

Data File : VU027793.D
Acq On : 24 Oct 2018 18:36
Operator : MD/SY
Sample : J5599-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A01

Quant Time: Oct 25 07:24:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	39008	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37679	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13720	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.68	69	10706	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.28	63	20246	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.20	46	48375	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	4.65	84	25312	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.31	65	16327	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.34	84	48454	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	17416	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.57	98	43834	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	6924	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.31	63	40748	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13323	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	17391	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	1204	0.283 ug/L #	41
8) Chloroethane	1.77	64	1875	0.848 ug/L #	54
13) Acetone	2.31	43	8248	11.834 ug/L	61
14) Carbon disulfide	2.48	76	836	0.096 ug/L #	51
15) Methyl Acetate	2.71	43	19897	10.203 ug/L #	57
21) 2-Butanone	4.22	43	8528	7.457 ug/L #	55
25) Chloroform	4.68	83	753	0.124 ug/L	95
30) Cyclohexane	5.08	56	34192	5.633 ug/L #	24
35) Methylcyclohexane	6.39	83	3148	0.581 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	1832	0.498 ug/L #	96
38) Bromodichloromethane	6.74	83	571	0.130 ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	456	0.087 ug/L #	66
45) 1,1,2-Trichloroethane	8.04	97	1359	0.612 ug/L #	14
51) Chlorobenzene	9.38	112	446	0.054 ug/L #	10
59) 1,2,3-Trichloropropane	11.10	75	474	0.205 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	12.65	75	1055	2.118 ug/L #	13
69) Naphthalene	13.73	128	2182	0.290 ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

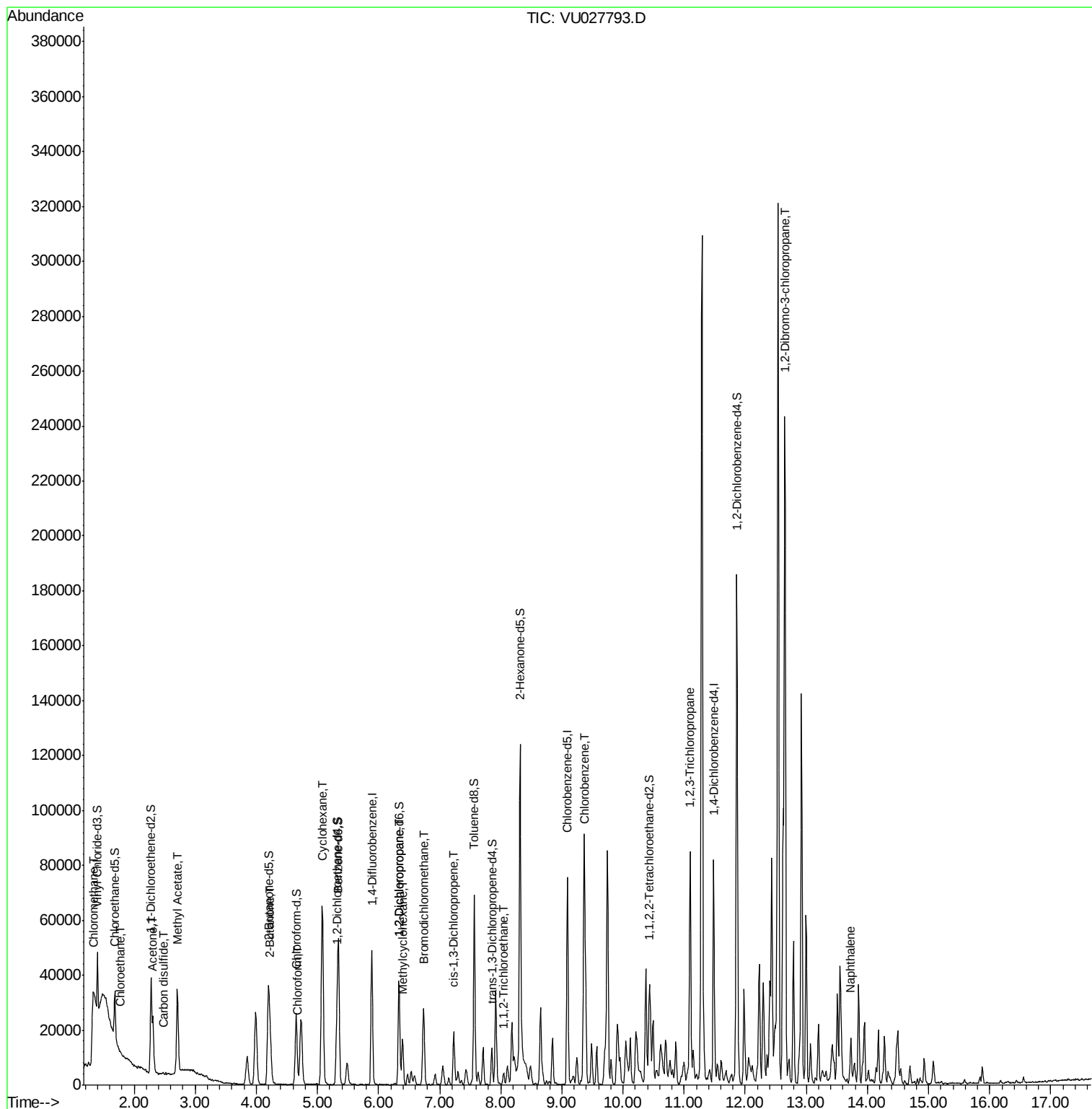
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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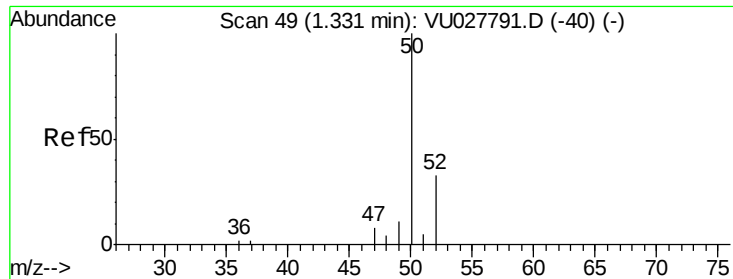
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.283 ug/L

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027793.D

Acq: 24 Oct 2018 18:36

Instrument :

MSVOA_U

ClientSampleId :

