

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040093.D
 Acq On : 10 Sep 2020 19:58
 Operator : SY/MD
 Sample : L3961-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y36

Quant Time: Sep 11 01:58:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100831	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30224	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.92	69	24610	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.58	63	48910	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.65	46	100121	45.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.94%
24) Chloroform-d	5.08	84	59554	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	35570	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.75	84	108456	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	35179	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.91	98	87862	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	13017	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.64	63	72816	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31843	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34891	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

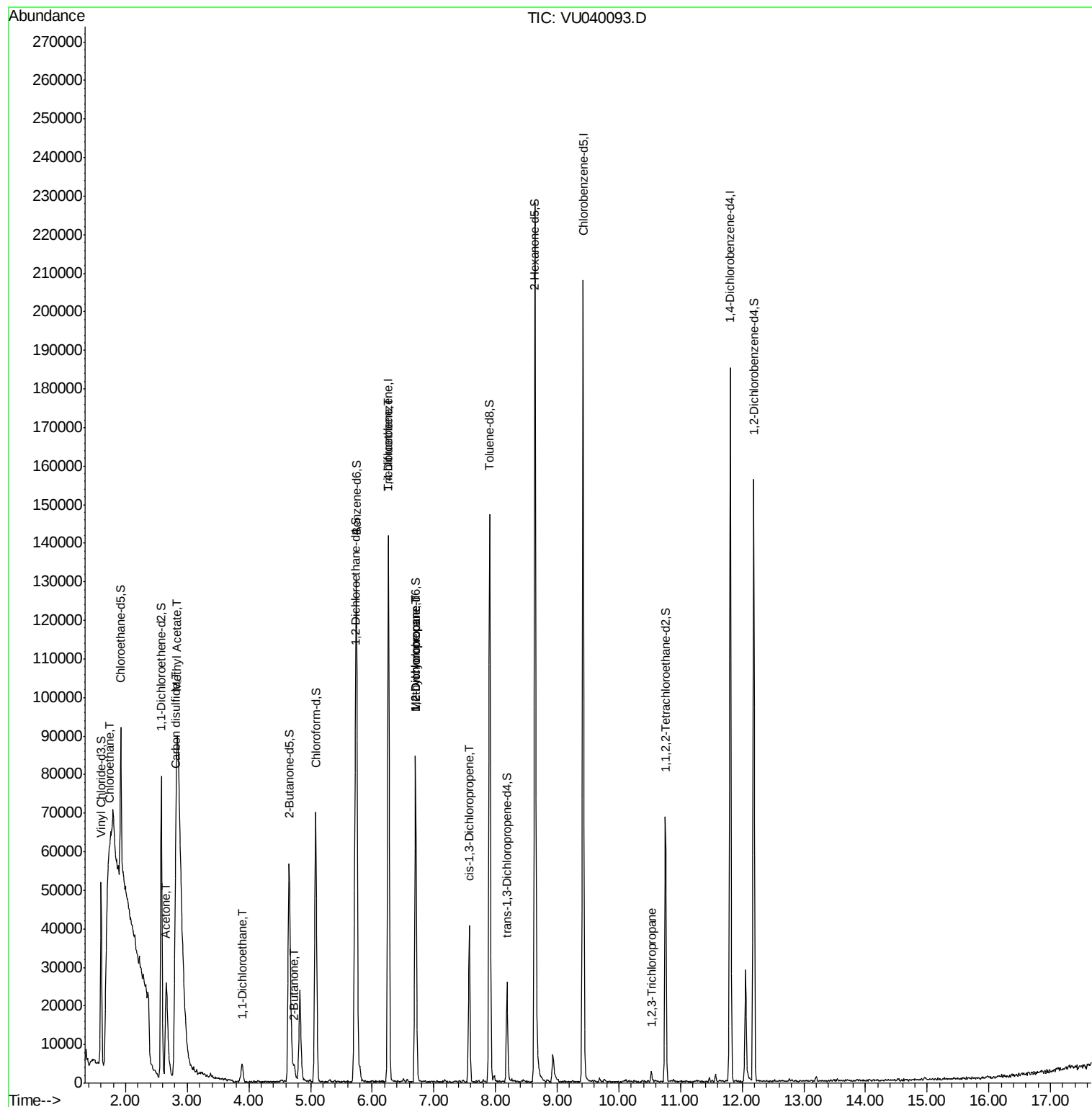
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.73	64	102710	17.596	ug/L #	50
13) Acetone	2.66	43	49622	24.343	ug/L	97
14) Carbon disulfide	2.81	76	2841	0.114	ug/L #	93
15) Methyl Acetate	2.84	43	67898	13.271	ug/L #	54
19) 1,1-Dichloroethane	3.89	63	4787	0.277	ug/L	95
21) 2-Butanone	4.74	43	4311	1.295	ug/L	84
34) Trichloroethene	6.27	95	1847	0.191	ug/L #	9
35) Methylcyclohexane	6.70	83	8402	0.566	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4199	0.429	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1055	0.073	ug/L #	53
59) 1,2,3-Trichloropropane	10.52	75	1717	0.237	ug/L #	44

