

Data File : VU041391.D
Acq On : 23 Nov 2020 16:39
Operator : SY/MD
Sample : L4853-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD3

Quant Time: Nov 24 01:54:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24223	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.92	69	18252	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.57	63	39050	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.64	46	62639	47.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.12%
24) Chloroform-d	5.08	84	47666	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.71	65	29549	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.74	84	86429	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	29832	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.90	98	78359	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.18	79	12369	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	39394	44.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22554	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	28275	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

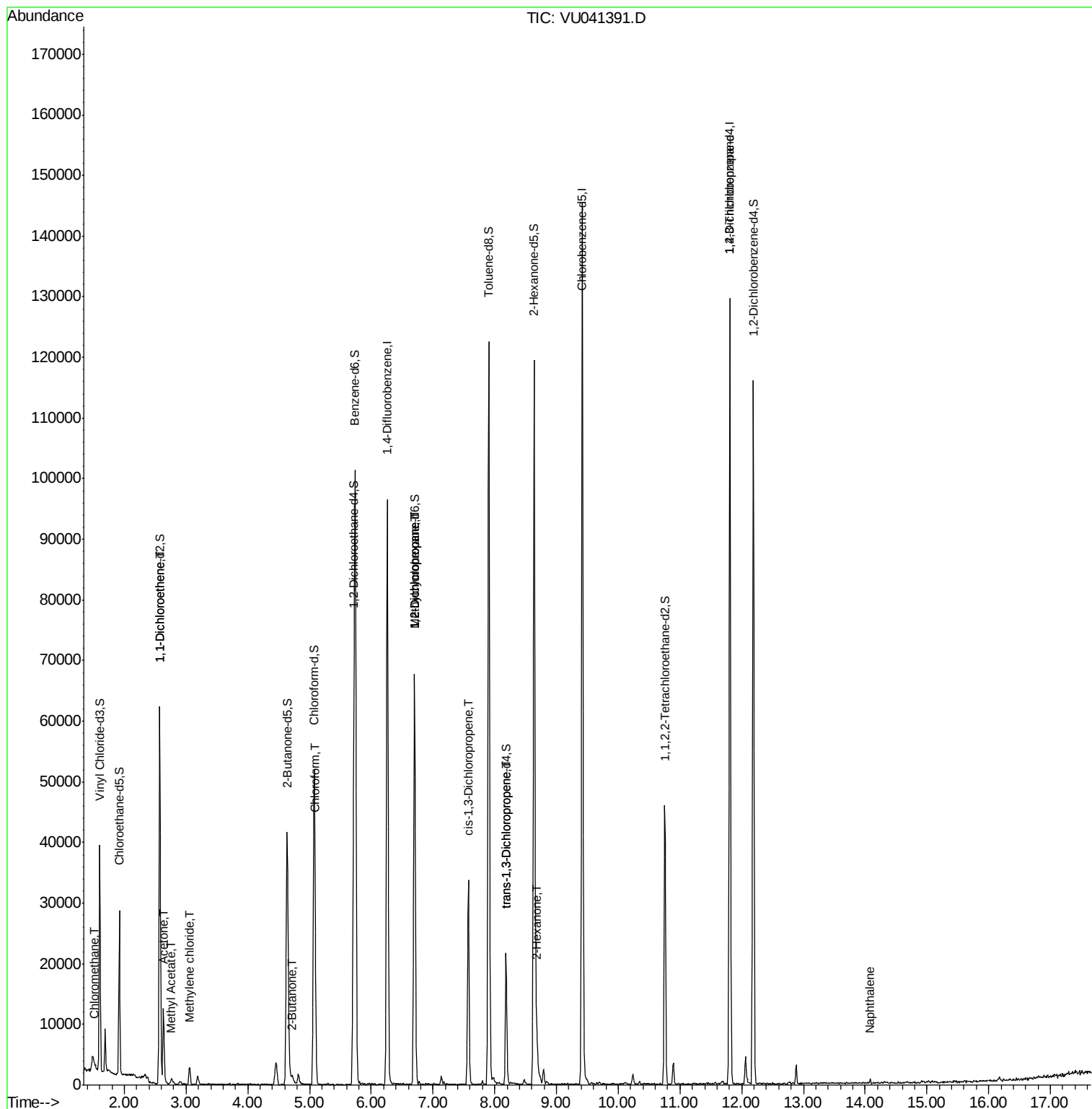
					Qvalue
3) Chloromethane	1.53	50	280	0.046 ug/L #	43
12) 1,1-Dichloroethene	2.57	96	261	0.058 ug/L #	1
13) Acetone	2.63	43	13898	15.613 ug/L	99
15) Methyl Acetate	2.76	43	263	0.125 ug/L #	55
16) Methylene chloride	3.05	84	1322	0.204 ug/L	96
21) 2-Butanone	4.72	43	1353	0.957 ug/L #	75
25) Chloroform	5.10	83	567	0.053 ug/L	81
35) Methylcyclohexane	6.70	83	6884	0.841 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3769	0.666 ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	921	0.118 ug/L	85
44) trans-1,3-Dichloropropene	8.18	75	687	0.096 ug/L	88
48) 2-Hexanone	8.68	43	2676	1.051 ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	4236	1.146 ug/L #	83
69) Naphthalene	14.08	128	725	0.088 ug/L #	83