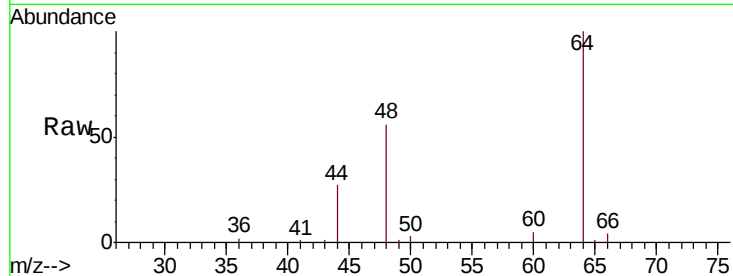
H1A01

Tgt Ion: 50 Resp: 1204

Ion Ratio Lower Upper

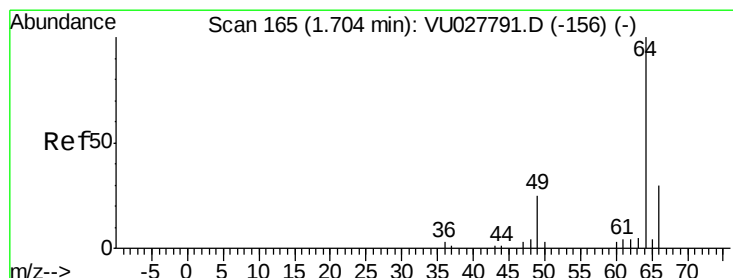
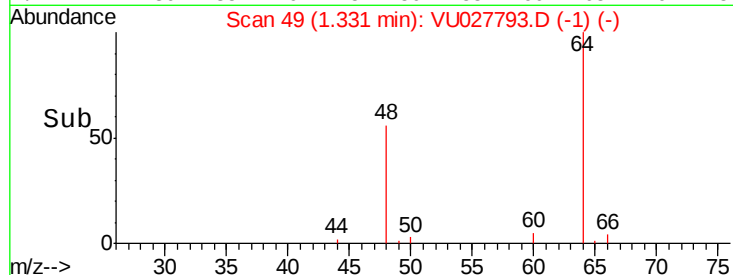
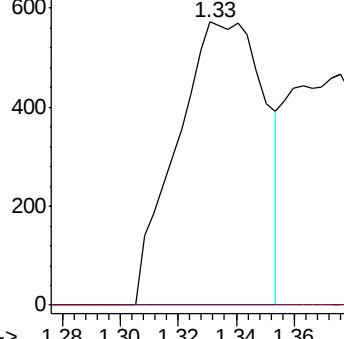
50 100

52 0.0 23.7 43.9#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.848 ug/L

RT: 1.77 min Scan# 187

Delta R.T. 0.07 min

Lab File: VU027793.D

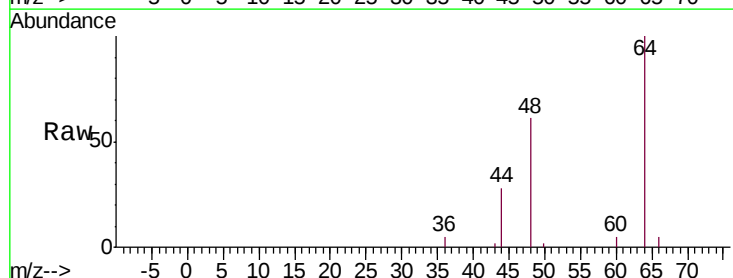
Acq: 24 Oct 2018 18:36

Tgt Ion: 64 Resp: 1875

Ion Ratio Lower Upper

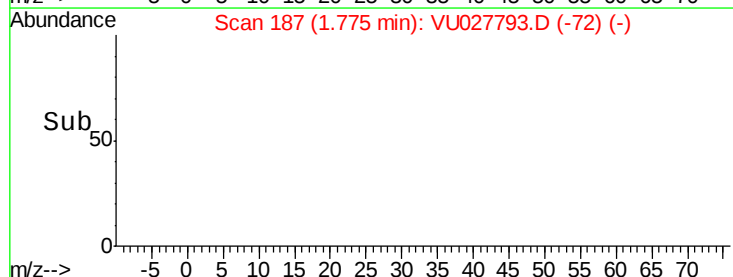
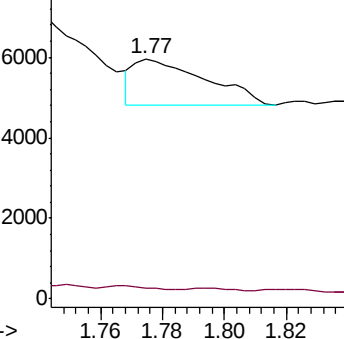
64 100

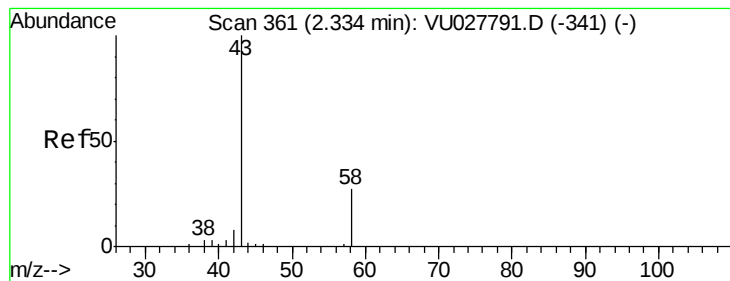
66 4.7 20.3 37.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 11.834 ug/L

RT: 2.31 min Scan# 353

Delta R.T. -0.03 min

Lab File: VU027793.D

Acq: 24 Oct 2018 18:36

Instrument :

MSVOA_U

ClientSampleId :

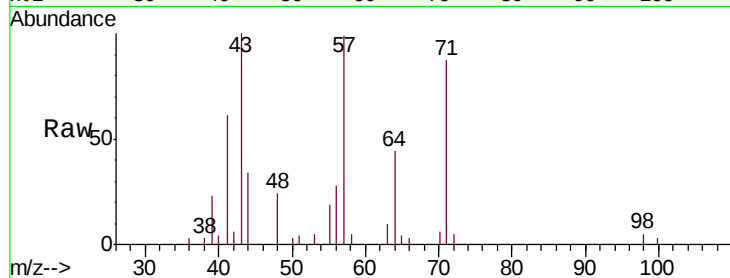
H1A01

Tgt Ion: 43 Resp: 8248

Ion Ratio Lower Upper

43 100

58 6.3 0.0 52.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

5000

4000

3000

2000

1000

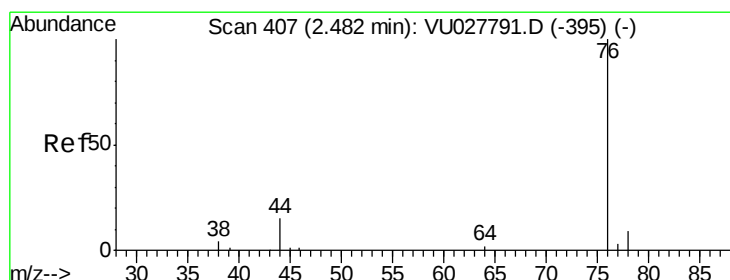
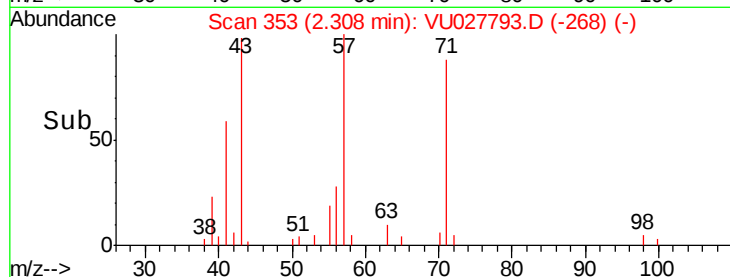
0

