

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040954.D
 Acq On : 26 Oct 2020 19:07
 Operator : SY/MD
 Sample : L4492-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN7

Quant Time: Oct 27 03:17:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54435	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13419	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.92	69	14170	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.58	63	23078	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.66	46	83603	58.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.80%
24) Chloroform-d	5.08	84	36663	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	23345	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	61219	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.70	67	23177	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	46141	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	8.19	79	8333	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	57914	52.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22142	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	20305	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	339	0.069 ug/L	98
5) Vinyl chloride	1.61	62	179	0.037 ug/L #	1
8) Chloroethane	1.94	64	157	0.051 ug/L #	43
13) Acetone	2.68	43	1496	1.529 ug/L #	60
14) Carbon disulfide	2.81	76	685	0.056 ug/L #	74
15) Methyl Acetate	2.98	43	534	0.238 ug/L #	53
25) Chloroform	5.11	83	414	0.056 ug/L	88
27) 1,2-Dichloroethane	5.74	62	328	0.059 ug/L #	74
35) Methylcyclohexane	6.70	83	5249	0.850 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2530	0.575 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	554	0.091 ug/L #	82
42) Toluene	7.98	91	1172	0.071 ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	393	0.069 ug/L #	71
48) 2-Hexanone	8.64	43	8212	3.108 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	3144	0.958 ug/L	92

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration

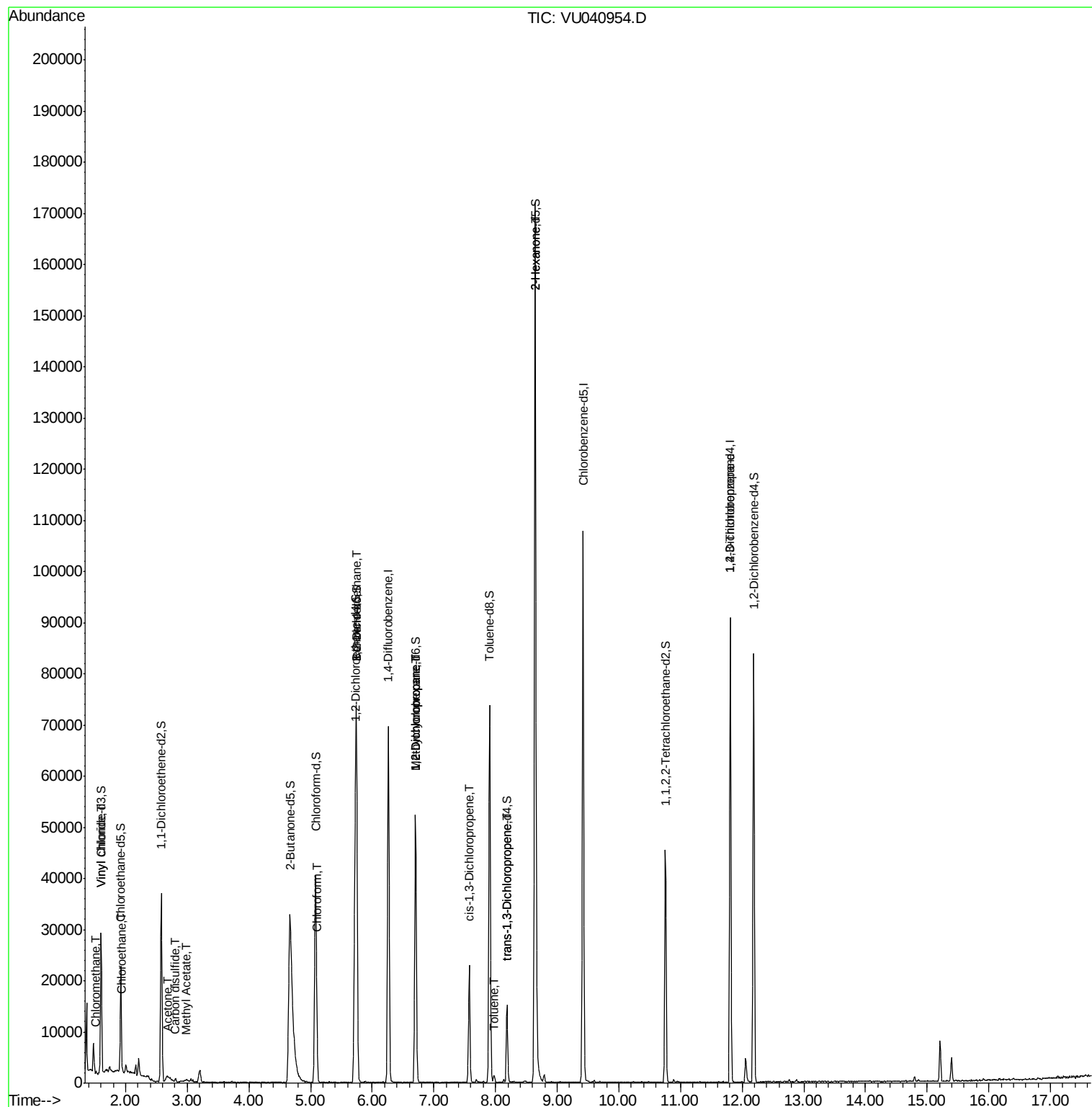
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