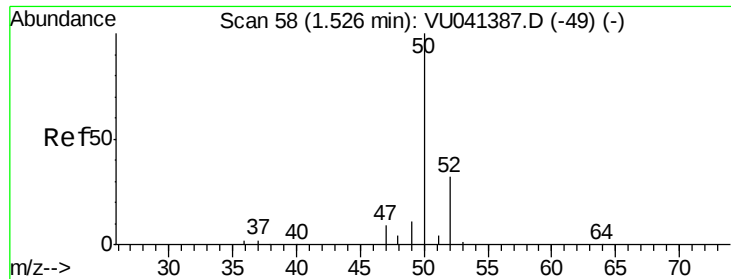
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.046 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041391.D

Acq: 23 Nov 2020 16:39

Instrument :

MSVOA_U

ClientSampled :

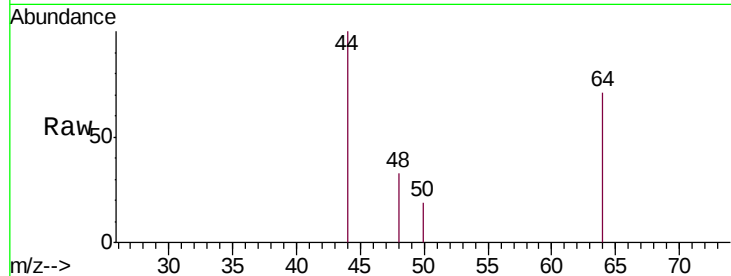
C0AD3

Tgt Ion: 50 Resp: 280

Ion Ratio Lower Upper

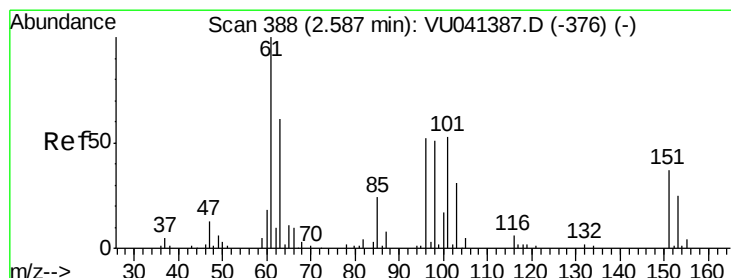
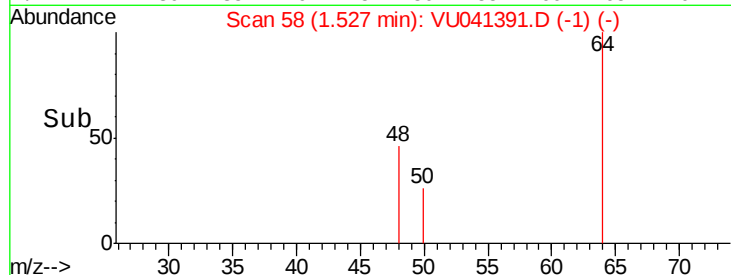
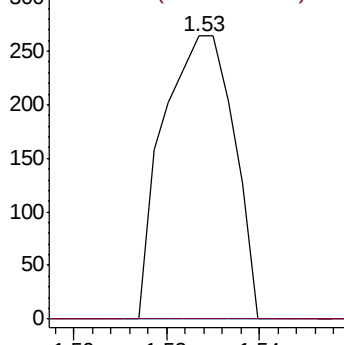
50 100