Time-->

2.25

2.30

2.35



#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU027793.D

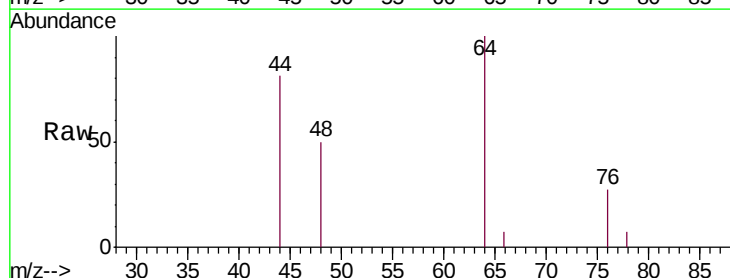
Acq: 24 Oct 2018 18:36

Tgt Ion: 76 Resp: 836

Ion Ratio Lower Upper

76 100

78 27.1 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

500

400

300

200

100

0

Time-->

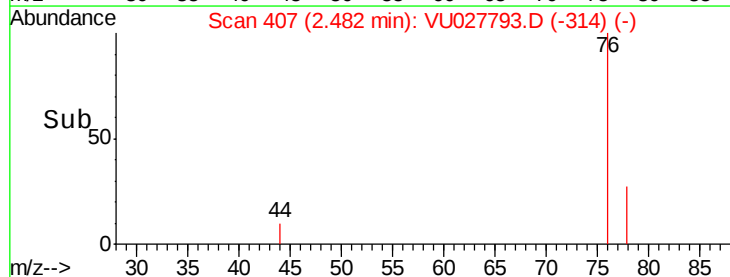
2.44

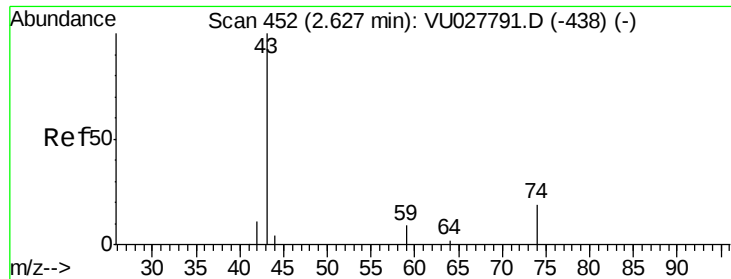
2.46

2.48

2.50

2.52

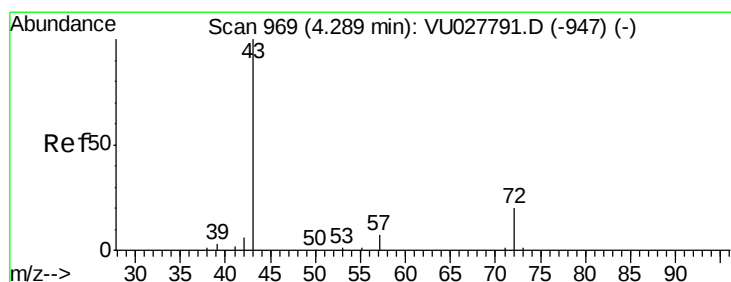
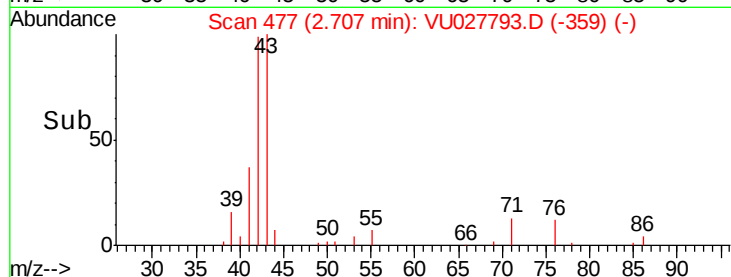
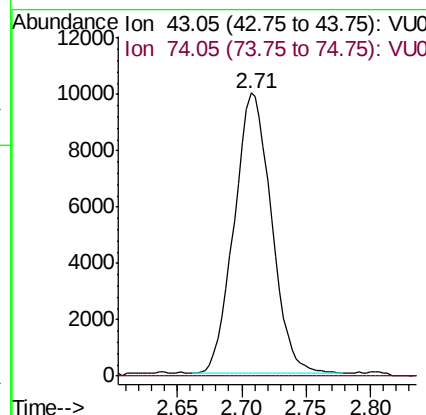
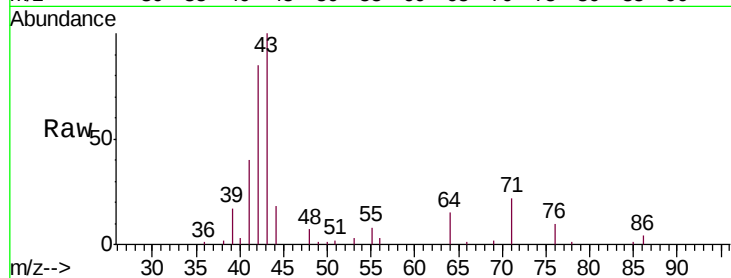




#15
Methyl Acetate
Concen: 10.203 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.08 min
Lab File: VU027793.D
Acq: 24 Oct 2018 18:36

