

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040428.D
 Acq On : 01 Oct 2020 16:54
 Operator : SY/MD
 Sample : L4202-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZQ7

Quant Time: Oct 02 03:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23926	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.92	69	24454	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.58	63	39940	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.65	46	159804	52.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.30%
24) Chloroform-d	5.08	84	68894	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	42739	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.75	84	114502	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	44048	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	88644	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	16021	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	108661	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44650	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44212	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

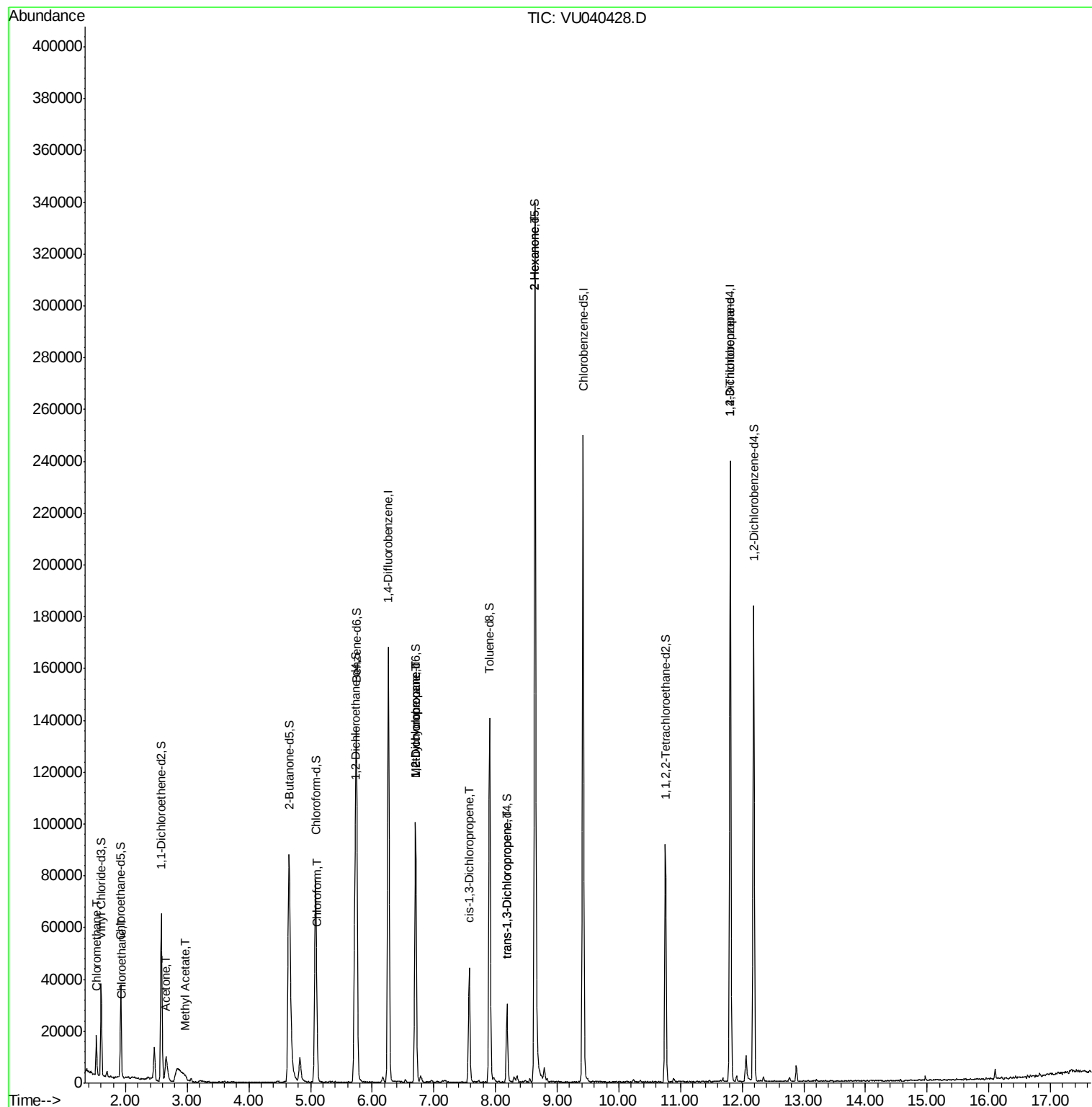
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	10499	0.857	ug/L	99
8) Chloroethane	1.94	64	225	0.032	ug/L #	44
13) Acetone	2.66	43	17686	6.926	ug/L	93
15) Methyl Acetate	2.97	43	1569	0.255	ug/L #	56
25) Chloroform	5.11	83	3240	0.158	ug/L	96
35) Methylcyclohexane	6.70	83	10656	0.630	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5004	0.414	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1170	0.072	ug/L #	75
44) trans-1,3-Dichloropropene	8.19	75	738	0.049	ug/L #	59
48) 2-Hexanone	8.64	43	15774	2.261	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	8015	0.915	ug/L #	84