52 0.0 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU041391.D

Acq: 23 Nov 2020 16:39

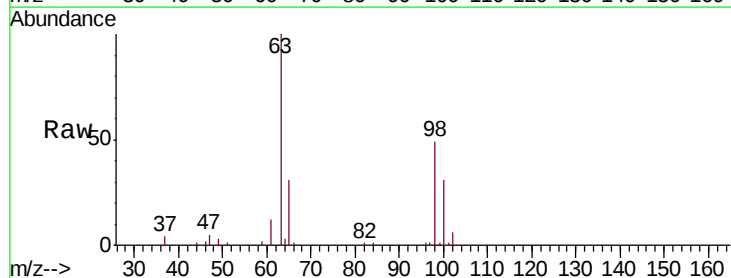
Tgt Ion: 96 Resp: 261

Ion Ratio Lower Upper

96 100

61 1425.4 129.8 241.2#

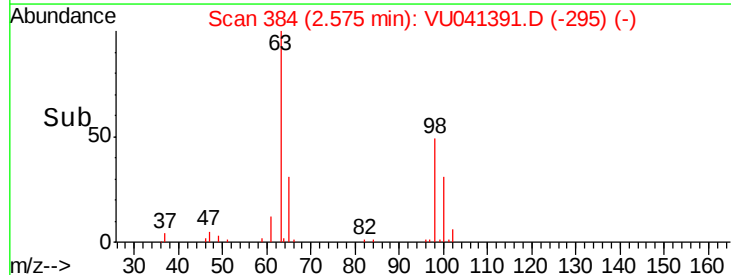
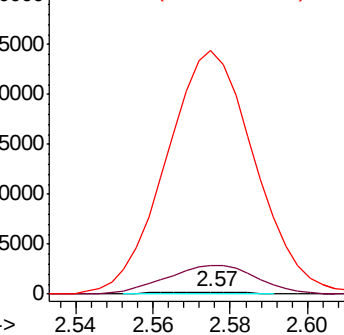
63 11898.5 79.2 147.0#