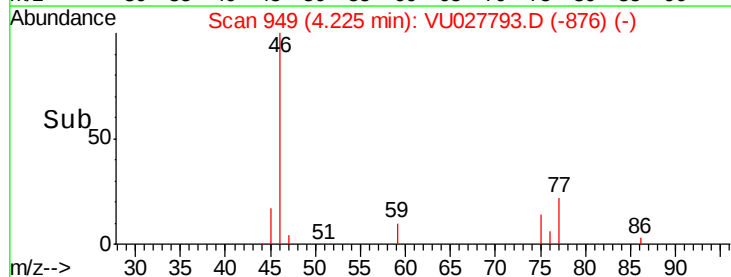
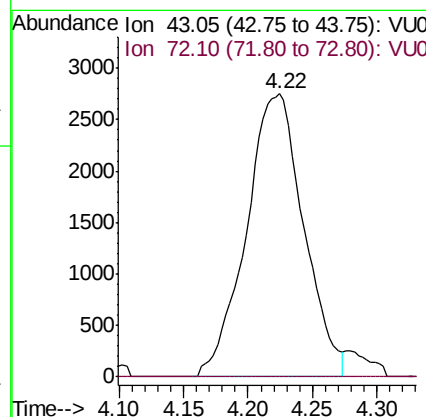
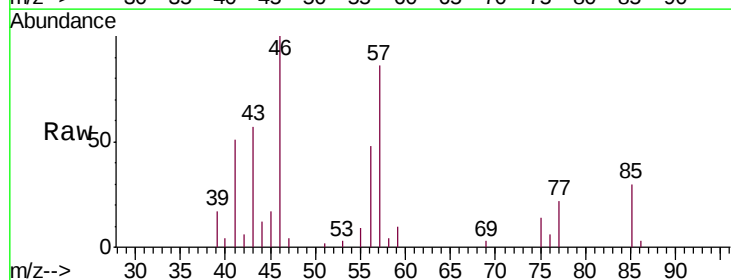
Instrument :
MSVOA_U
ClientSampleID :
H1A01

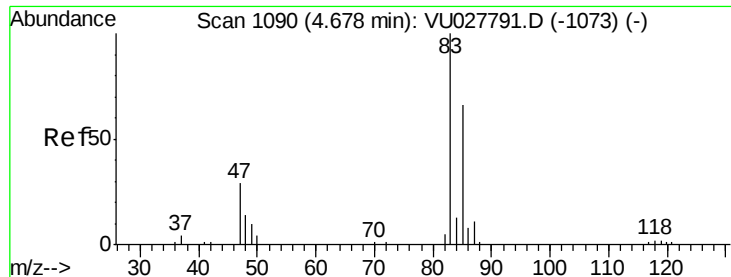
Tgt Ion: 43 Resp: 19897
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.8#



#21
2-Butanone
Concen: 7.457 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.06 min
Lab File: VU027793.D
Acq: 24 Oct 2018 18:36

Tgt Ion: 43 Resp: 8528
Ion Ratio Lower Upper
43 100
72 0.0 10.5 31.6#

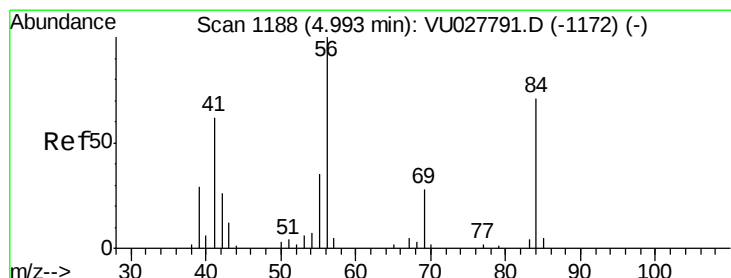
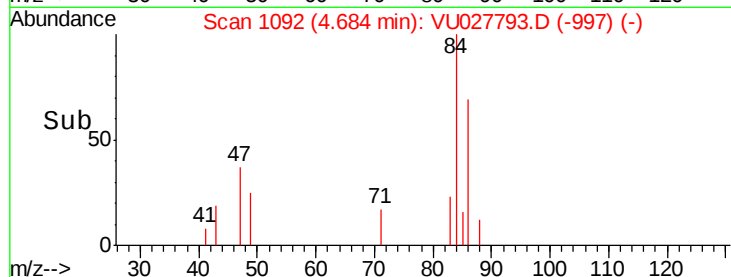
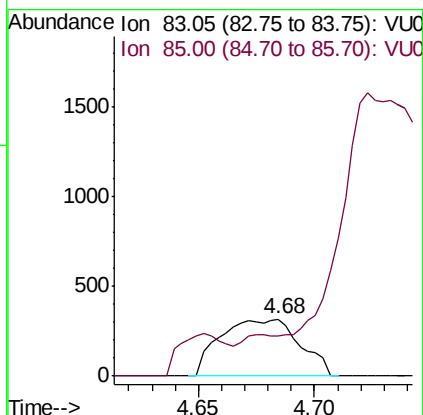
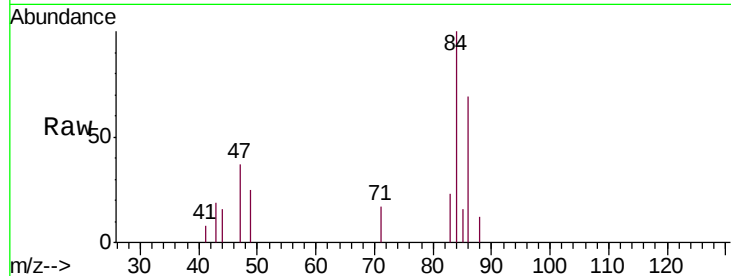




#25
Chloroform
Concen: 0.124 ug/L
RT: 4.68 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VU027793.D
Acq: 24 Oct 2018 18:36

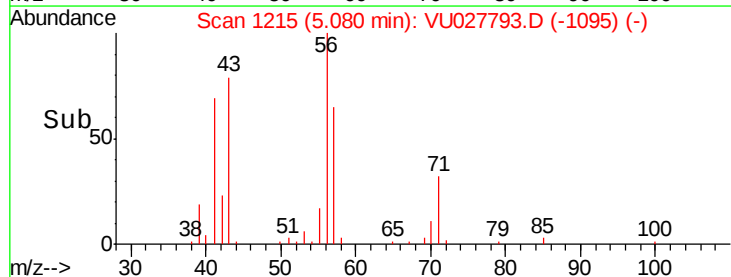
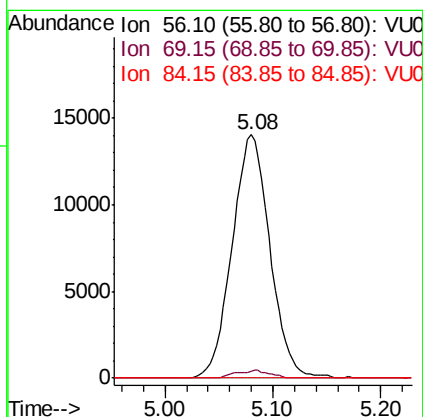
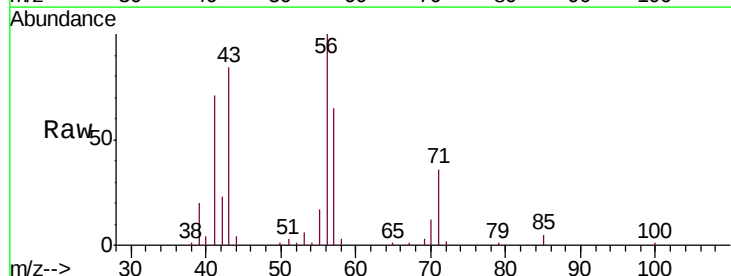
Instrument :
MSVOA_U
ClientSampleId :
H1A01