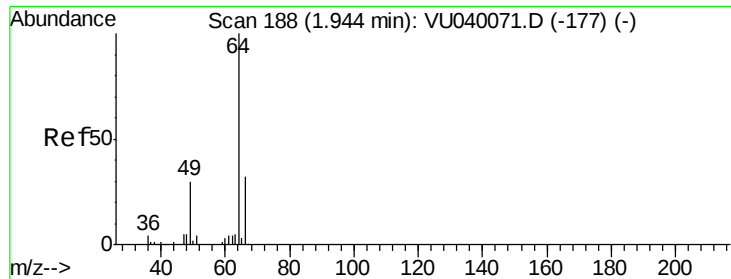
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 17.596 ug/L

RT: 1.73 min Scan# 121

Delta R.T. -0.22 min

Lab File: VU040093.D

Acq: 10 Sep 2020 19:58

Instrument :

MSVOA_U

ClientSampleId :

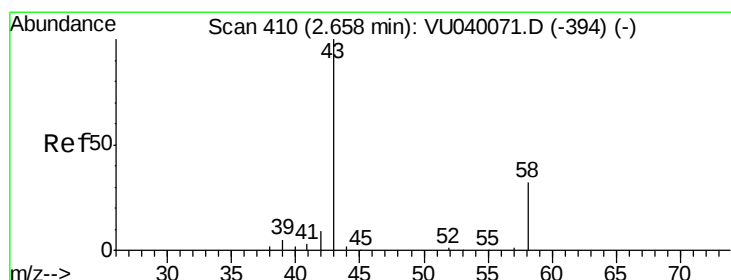
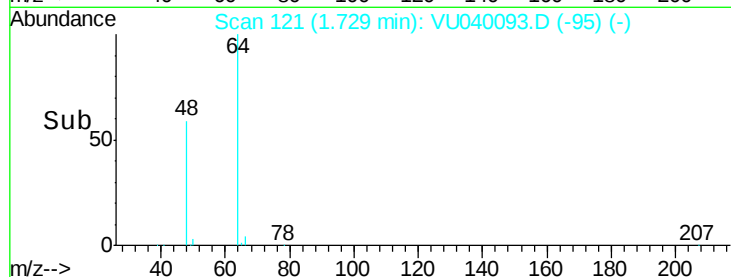
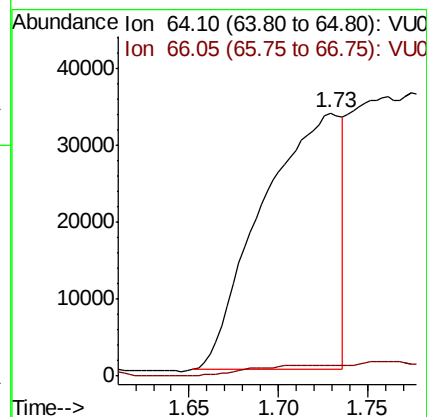
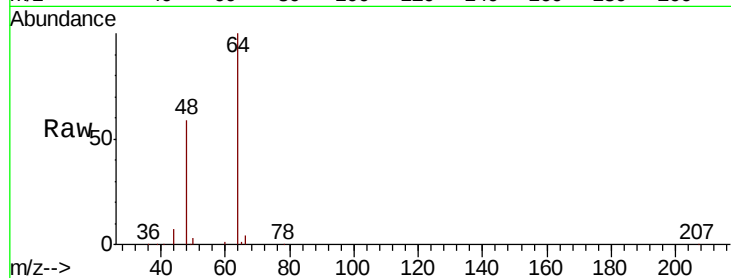
F4Y36