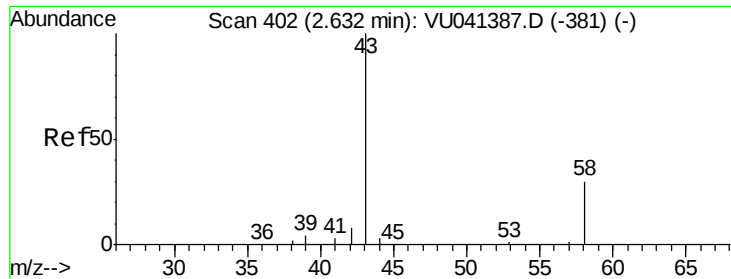


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 15.613 ug/L

RT: 2.63 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU041391.D

Acq: 23 Nov 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

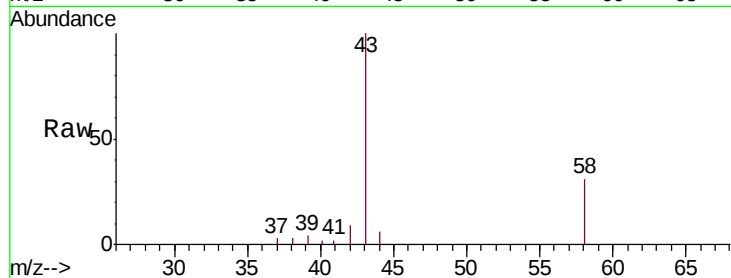
C0AD3

Tgt Ion: 43 Resp: 13898

Ion Ratio Lower Upper

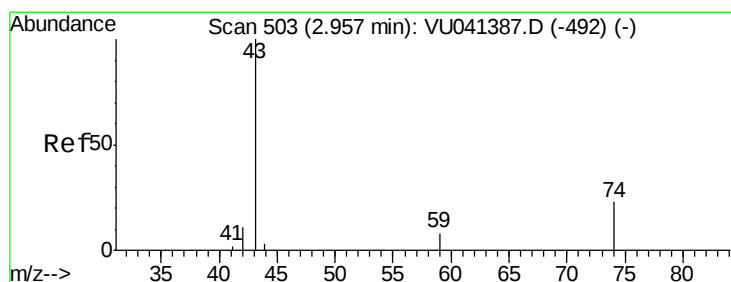
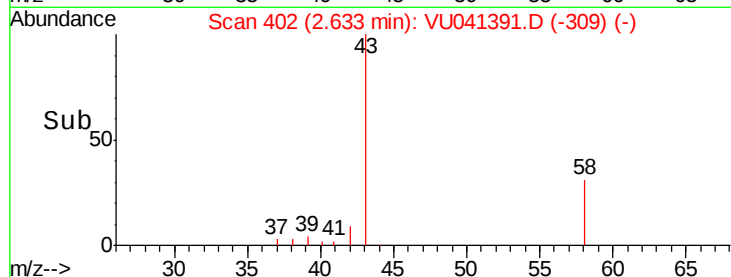
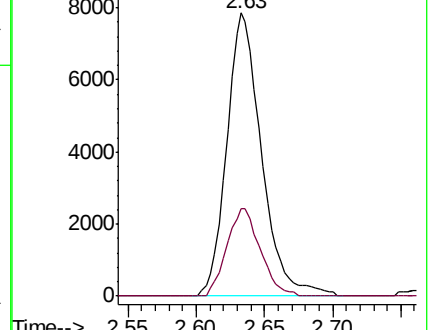
43 100

58 29.7 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU041387.D (-381) (-)

Ion 58.05 (57.75 to 58.75): VU041387.D (-381) (-)



#15

Methyl Acetate

Concen: 0.125 ug/L

RT: 2.76 min Scan# 442

Delta R.T. -0.20 min

Lab File: VU041391.D

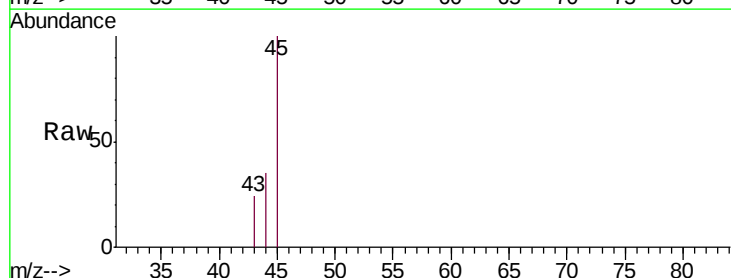
Acq: 23 Nov 2020 16:39

Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

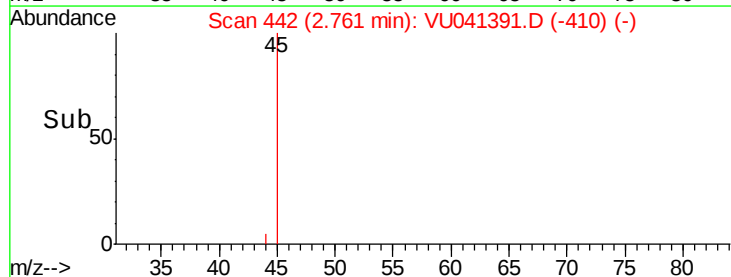
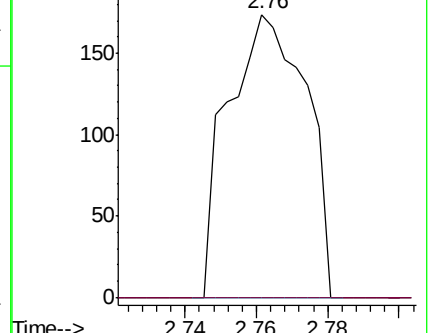
43 100

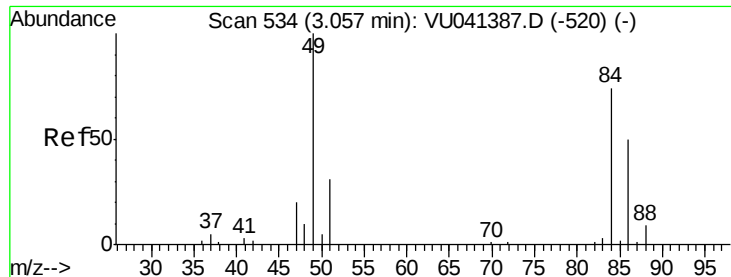
74 0.0 17.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VU041387.D (-492) (-)

Ion 74.05 (73.75 to 74.75): VU041387.D (-492) (-)