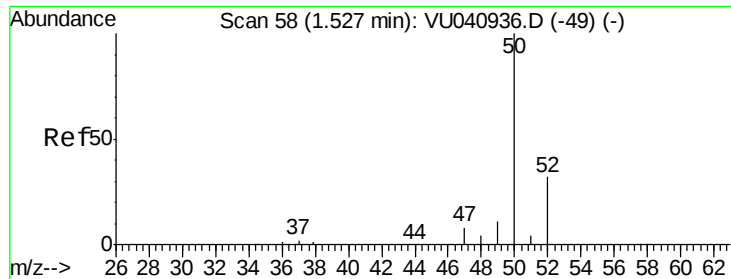
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#3

Chloromethane

Concen: 0.069 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040954.D

Acq: 26 Oct 2020 19:07

Instrument :

MSVOA_U

ClientSampleId :

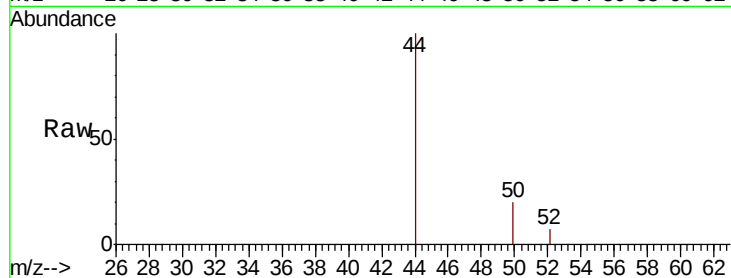
C0AN7

Tot Ion: 50 Resp: 339

Ion Ratio Lower Upper

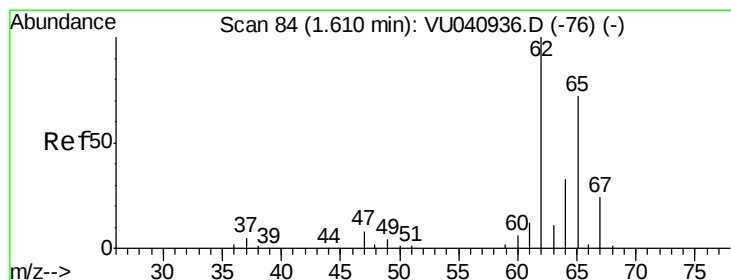
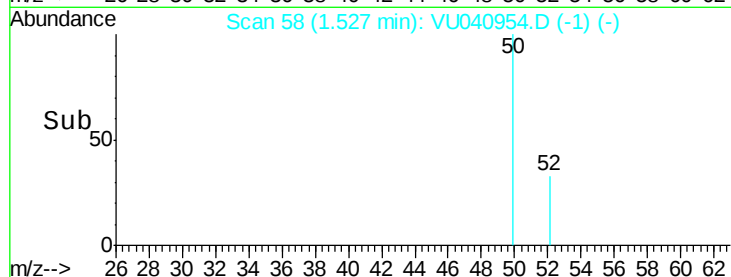
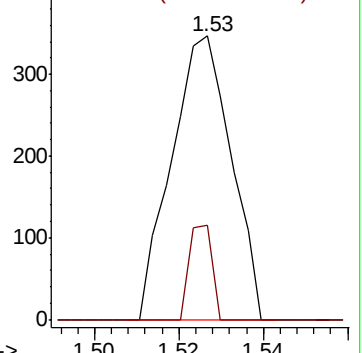
50 100

52 33.1 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.037 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040954.D

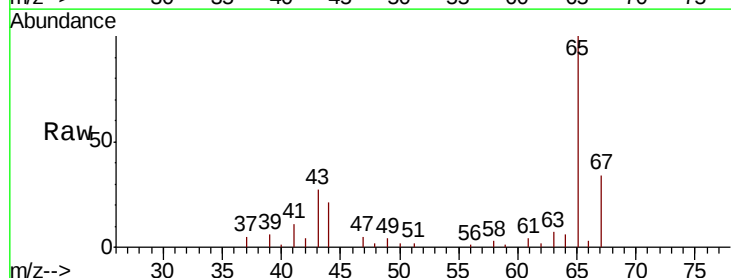
Acq: 26 Oct 2020 19:07

Tgt Ion: 62 Resp: 179

Ion Ratio Lower Upper

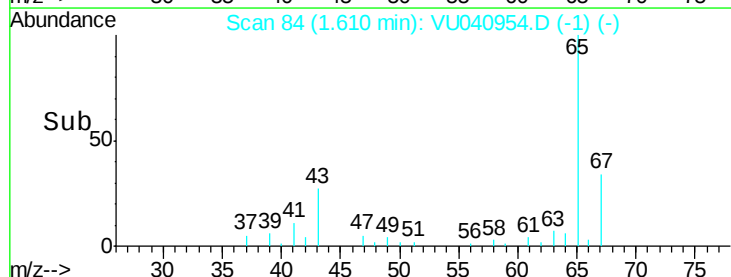
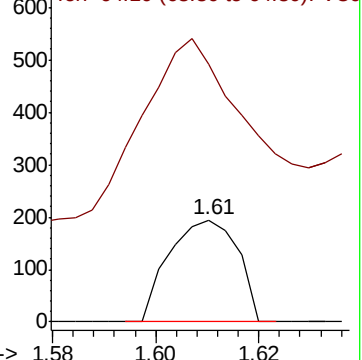
62 100

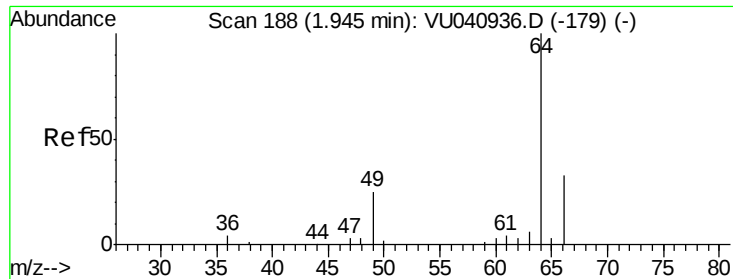
64 251.8 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#8