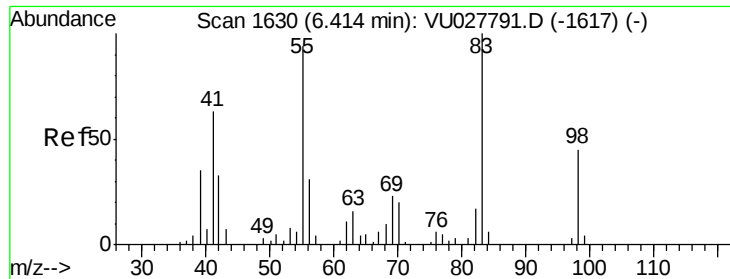
Tgt Ion: 83 Resp: 753
Ion Ratio Lower Upper
83 100
85 69.4 45.8 85.2



#30
Cyclohexane
Concen: 5.633 ug/L
RT: 5.08 min Scan# 1215
Delta R.T. 0.09 min
Lab File: VU027793.D
Acq: 24 Oct 2018 18:36

Tgt Ion: 56 Resp: 34192
Ion Ratio Lower Upper
56 100
69 2.8 22.2 33.4#
84 0.0 58.6 88.0#

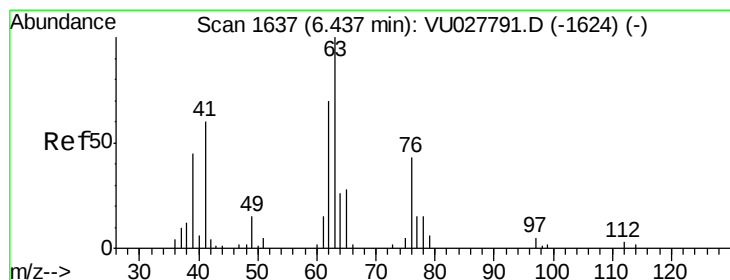
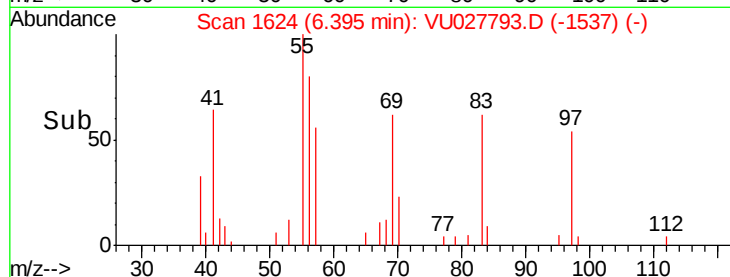
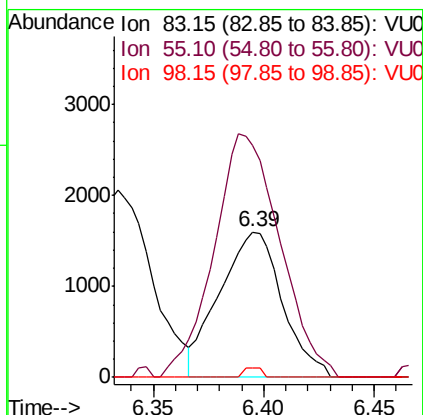
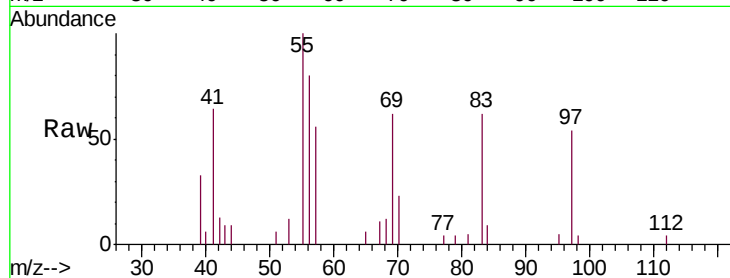




#35
Methylcyclohexane
Concen: 0.581 ug/L
RT: 6.39 min Scan# 1624
Delta R.T. -0.02 min
Lab File: VU027793.D
Acq: 24 Oct 2018 18:36

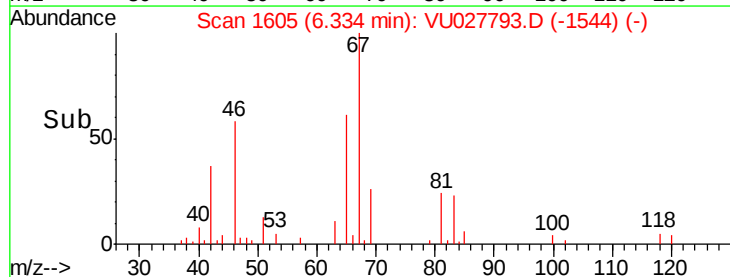
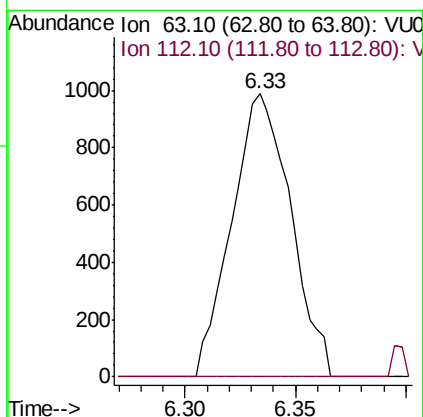
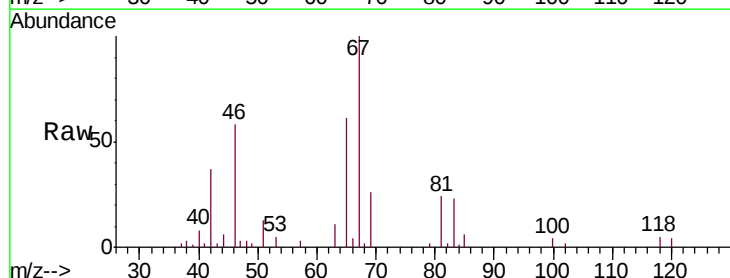
Instrument :
MSVOA_U
ClientSampleId :
H1A01