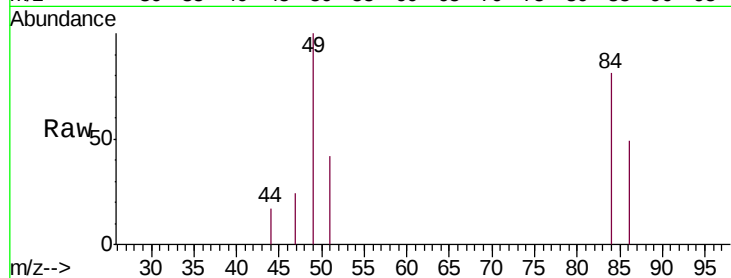




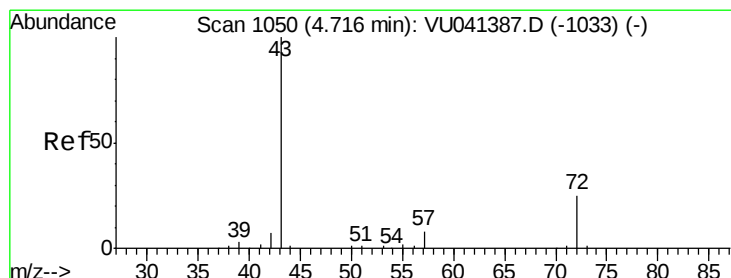
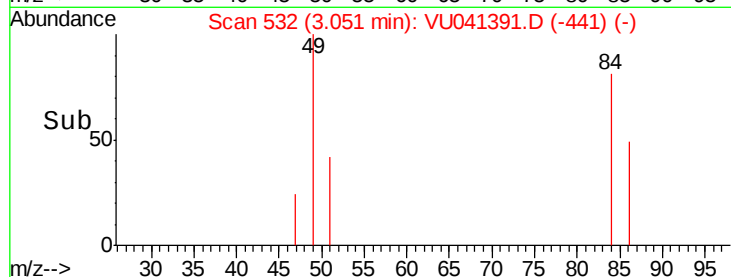
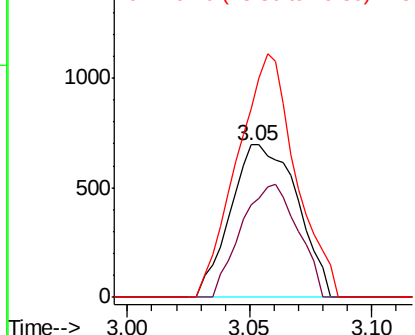
#16
Methylene chloride
Concen: 0.204 ug/L
RT: 3.05 min Scan# 532
Delta R.T. -0.01 min
Lab File: VU041391.D
Acq: 23 Nov 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :
C0AD3

Tgt Ion: 84 Resp: 1322
Ion Ratio Lower Upper
84 100
86 61.1 44.4 82.5
49 123.7 89.9 167.0

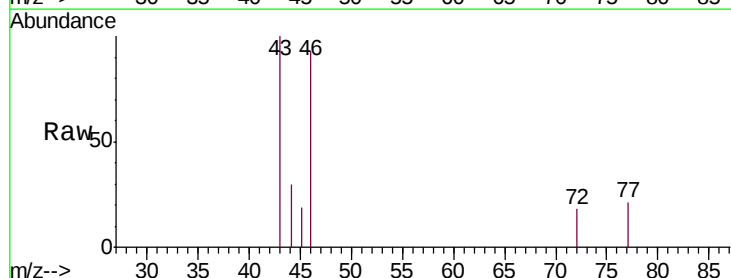


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

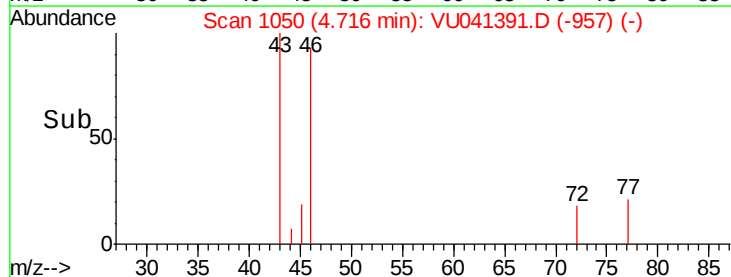
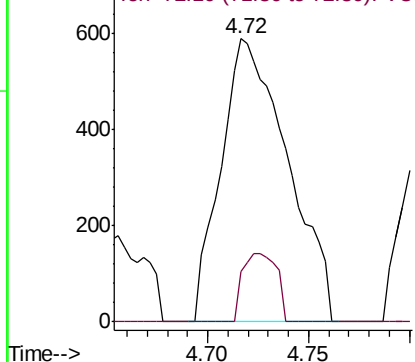