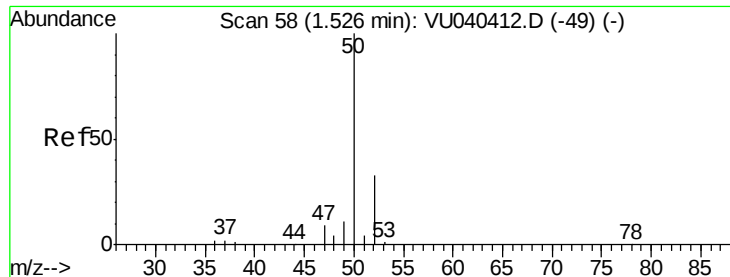
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.857 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040428.D

Acq: 01 Oct 2020 16:54

Instrument :

MSVOA_U

ClientSampleId :

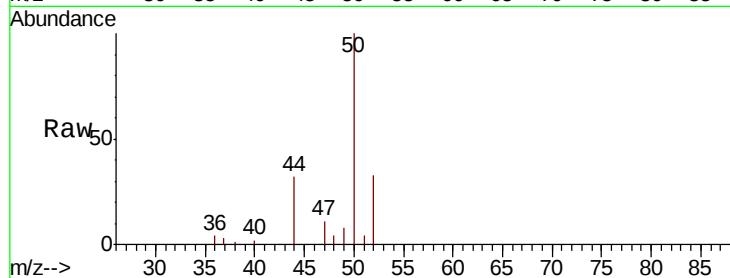
BFZQ7

Tot Ion: 50 Resp: 10499

Ion Ratio Lower Upper

50 100

52 33.2 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

10000

8000

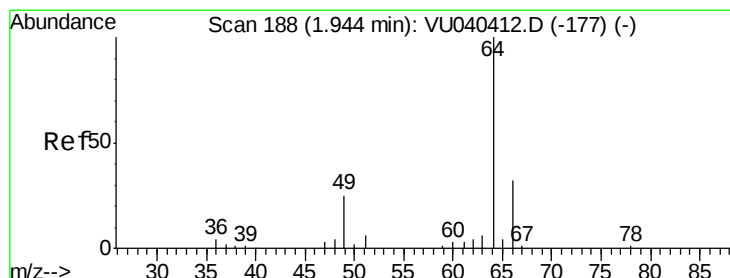
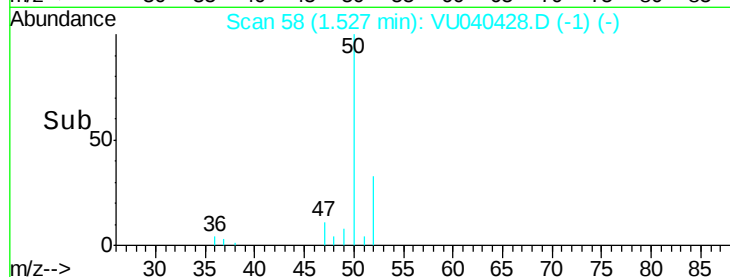
6000