Tot Ion: 64 Resp: 102710

Ion Ratio Lower Upper

64 100

66 4.2 22.7 42.1#



#13

Acetone

Concen: 24.343 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU040093.D

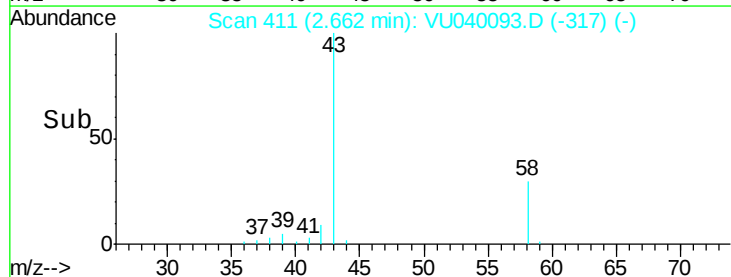
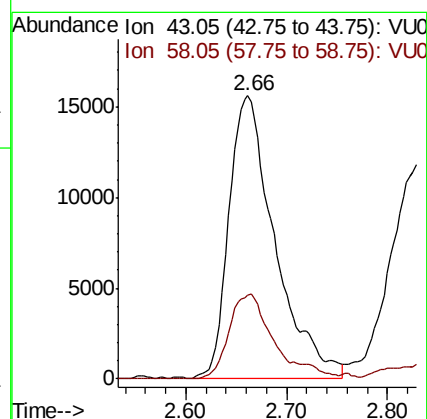
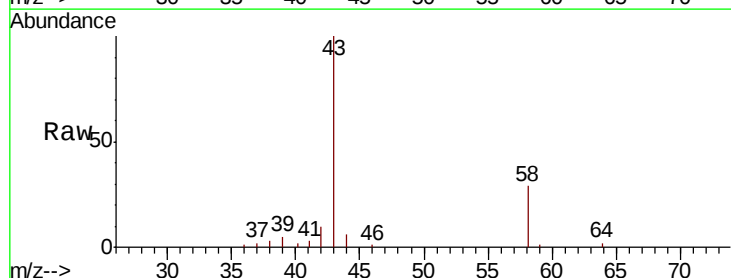
Acq: 10 Sep 2020 19:58

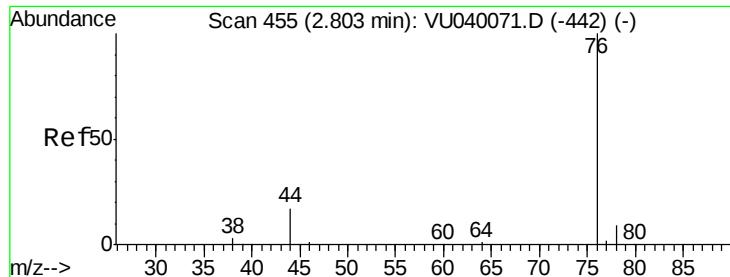
Tgt Ion: 43 Resp: 49622

Ion Ratio Lower Upper

43 100

58 29.3 0.0 55.4





#14

Carbon disulfide

Concen: 0.114 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040093.D

Acq: 10 Sep 2020 19:58

Instrument :

MSVOA_U

ClientSampleId :