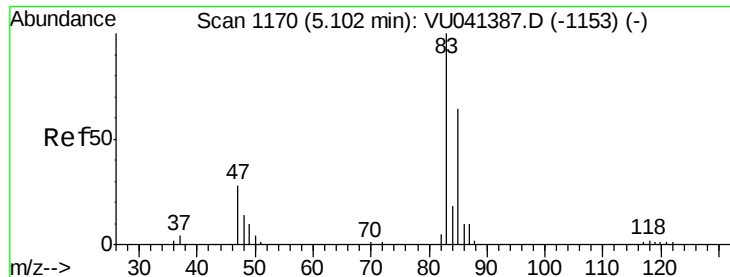
#21
2-Butanone
Concen: 0.957 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU041391.D
Acq: 23 Nov 2020 16:39

Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
72 12.5 12.6 37.6#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

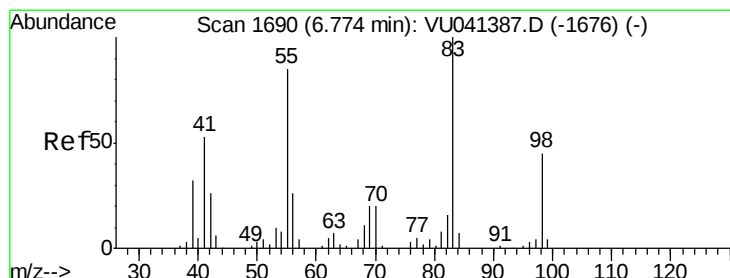
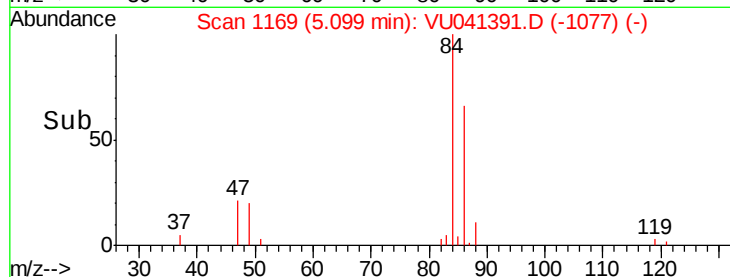
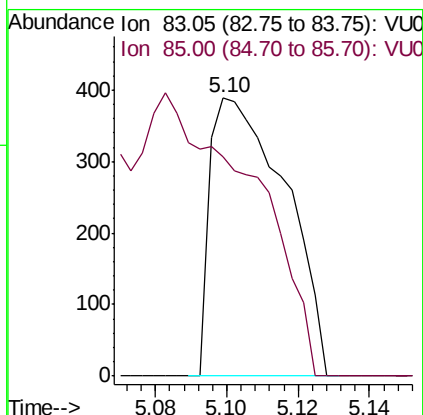
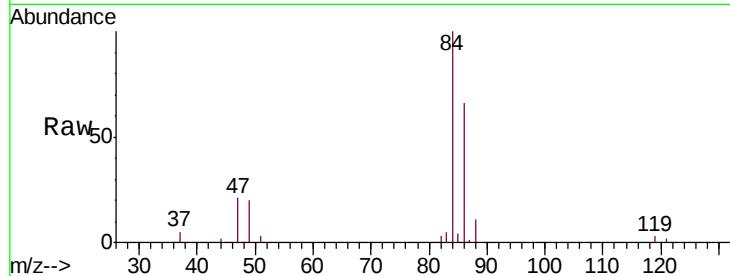




#25
Chloroform
Concen: 0.053 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.00 min
Lab File: VU041391.D
Acq: 23 Nov 2020 16:39