4000

2000

0

Time-->



#8

Chloroethane

Concen: 0.032 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040428.D

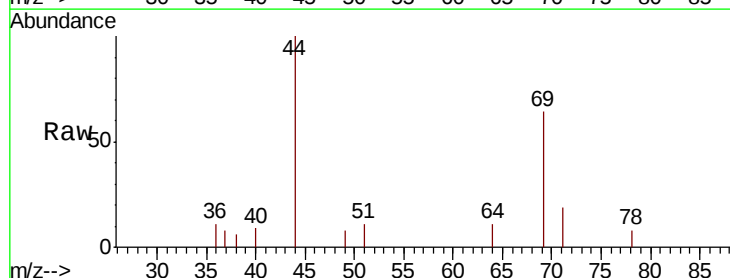
Acq: 01 Oct 2020 16:54

Tgt Ion: 64 Resp: 225

Ion Ratio Lower Upper

64 100

66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

200

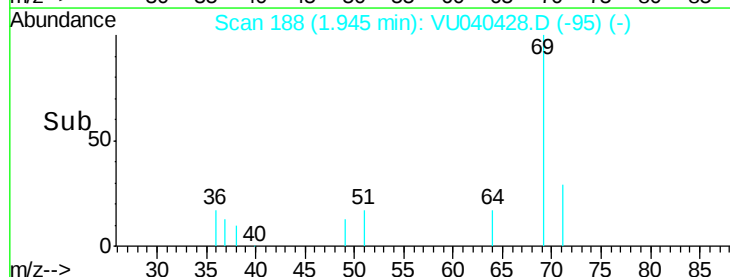
150

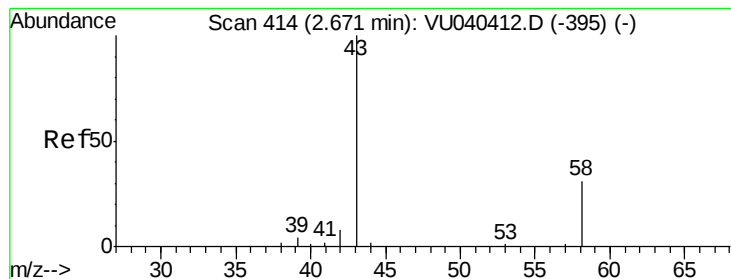
100

50

0

Time-->





#13

Acetone

Concen: 6.926 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU040428.D

Acq: 01 Oct 2020 16:54

Instrument :

MSVOA_U

ClientSampleId :

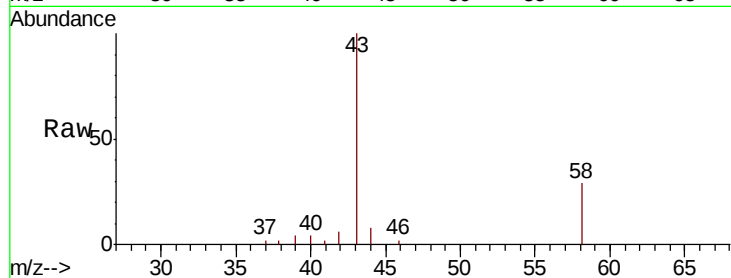
BFZQ7

Tot Ion: 43 Resp: 17686

Ion Ratio Lower Upper

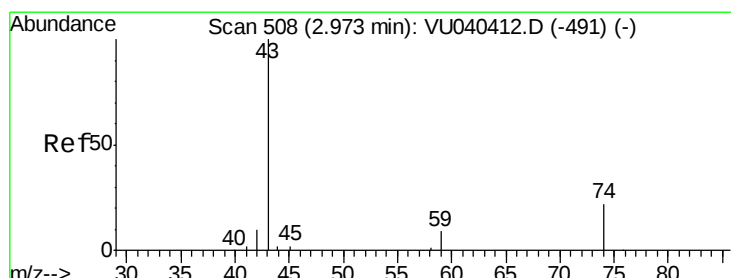
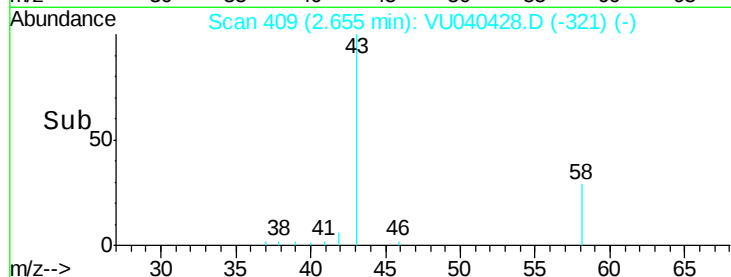
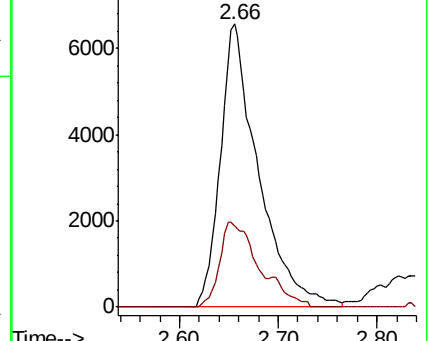
43 100