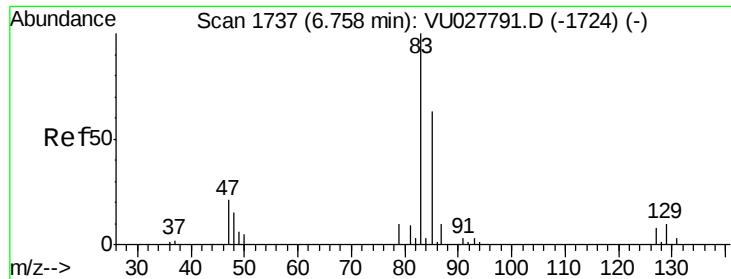
Tgt Ion: 83 Resp: 3148
Ion Ratio Lower Upper
83 100
55 176.5 71.5 107.3#
98 1.9 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027793.D
Acq: 24 Oct 2018 18:36

Tgt Ion: 63 Resp: 1832
Ion Ratio Lower Upper
63 100
112 2.2 2.7 4.1#

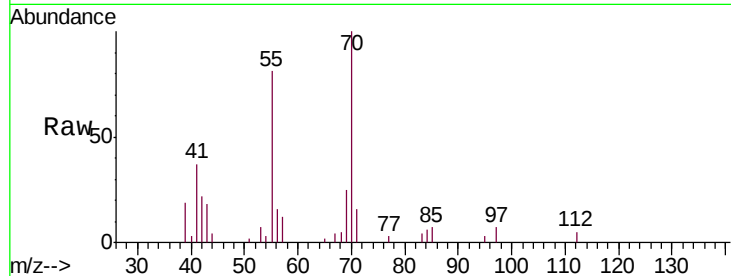




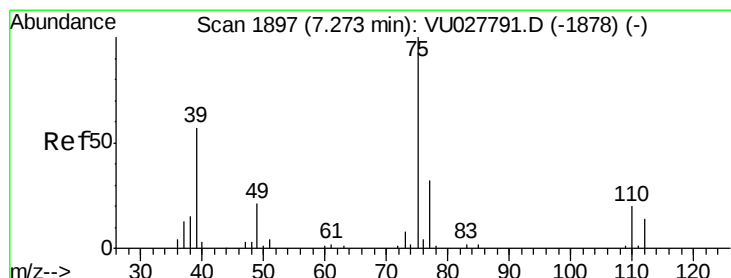
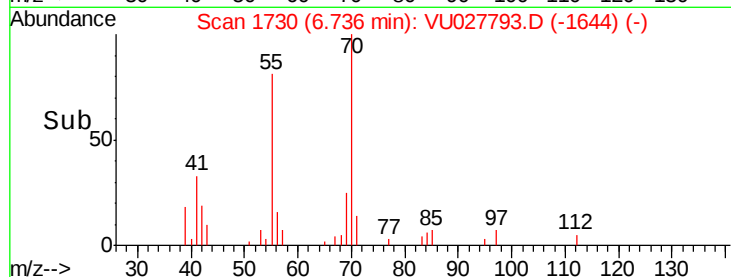
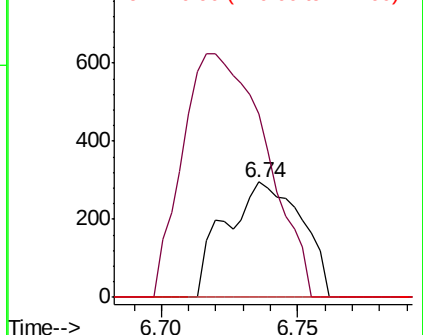
#38
 Bromodichloromethane
 Concen: 0.130 ug/L
 RT: 6.74 min Scan# 1730
 Delta R.T. -0.02 min
 Lab File: VU027793.D
 Acq: 24 Oct 2018 18:36

Instrument :
 MSVOA_U
 ClientSampleId :
 H1A01

Tgt Ion: 83 Resp: 571
 Ion Ratio Lower Upper
 83 100
 85 159.1 43.3 80.5#
 127 0.0 7.2 10.8#

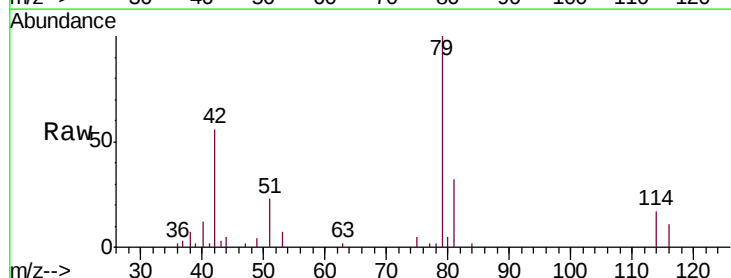


Abundance Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 126.90 (126.60 to 127.60): V

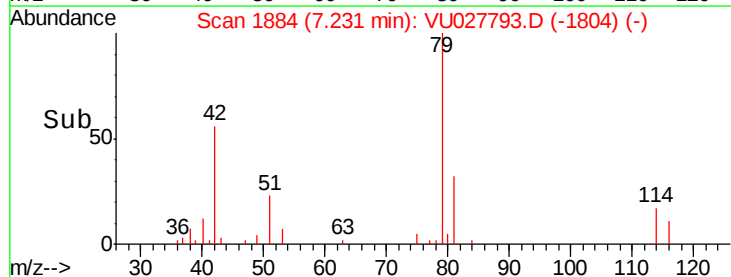
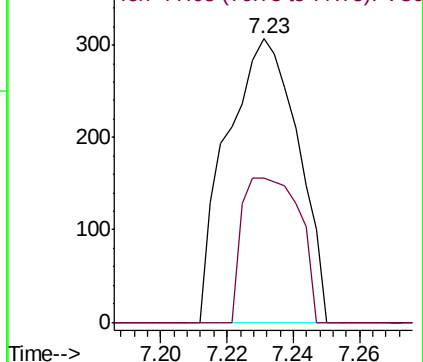