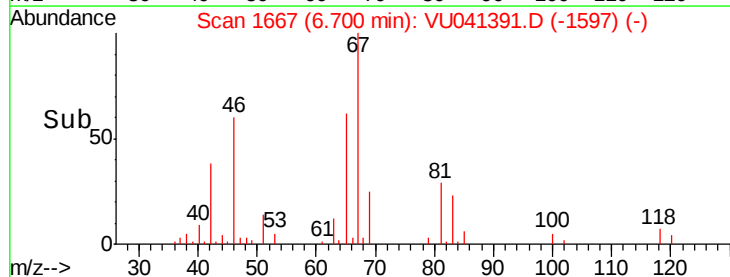
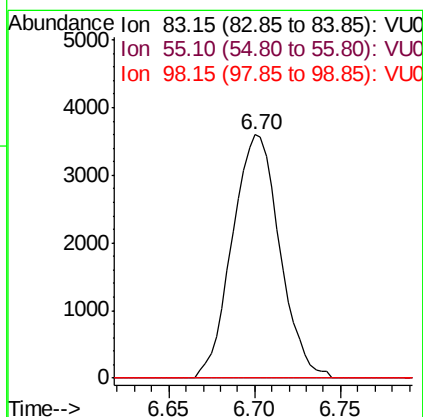
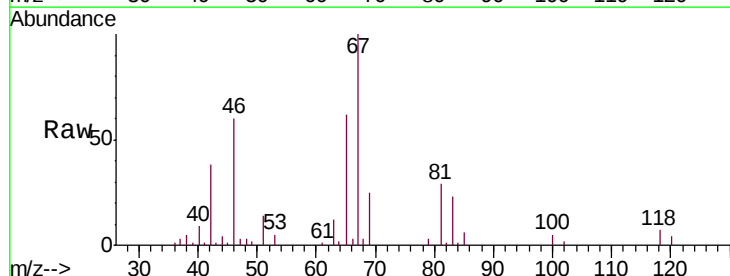
Instrument :
MSVOA_U
ClientSampleId :
C0AD3

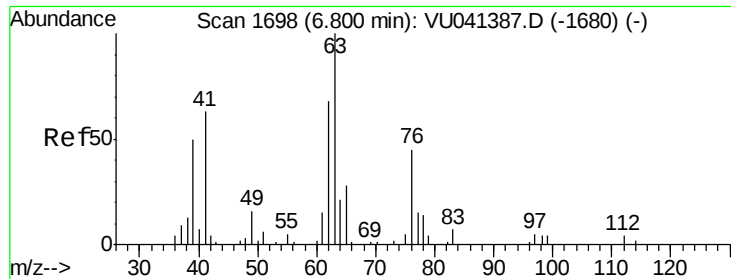
Tgt Ion: 83 Resp: 567
Ion Ratio Lower Upper
83 100
85 78.5 44.7 82.9



#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041391.D
Acq: 23 Nov 2020 16:39

Tgt Ion: 83 Resp: 6884
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 0.0 36.5 54.7#

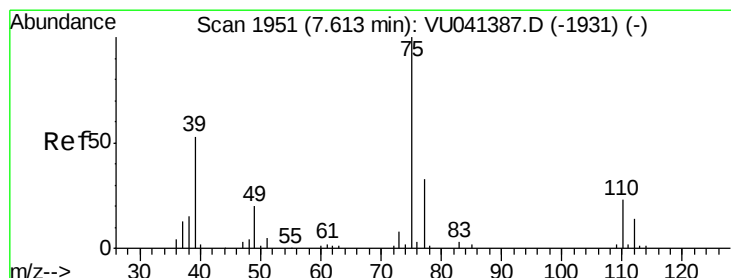
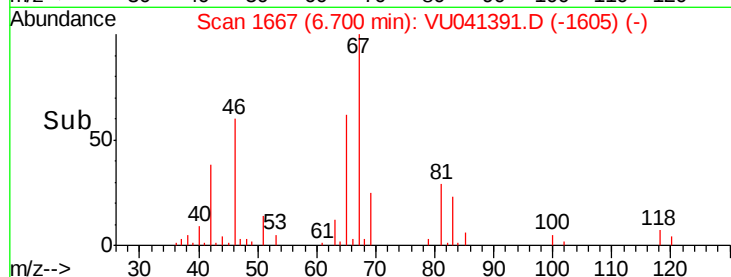
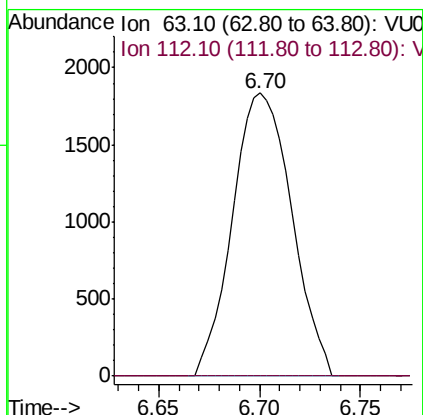
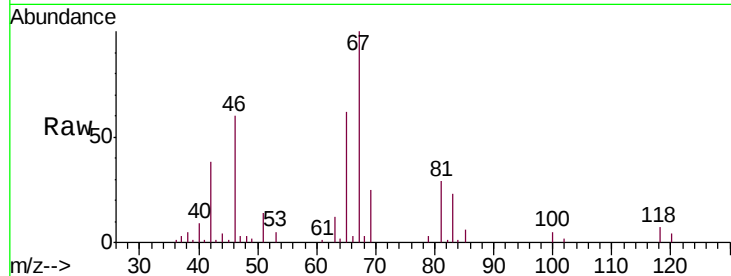