Chloroethane

Concen: 0.051 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040954.D

Acq: 26 Oct 2020 19:07

Instrument :

MSVOA_U

ClientSampleId :

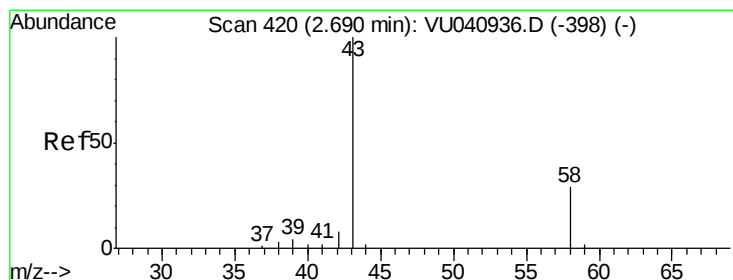
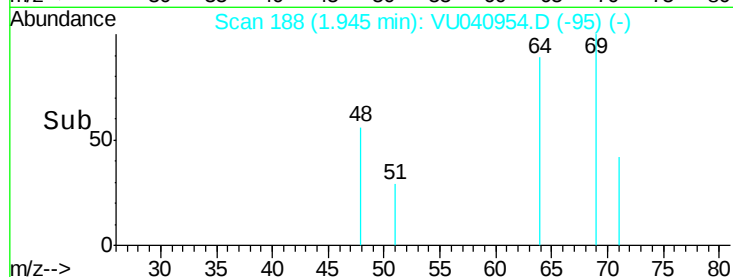
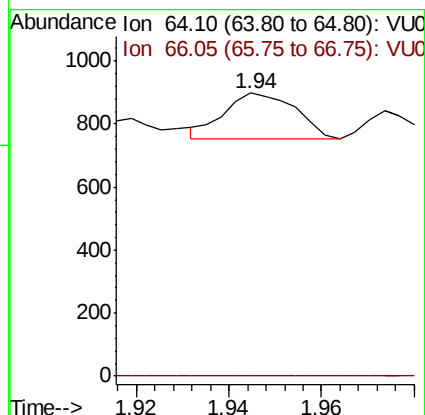
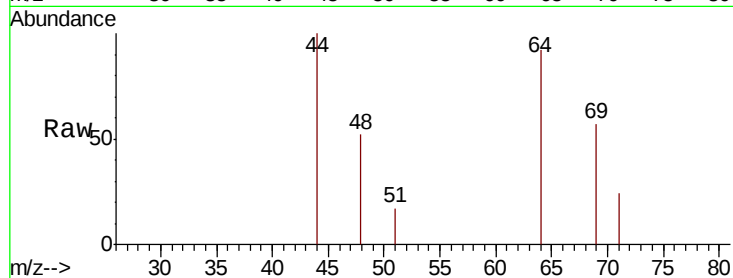
C0AN7

Tot Ion: 64 Resp: 157

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



#13

Acetone

Concen: 1.529 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU040954.D

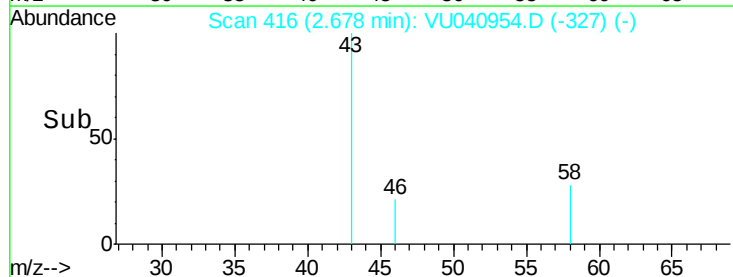
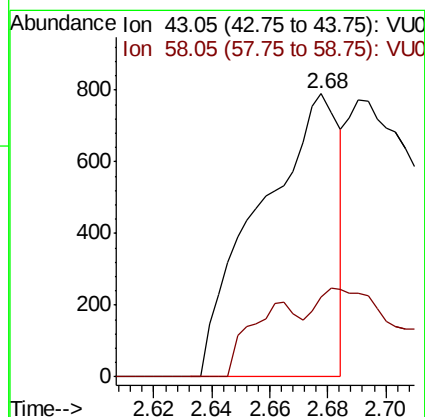
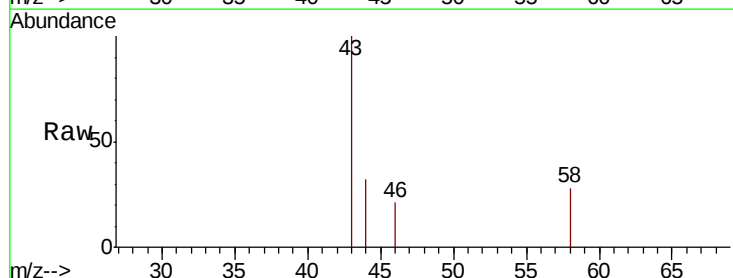
Acq: 26 Oct 2020 19:07