58 26.9 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040428.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU040428.D (-321) (-)



#15

Methyl Acetate

Concen: 0.255 ug/L

RT: 2.97 min Scan# 508

Delta R.T. 0.00 min

Lab File: VU040428.D

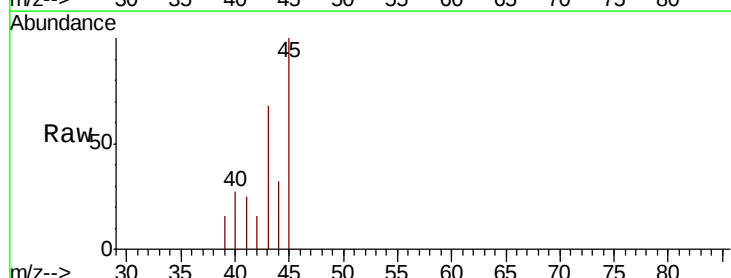
Acq: 01 Oct 2020 16:54

Tgt Ion: 43 Resp: 1569

Ion Ratio Lower Upper

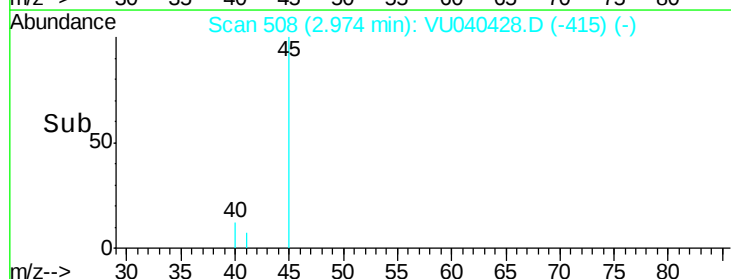
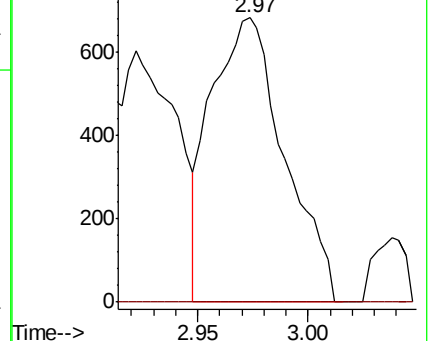
43 100

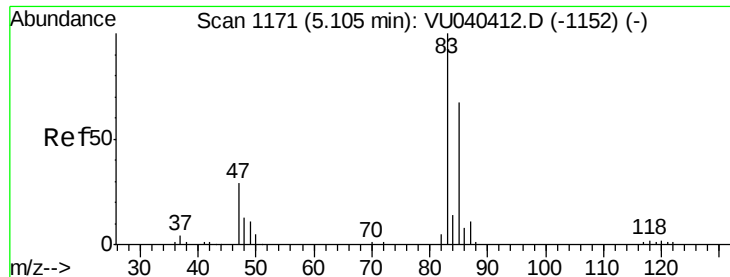
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU040428.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VU040428.D (-415) (-)