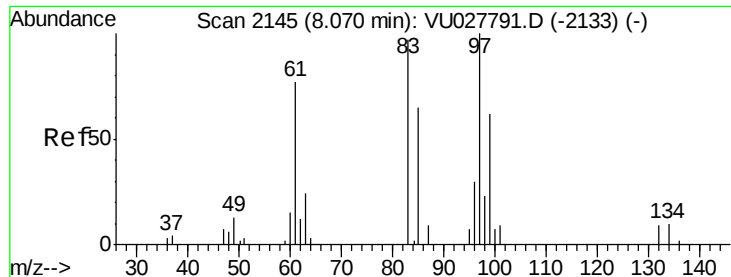
#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027793.D
 Acq: 24 Oct 2018 18:36

Tgt Ion: 75 Resp: 456
 Ion Ratio Lower Upper
 75 100
 77 50.8 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

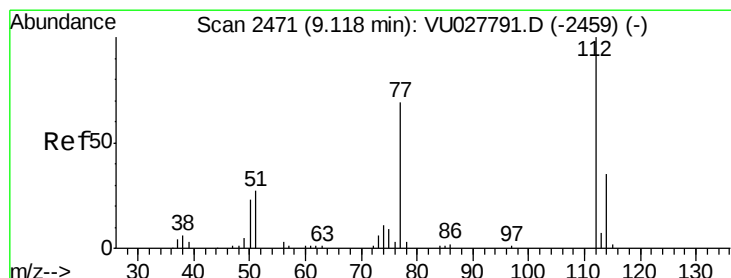
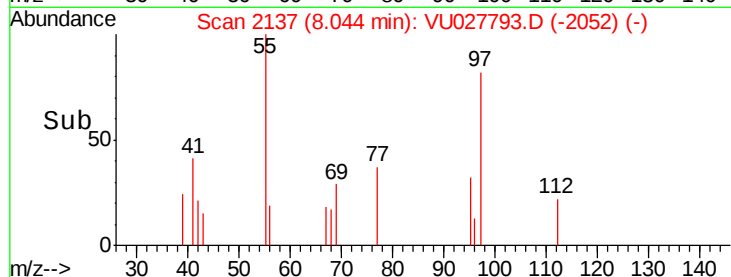
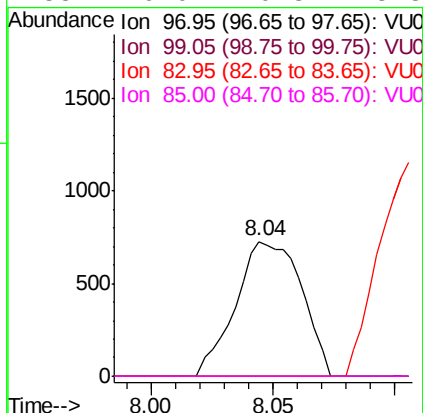
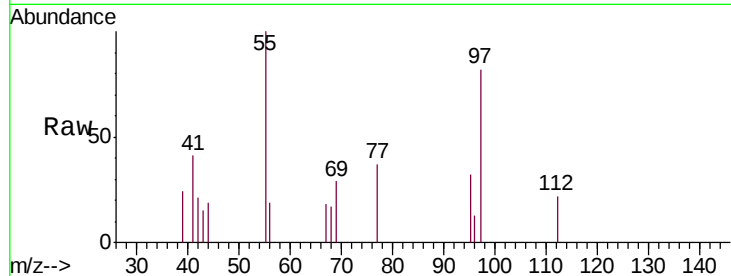




#45
 1,1,2-Trichloroethane
 Concen: 0.612 ug/L
 RT: 8.04 min Scan# 2137
 Delta R.T. -0.03 min
 Lab File: VU027793.D
 Acq: 24 Oct 2018 18:36

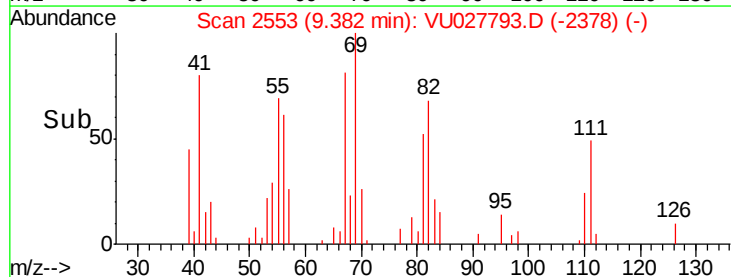
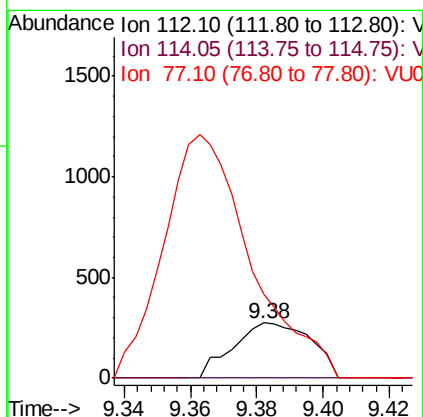
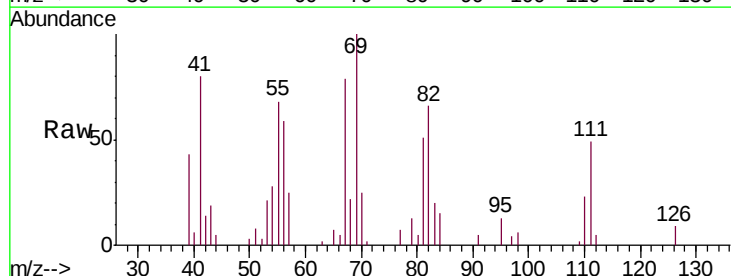
Instrument :
 MSVOA_U
 ClientSampleId :
 H1A01

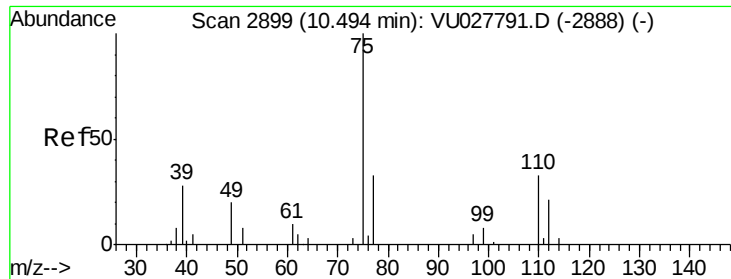
Tgt Ion: 97 Resp: 1359
 Ion Ratio Lower Upper
 97 100
 99 0.0 42.8 79.6#
 83 0.0 62.9 116.9#
 85 0.0 40.8 75.8#



#51
 Chlorobenzene
 Concen: 0.054 ug/L
 RT: 9.38 min Scan# 2553
 Delta R.T. 0.26 min
 Lab File: VU027793.D
 Acq: 24 Oct 2018 18:36