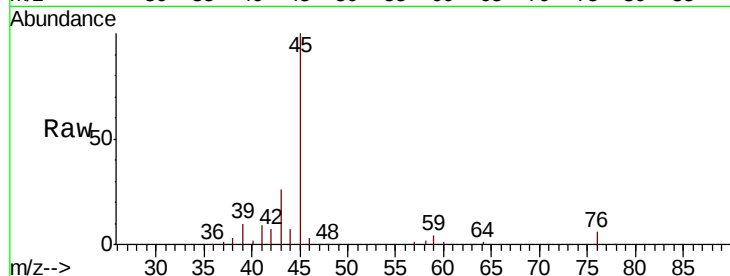
F4Y36

Tot Ion: 76 Resp: 2841

Ion Ratio Lower Upper

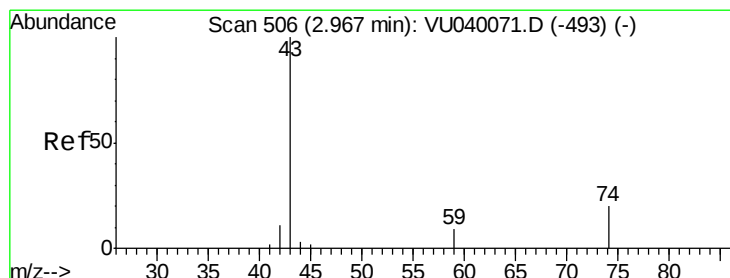
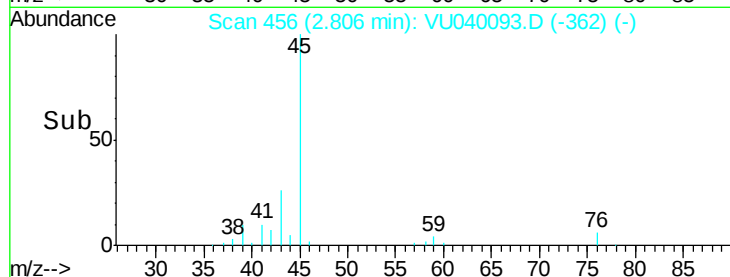
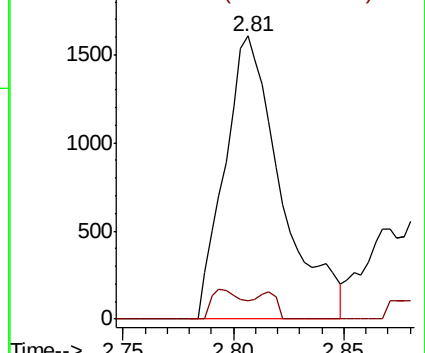
76 100

78 6.5 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#15

Methyl Acetate

Concen: 13.271 ug/L

RT: 2.84 min Scan# 467

Delta R.T. -0.13 min

Lab File: VU040093.D

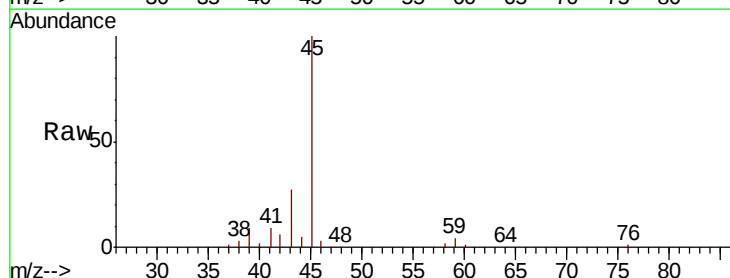
Acq: 10 Sep 2020 19:58

Tgt Ion: 43 Resp: 67898

Ion Ratio Lower Upper

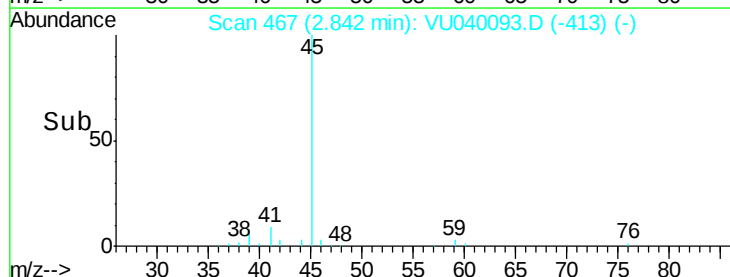
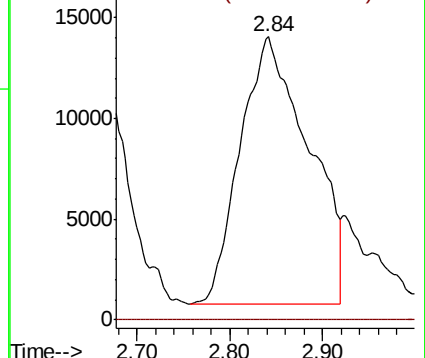
43 100

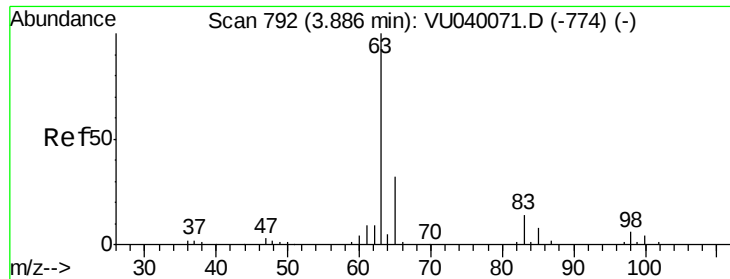
74 0.0 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