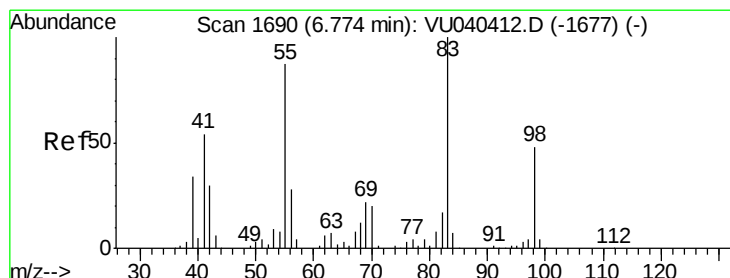
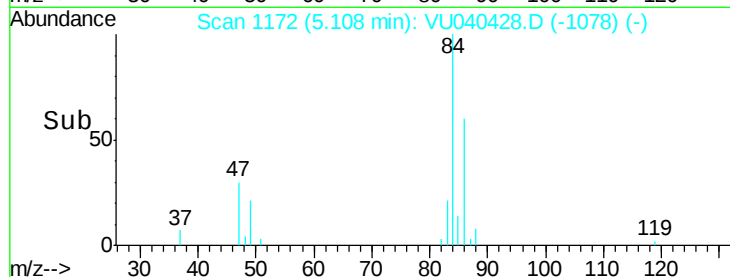
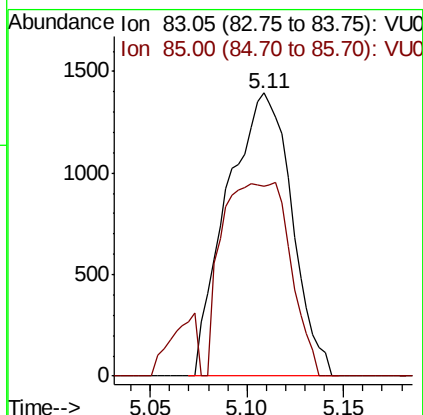
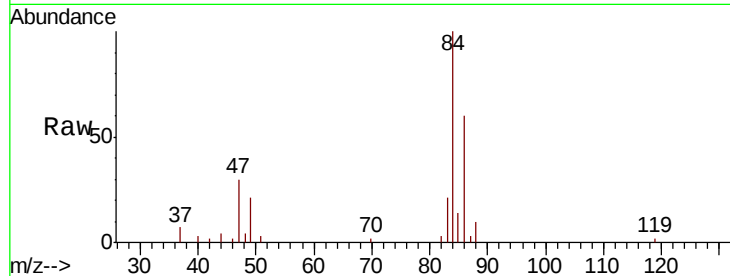




#25
Chloroform
Concen: 0.158 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040428.D
Acq: 01 Oct 2020 16:54

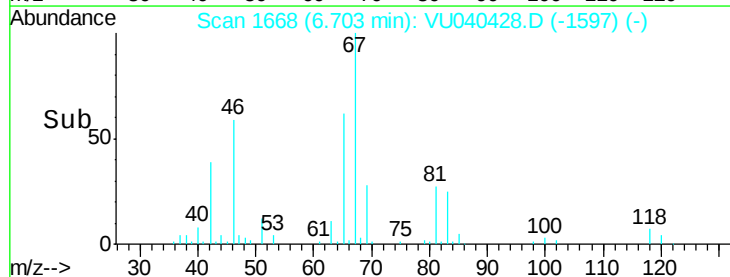
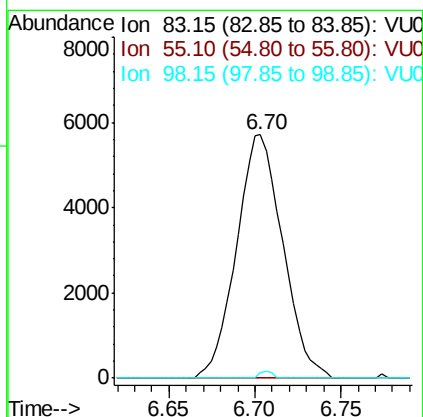
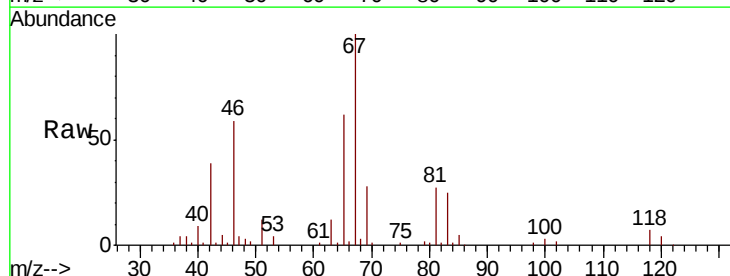
Instrument :
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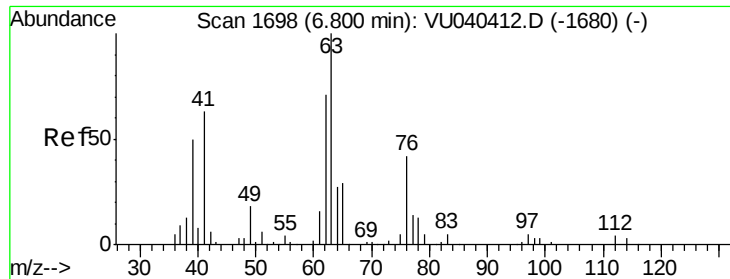
Tot Ion: 83 Resp: 3240
Ion Ratio Lower Upper
83 100
85 67.0 44.6 82.8