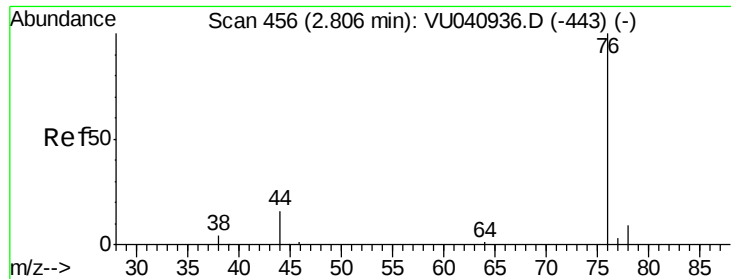
Tgt Ion: 43 Resp: 1496

Ion Ratio Lower Upper

43 100

58 28.5 0.0 25.4#

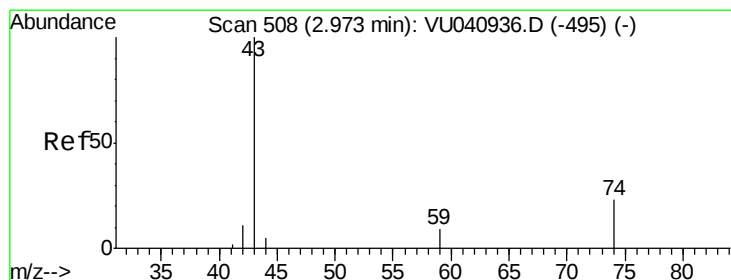
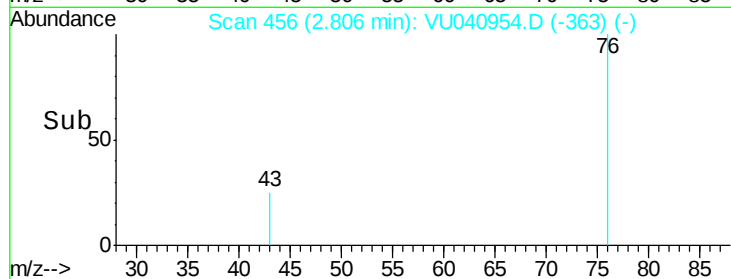
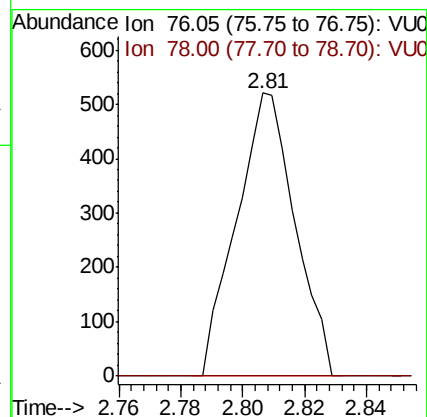
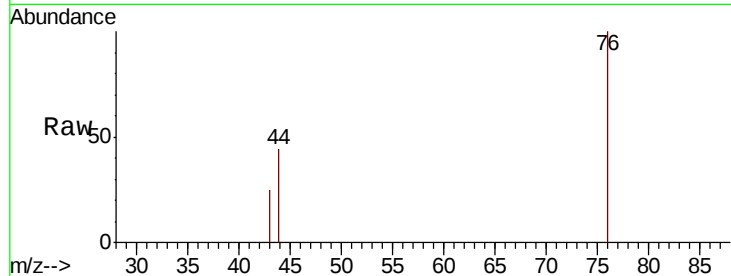




#14
Carbon disulfide
Concen: 0.056 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040954.D
Acq: 26 Oct 2020 19:07

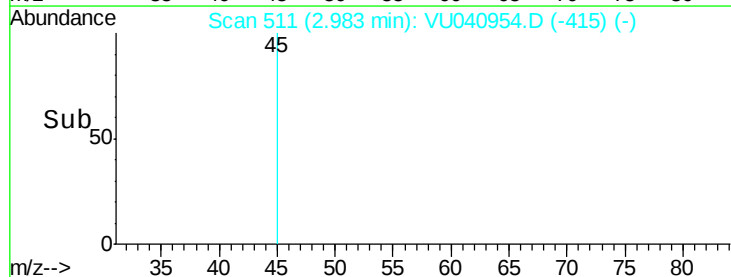
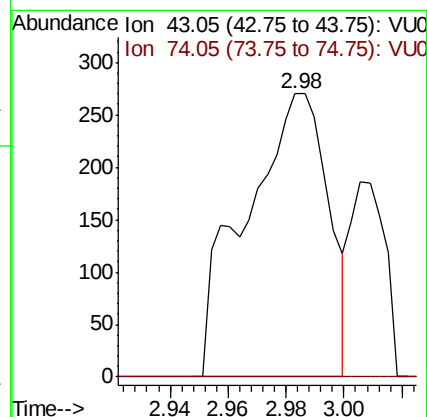
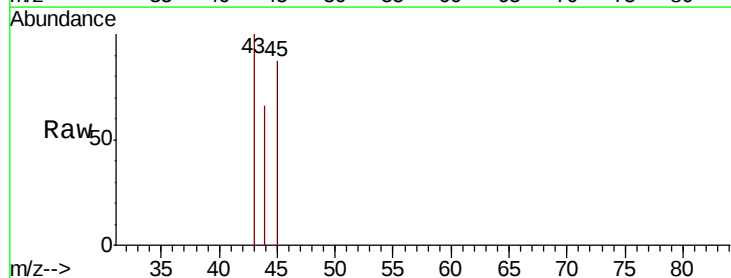
Instrument :
MSVOA_U
ClientSampleId :
C0AN7