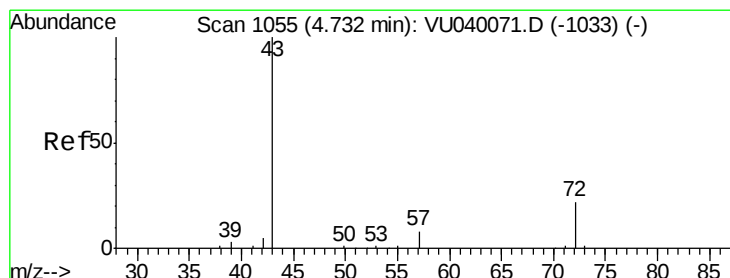
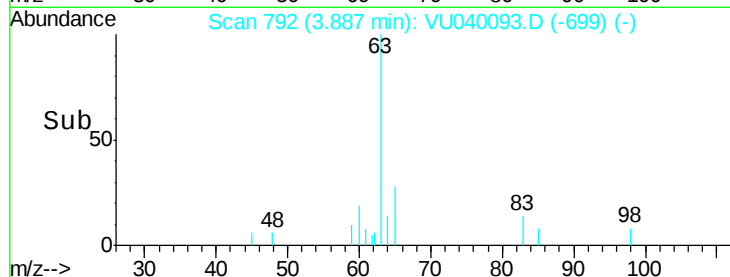
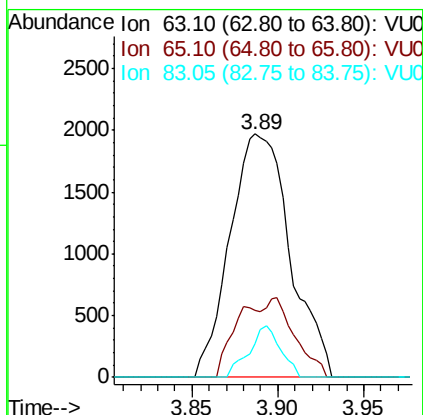
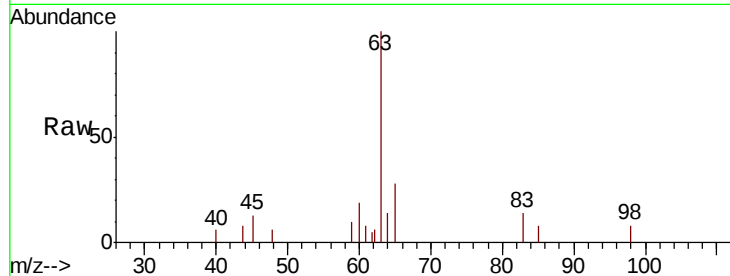




#19
 1,1-Dichloroethane
 Concen: 0.277 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VU040093.D
 Acq: 10 Sep 2020 19:58

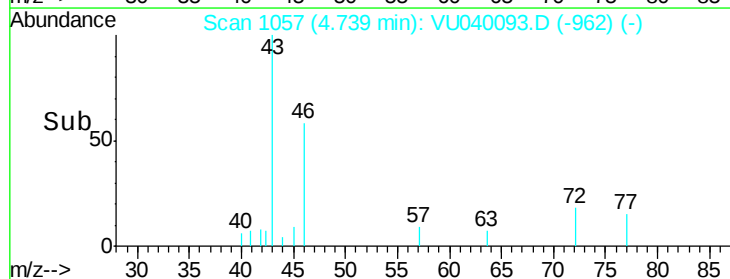
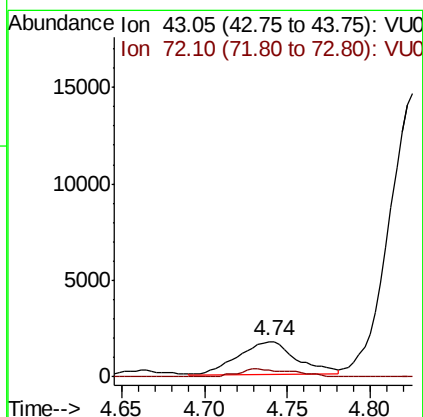
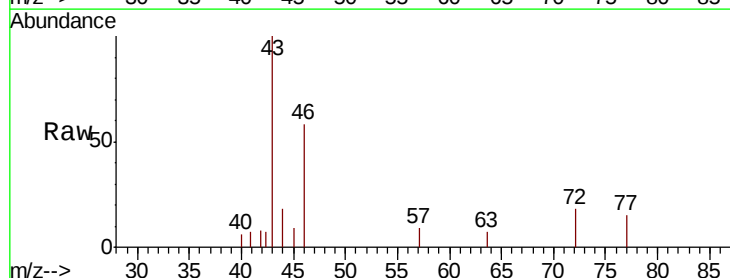
Instrument :
 MSVOA_U
 ClientSampled :
 F4Y36