#35
Methylcyclohexane
Concen: 0.630 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040428.D
Acq: 01 Oct 2020 16:54

Tgt Ion: 83 Resp: 10656
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.7 38.5 57.7#

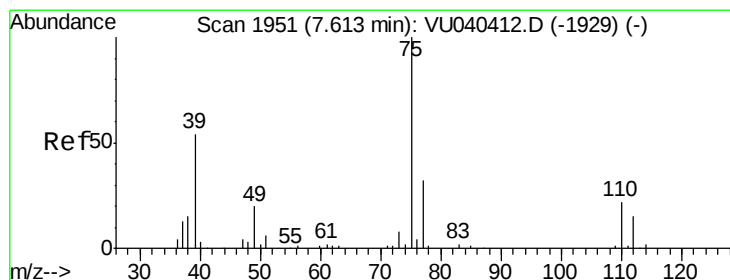
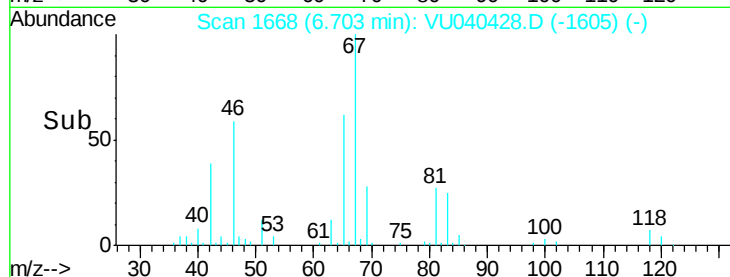
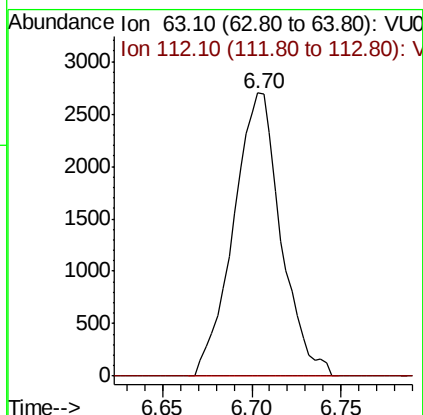
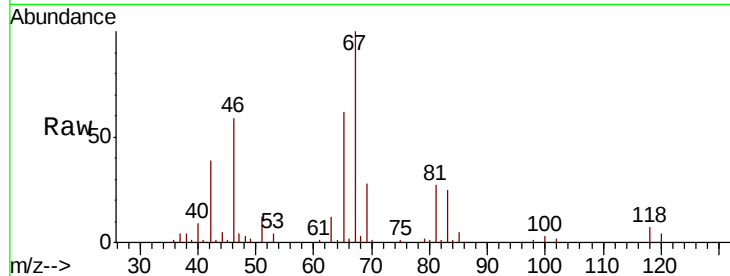




#37
 1,2-Dichloropropane
 Concen: 0.414 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040428.D
 Acq: 01 Oct 2020 16:54