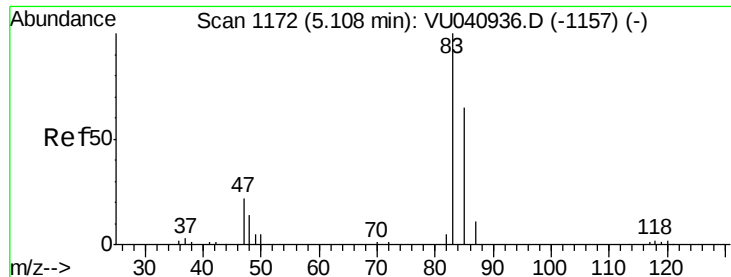
Tot Ion: 76 Resp: 685
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#15
Methyl Acetate
Concen: 0.238 ug/L
RT: 2.98 min Scan# 511
Delta R.T. 0.01 min
Lab File: VU040954.D
Acq: 26 Oct 2020 19:07

Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

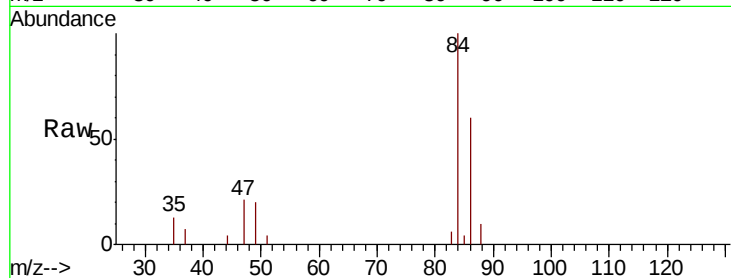




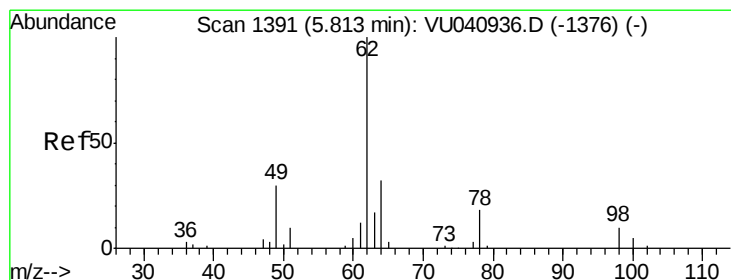
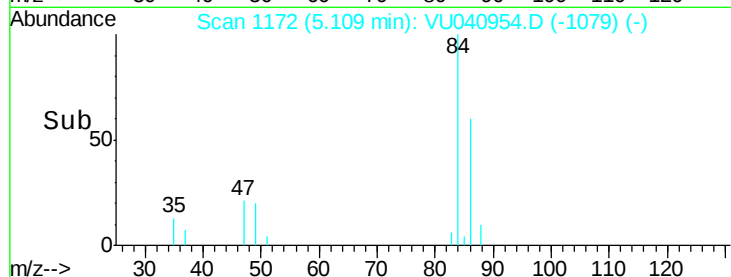
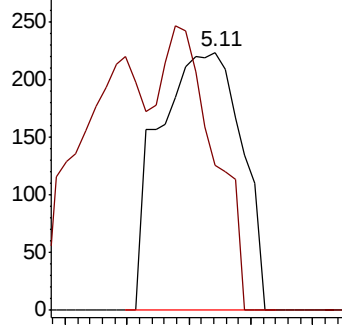
#25
Chloroform
Concen: 0.056 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040954.D
Acq: 26 Oct 2020 19:07

Instrument :
MSVOA_U
ClientSampled :
C0AN7

Tot Ion: 83 Resp: 414
Ion Ratio Lower Upper
83 100
85 56.1 46.1 85.7

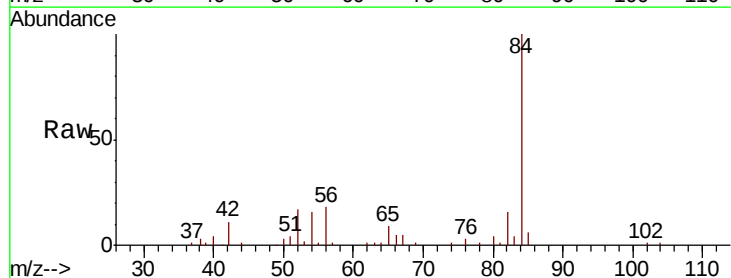


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

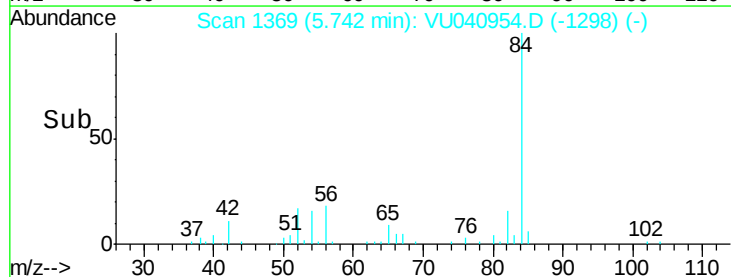
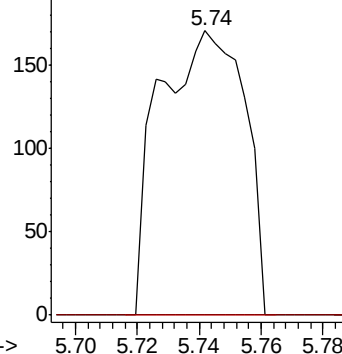