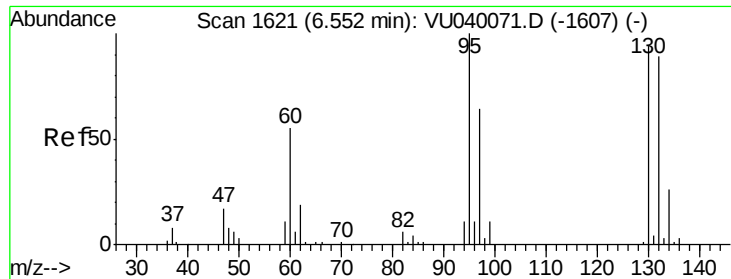
Tot Ion: 63 Resp: 4787
 Ion Ratio Lower Upper
 63 100
 65 27.7 22.2 41.2
 83 13.9 9.4 17.6



#21
 2-Butanone
 Concen: 1.295 ug/L
 RT: 4.74 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VU040093.D
 Acq: 10 Sep 2020 19:58

Tgt Ion: 43 Resp: 4311
 Ion Ratio Lower Upper
 43 100
 72 15.5 11.7 35.0

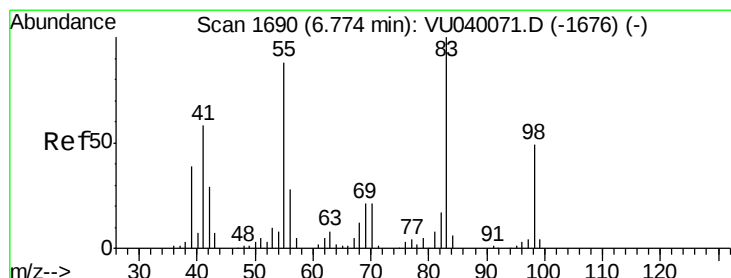
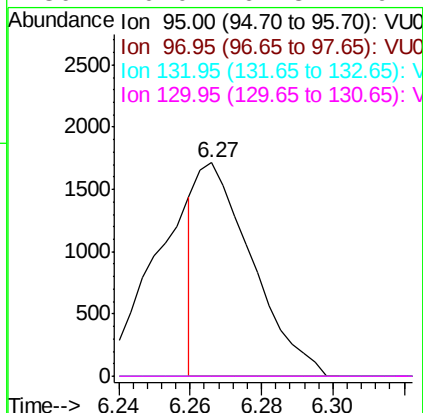
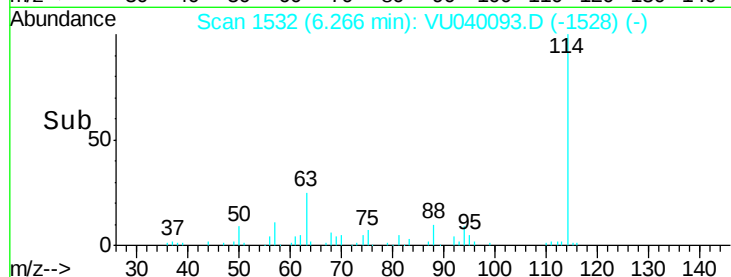
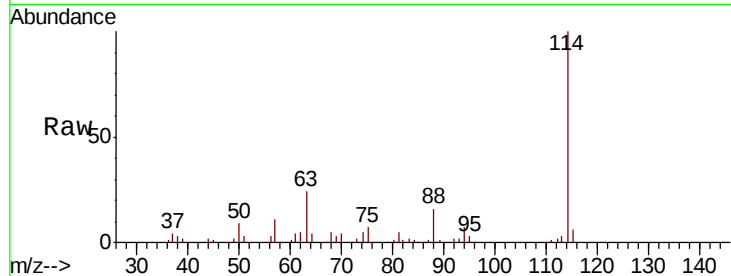




#34
 Trichloroethene
 Concen: 0.191 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040093.D
 Acq: 10 Sep 2020 19:58

