
Acq: 19 Oct 2020 13:46

Tgt Ion: 91 Resp: 2635

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

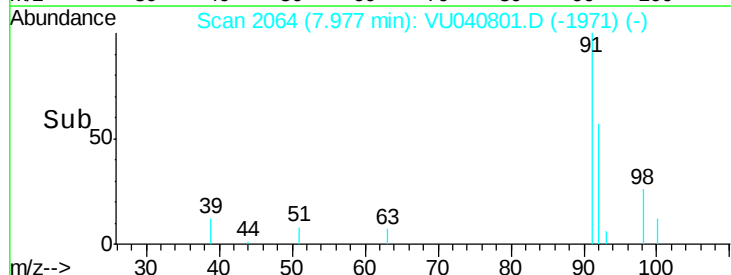
1500

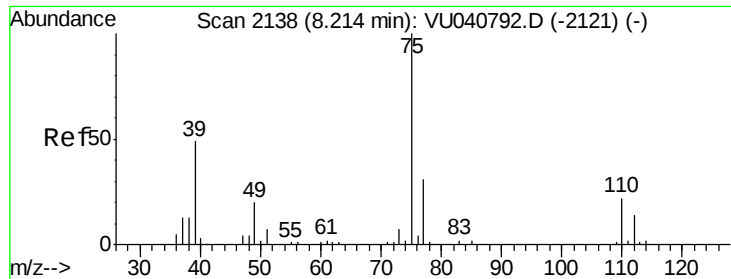
1000

500

0

Time-->

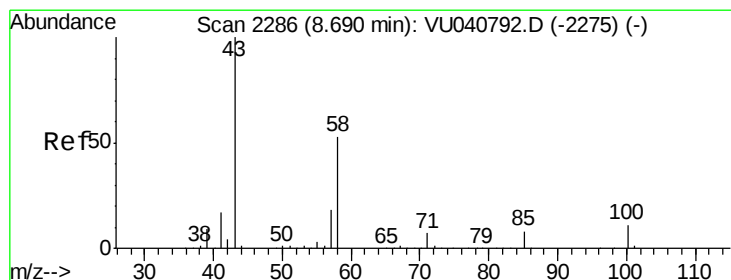
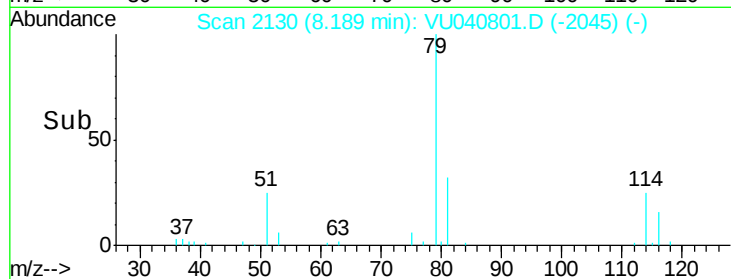
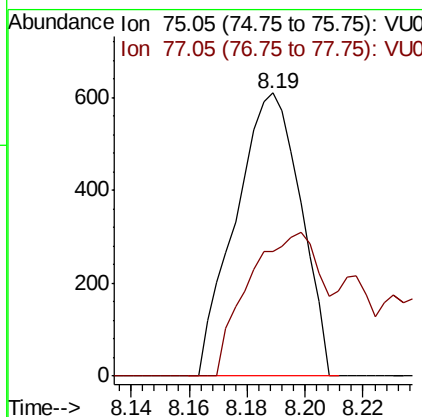
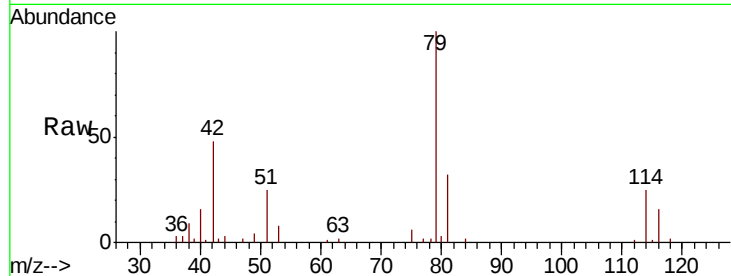




#44
trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040801.D
Acq: 19 Oct 2020 13:46

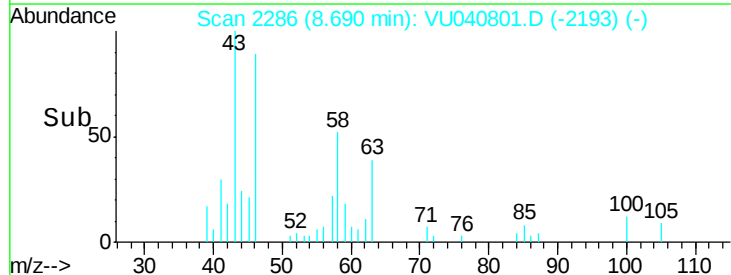
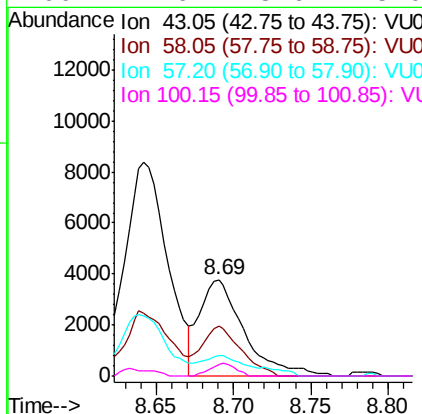
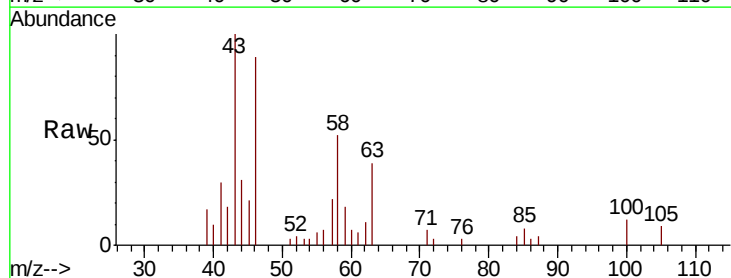
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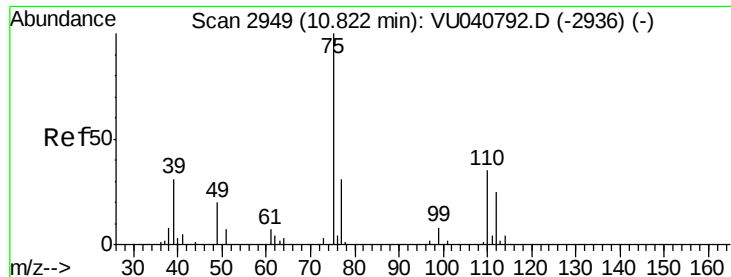
Tot Ion: 75 Resp: 950
Ion Ratio Lower Upper
75 100
77 44.2 20.4 38.0#



#48
2-Hexanone
Concen: 1.168 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040801.D
Acq: 19 Oct 2020 13:46

Tgt Ion: 43 Resp: 7580
Ion Ratio Lower Upper
43 100
58 45.6 41.0 61.6
57 23.6 14.4 21.6#
100 7.6 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.932 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040801.D

Acq: 19 Oct 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

C0AH3

Tot Ion: 75 Resp: 7488

Ion Ratio Lower Upper

75 100

77 33.8 26.4 39.6