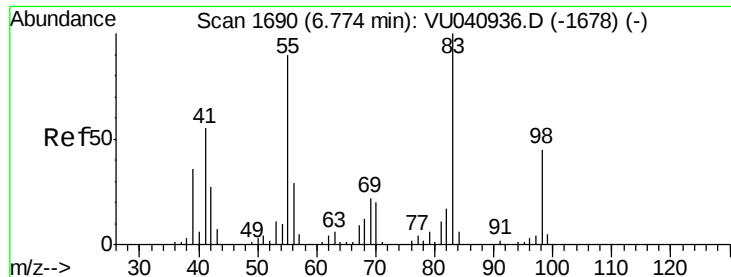
#27
1,2-Dichloroethane
Concen: 0.059 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040954.D
Acq: 26 Oct 2020 19:07

Tgt Ion: 62 Resp: 328
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

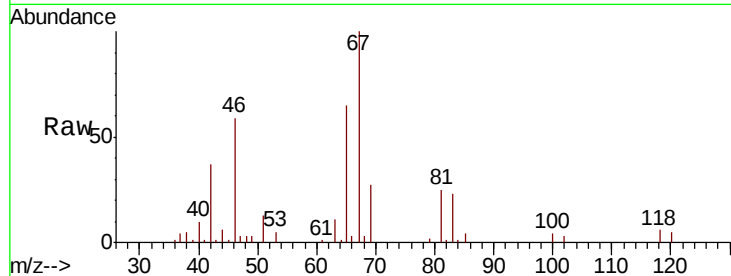




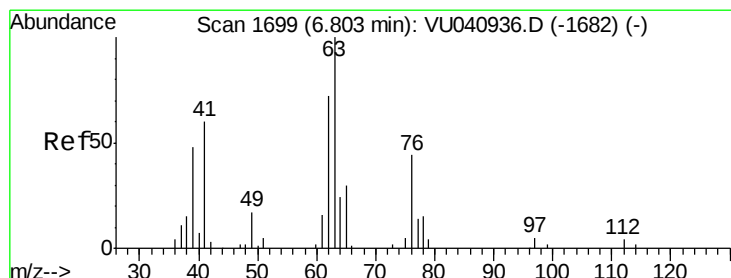
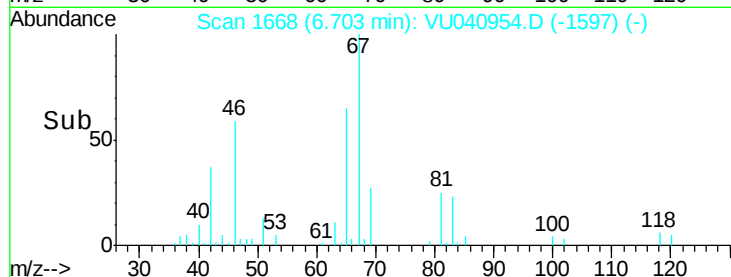
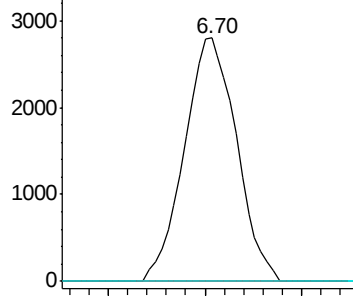
#35
Methvlcvclohexane
Concen: 0.850 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040954.D
Acq: 26 Oct 2020 19:07

Instrument :
MSVOA_U
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Tot Ion: 83 Resp: 5249
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

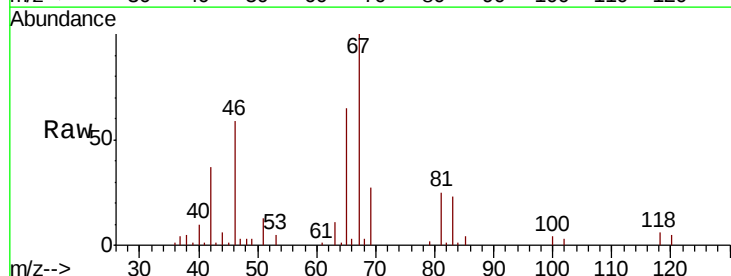


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

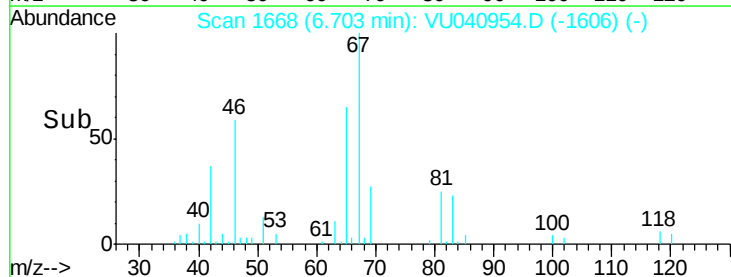
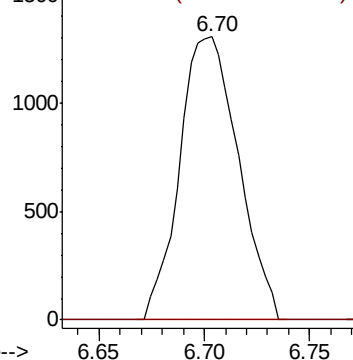


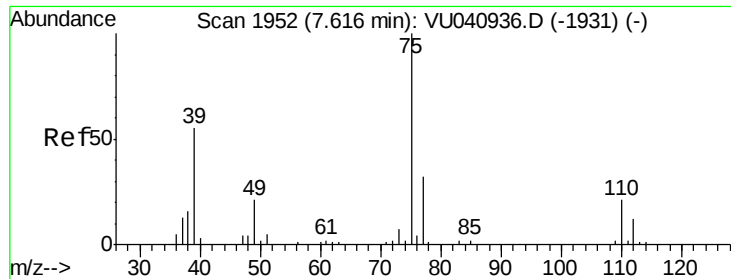
#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040954.D
Acq: 26 Oct 2020 19:07