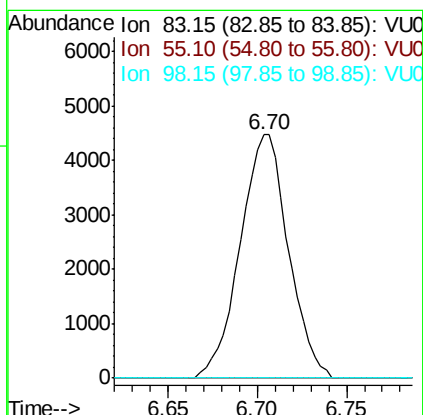
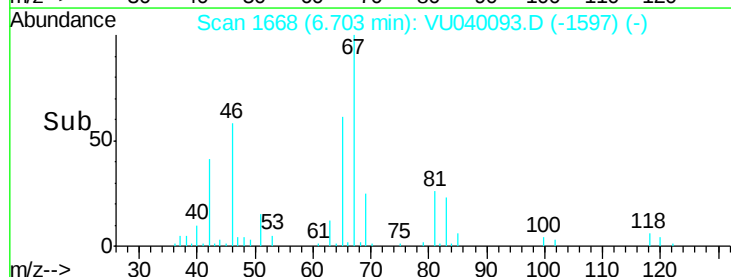
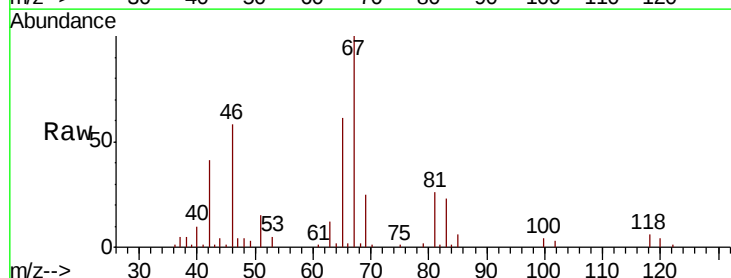
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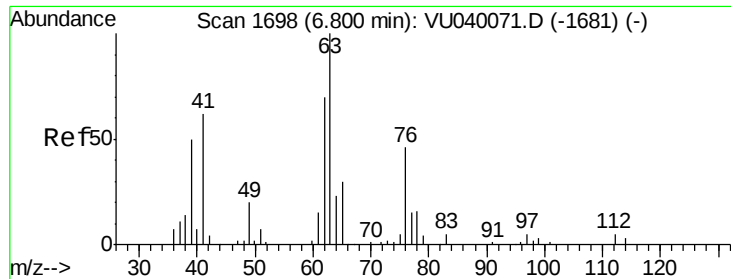
Tot Ion: 95 Resp: 1847
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.566 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040093.D
 Acq: 10 Sep 2020 19:58

Tgt Ion: 83 Resp: 8402
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.0 37.8 56.6#

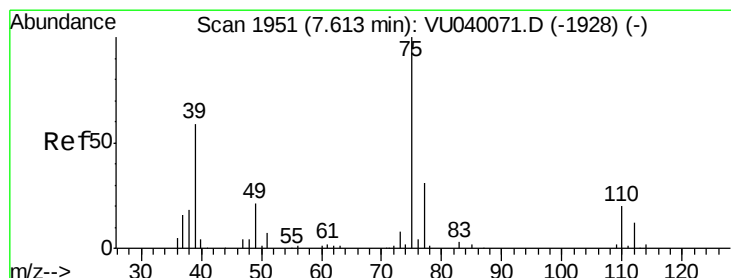
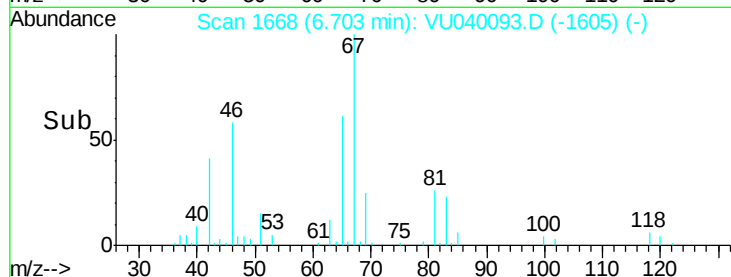
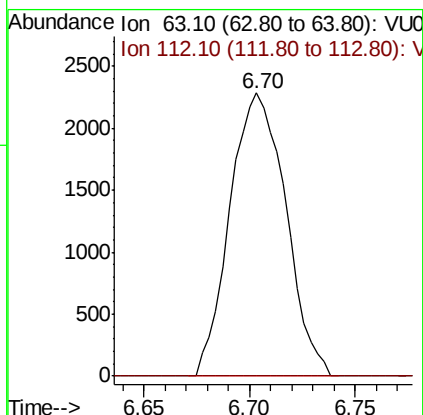
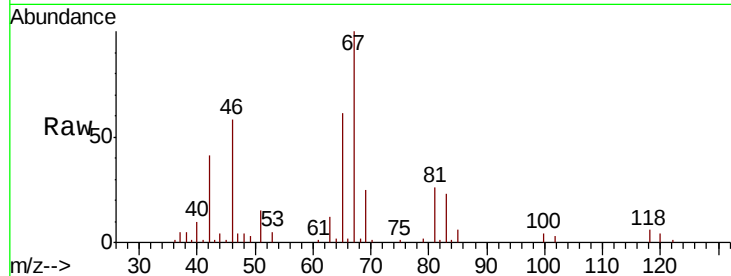