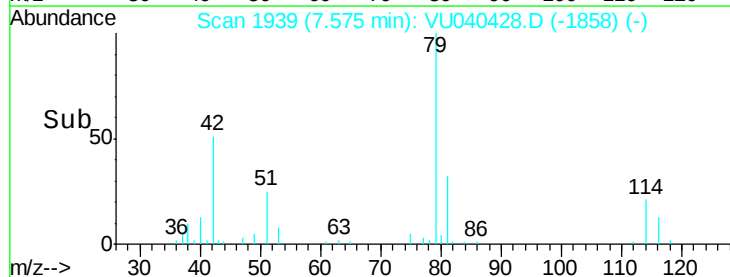
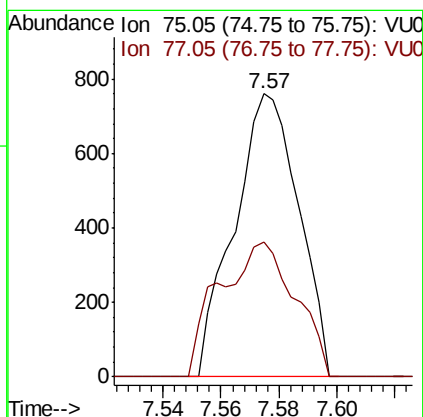
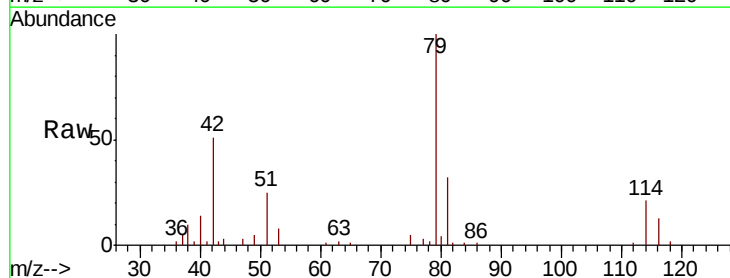
Instrument :
 MSVOA_U
 ClientSampleId :
 BFZQ7

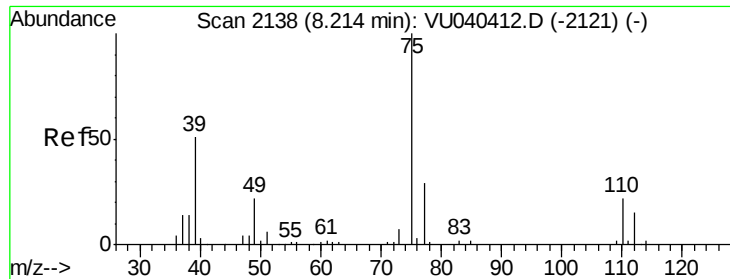
Tot Ion: 63 Resp: 5004
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040428.D
 Acq: 01 Oct 2020 16:54

Tgt Ion: 75 Resp: 1170
 Ion Ratio Lower Upper
 75 100
 77 47.8 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.049 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040428.D

Acq: 01 Oct 2020 16:54

Instrument :

MSVOA_U

ClientSampleId :

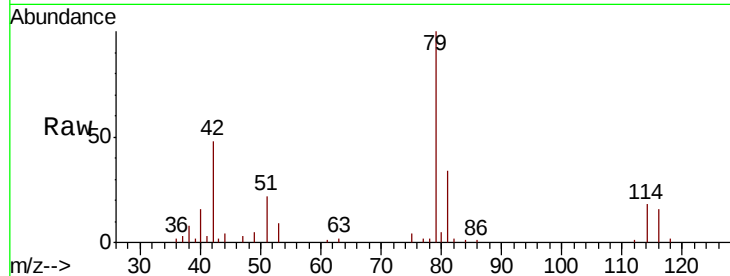
BFZQ7

Tot Ion: 75 Resp: 738

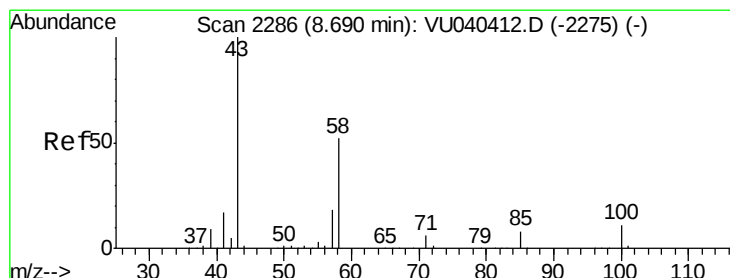
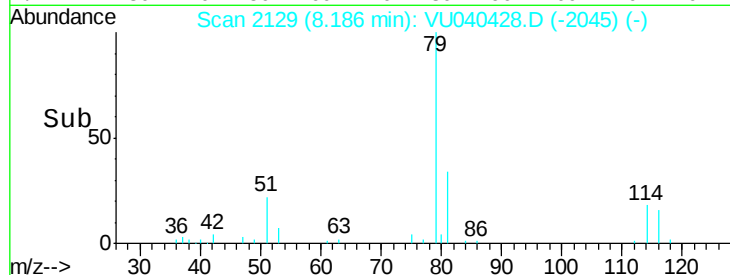
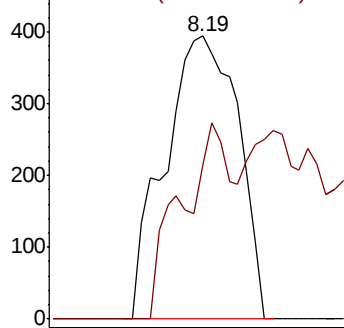
Ion Ratio Lower Upper