Tgt Ion: 63 Resp: 2530
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

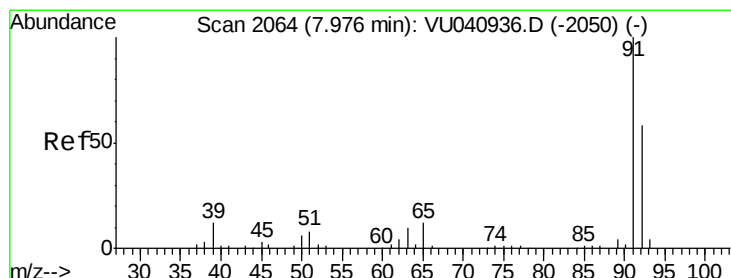
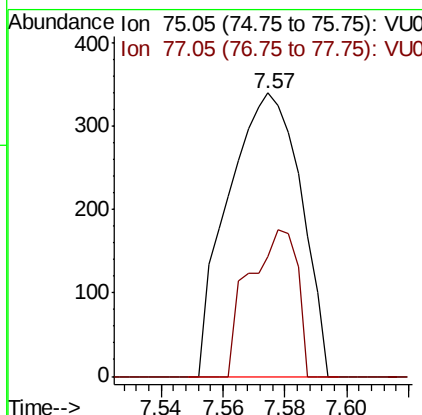
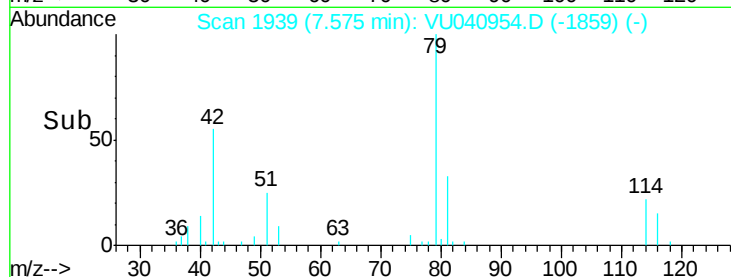
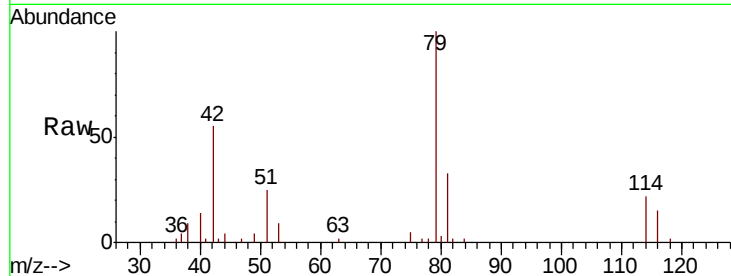




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040954.D
 Acq: 26 Oct 2020 19:07

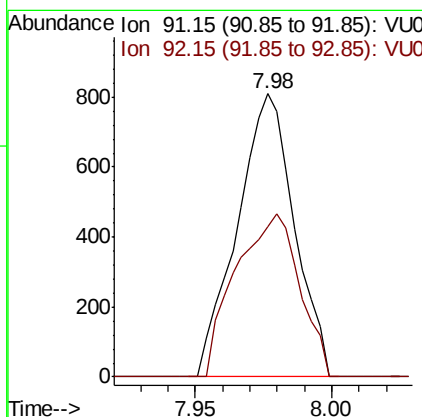
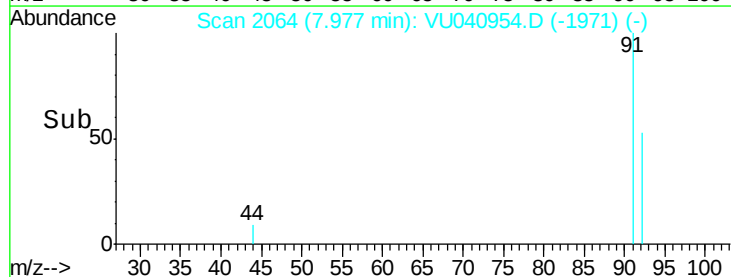
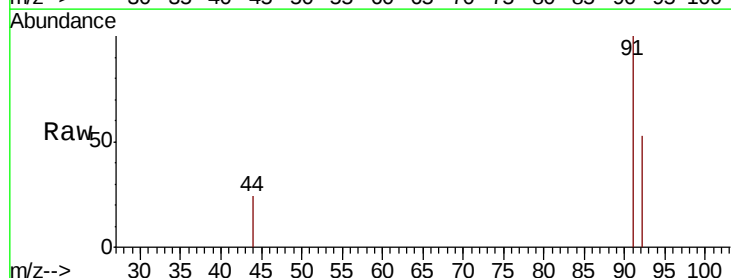
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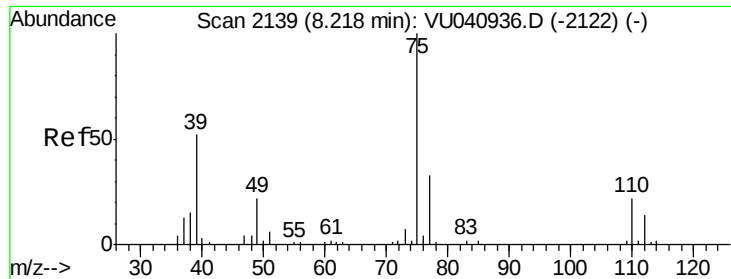
Tot Ion: 75 Resp: 554
 Ion Ratio Lower Upper
 75 100
 77 42.5 22.7 42.3#