#37
 1,2-Dichloropropane
 Concen: 0.429 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040093.D
 Acq: 10 Sep 2020 19:58

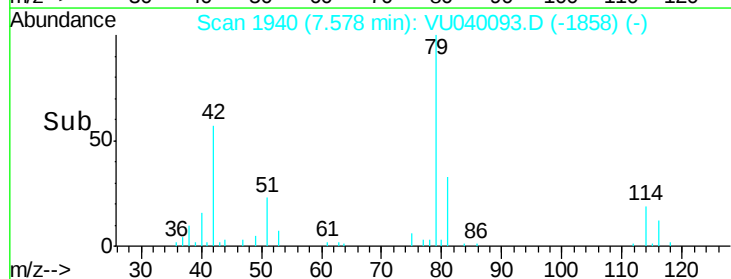
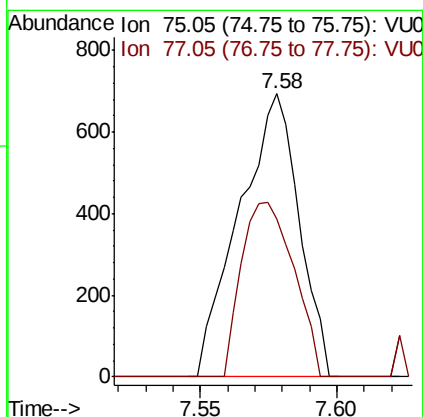
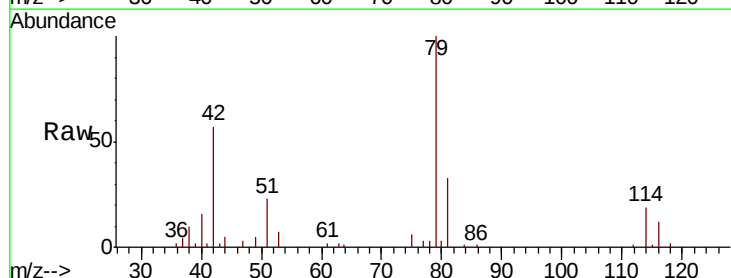
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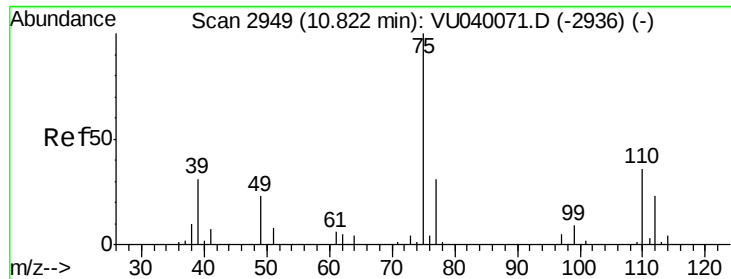
Tot Ion: 63 Resp: 4199
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040093.D
 Acq: 10 Sep 2020 19:58

Tgt Ion: 75 Resp: 1055
 Ion Ratio Lower Upper
 75 100
 77 55.7 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 0.237 ug/L

RT: 10.52 min Scan# 2855

Delta R.T. -0.30 min

Lab File: VU040093.D

Acq: 10 Sep 2020 19:58

Instrument :

MSVOA_U

ClientSampleId :

F4Y36

Tot Ion: 75 Resp: 1717

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#