Tgt Ion: 112 Resp: 446
 Ion Ratio Lower Upper
 112 100
 114 0.0 21.2 39.4#
 77 152.6 54.2 81.4#

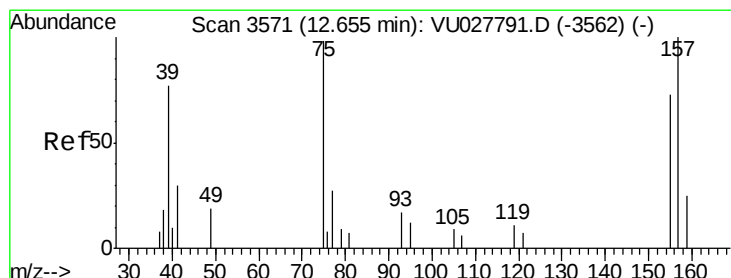
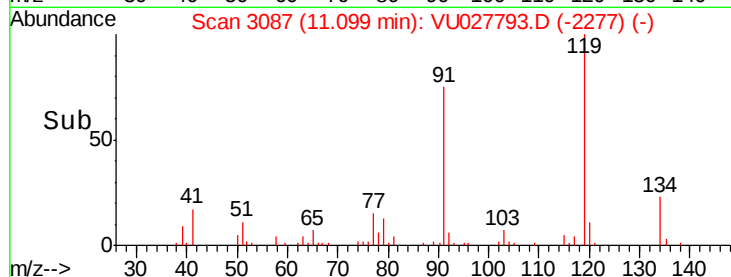
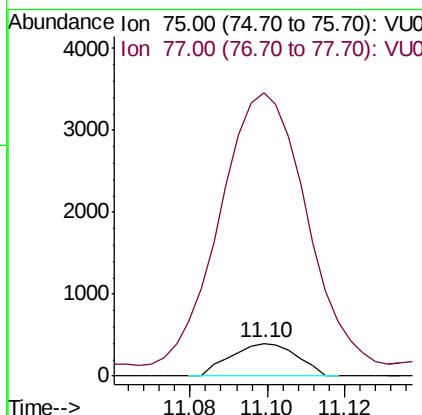
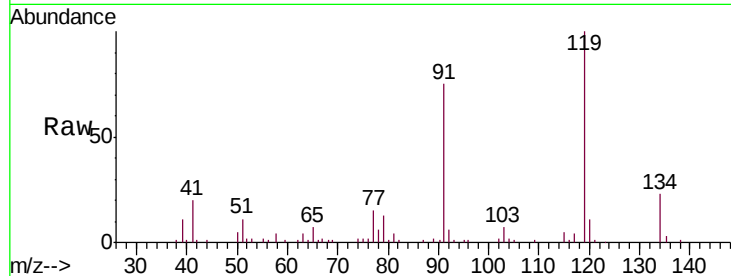




#59
 1,2,3-Trichloropropane
 Concen: 0.205 ug/L
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.60 min
 Lab File: VU027793.D
 Acq: 24 Oct 2018 18:36

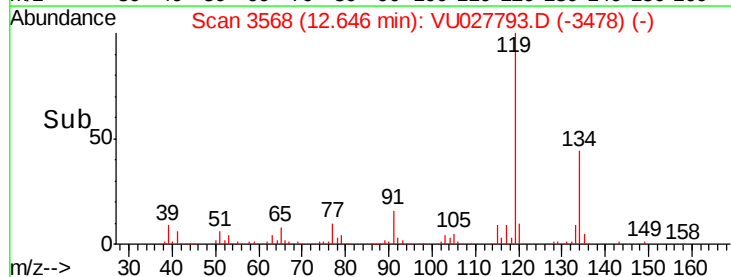
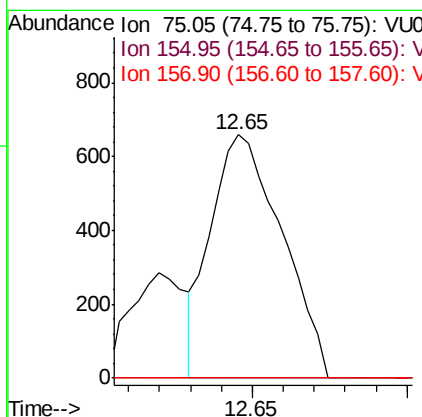
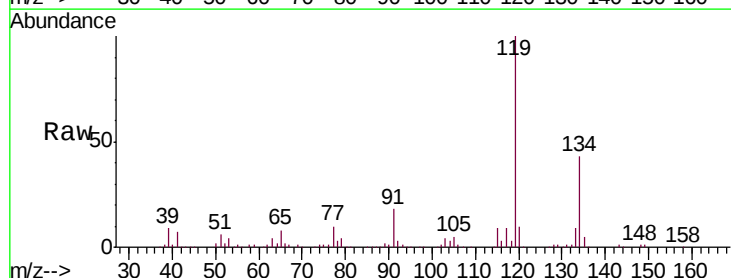
Instrument :
 MSVOA_U
 ClientSampleId :
 H1A01

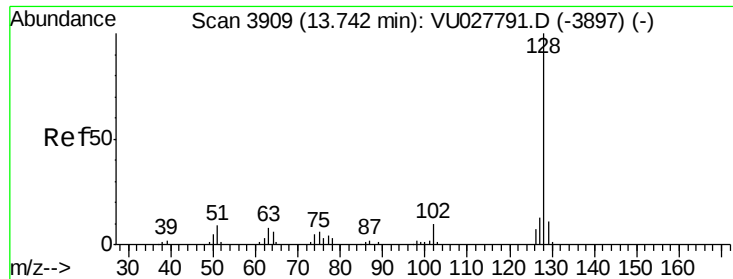
Tgt Ion: 75 Resp: 474
 Ion Ratio Lower Upper
 75 100
 77 1207.4 26.4 39.6#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.118 ug/L
 RT: 12.65 min Scan# 3568
 Delta R.T. -0.01 min
 Lab File: VU027793.D
 Acq: 24 Oct 2018 18:36

Tgt Ion: 75 Resp: 1055
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.2 69.2#
 157 0.0 68.9 103.3#





#69

Naphthalene

Concen: 0.290 ug/L

RT: 13.73 min Scan# 3904

Delta R.T. -0.02 min

Lab File: VU027793.D

Acq: 24 Oct 2018 18:36

Instrument :

MSVOA_U

ClientSampleId :

H1A01

Tgt Ion:128 Resp: 2182

Ion Ratio Lower Upper

128 100

129 88.5 8.8 13.2#

127 25.9 10.7 16.1#