#42
 Toluene
 Concen: 0.071 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040954.D
 Acq: 26 Oct 2020 19:07

Tgt Ion: 91 Resp: 1172
 Ion Ratio Lower Upper
 91 100
 92 53.0 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040954.D

Acq: 26 Oct 2020 19:07

Instrument :

MSVOA_U

ClientSampleId :

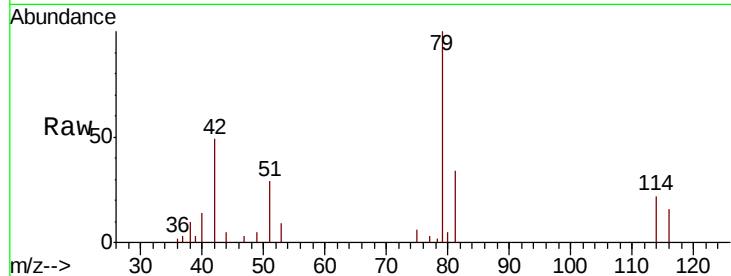
C0AN7

Tot Ion: 75 Resp: 393

Ion Ratio Lower Upper

75 100

77 49.5 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

300

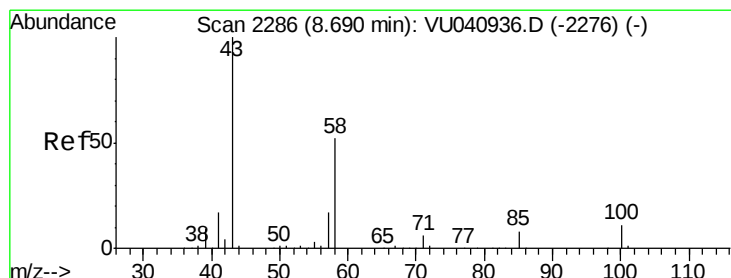
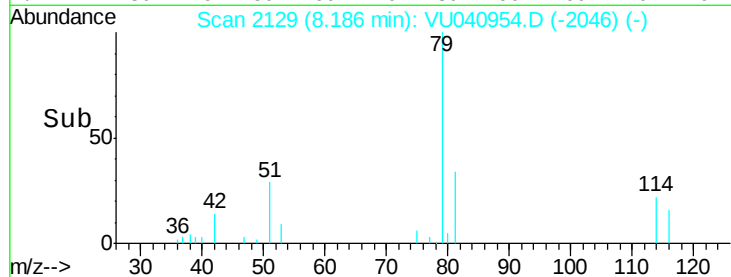
200

100

0

8.16 8.18 8.20 8.22

Time-->



#48

2-Hexanone

Concen: 3.108 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040954.D

Acq: 26 Oct 2020 19:07

Tgt Ion: 43 Resp: 8212

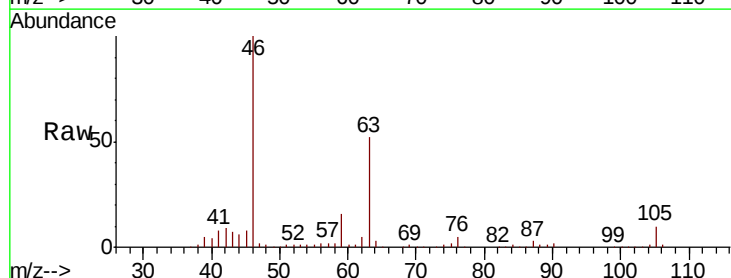
Ion Ratio Lower Upper

43 100

58 31.3 41.4 62.2#

57 31.3 14.6 21.8#

100 0.8 8.3 12.5#



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

6000

5000

4000

3000

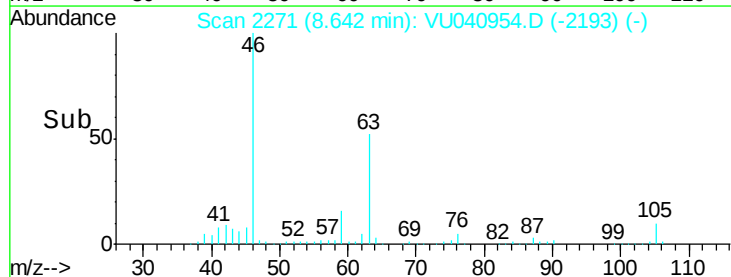
2000

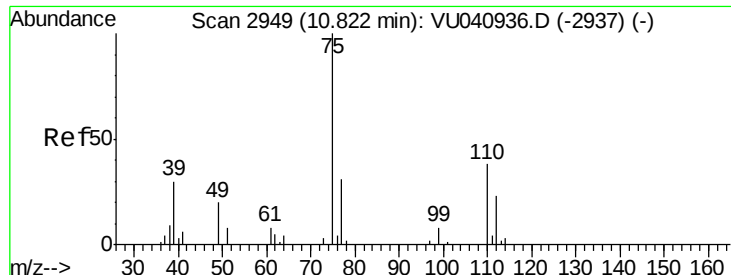
1000

0

8.60 8.65 8.70

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.958 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040954.D

Acq: 26 Oct 2020 19:07

Instrument :

MSVOA_U

ClientSampleId :

C0AN7

Tot Ion: 75 Resp: 3144

Ion Ratio Lower Upper

75 100

77 36.5 25.7 38.5