75 100

77 54.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040428.D (-2121) (-)



#48

2-Hexanone

Concen: 2.261 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040428.D

Acq: 01 Oct 2020 16:54

Tgt Ion: 43 Resp: 15774

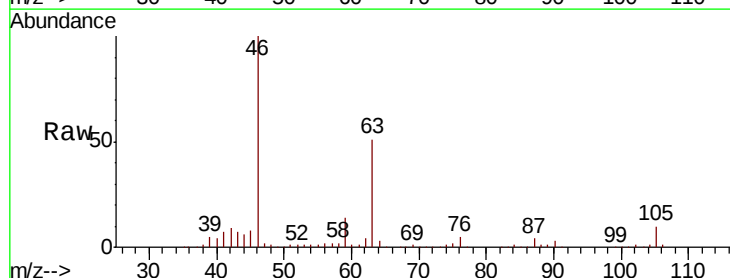
Ion Ratio Lower Upper

43 100

58 30.0 41.0 61.4#

57 30.2 14.6 22.0#

100 1.2 8.2 12.4#

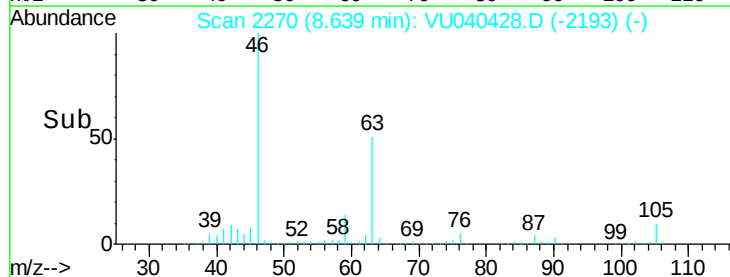
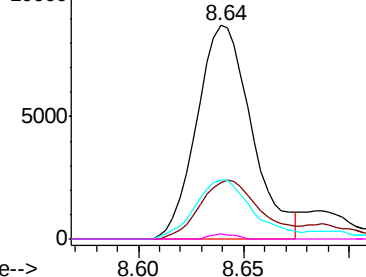


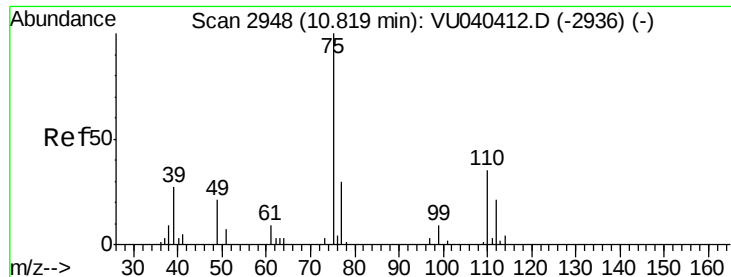
Abundance Ion 43.05 (42.75 to 43.75): VU040412.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040412.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040412.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040412.D (-2275) (-)





#59

1,2,3-Trichloropropane

Concen: 0.915 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040428.D

Acq: 01 Oct 2020 16:54

Instrument :

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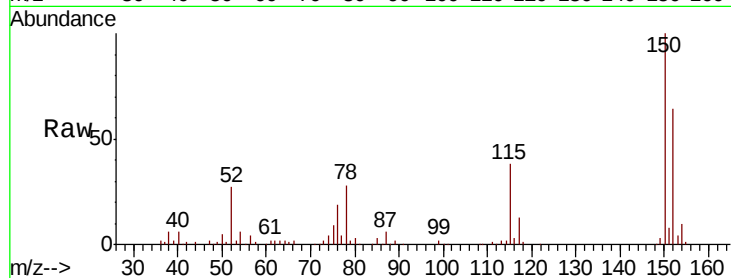
BFZQ7

Tot Ion: 75 Resp: 8015

Ion Ratio Lower Upper

75 100

77 41.0 25.7 38.5#



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