#37
 1,2-Dichloropropane
 Concen: 0.666 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041391.D
 Acq: 23 Nov 2020 16:39

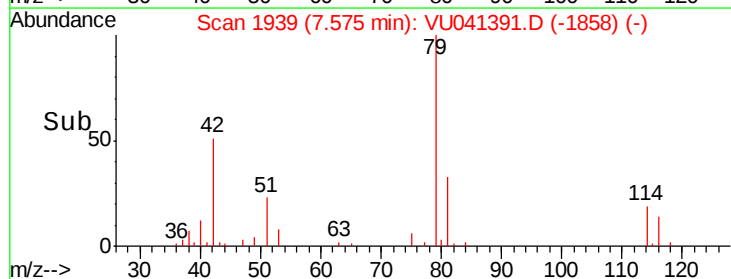
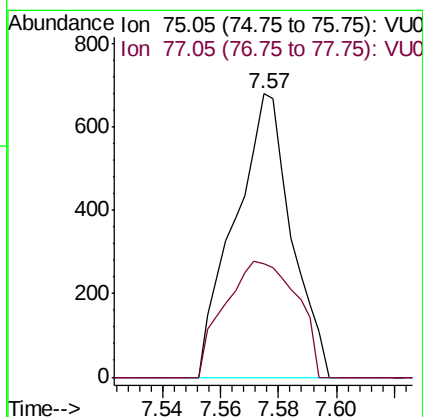
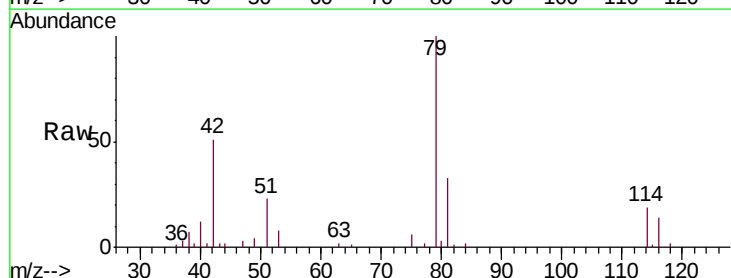
Instrument :
 MSVOA_U
 ClientSampled :
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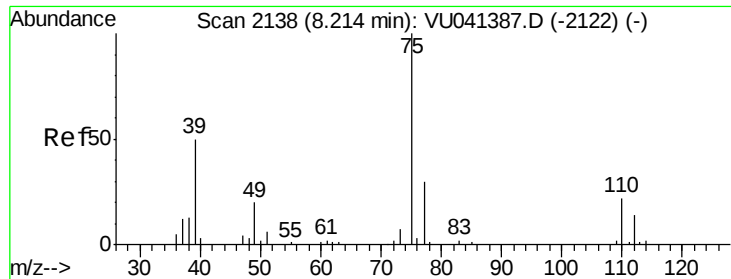
Tgt Ion: 63 Resp: 3769
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041391.D
 Acq: 23 Nov 2020 16:39

Tgt Ion: 75 Resp: 921
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.1 41.1

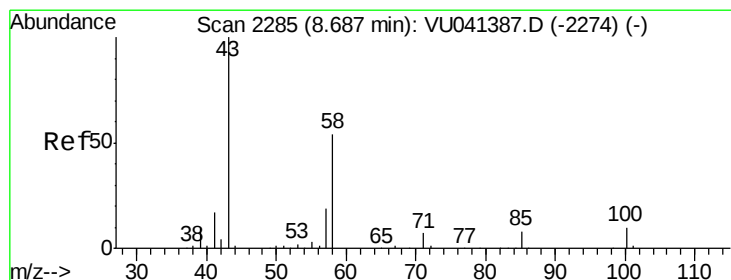
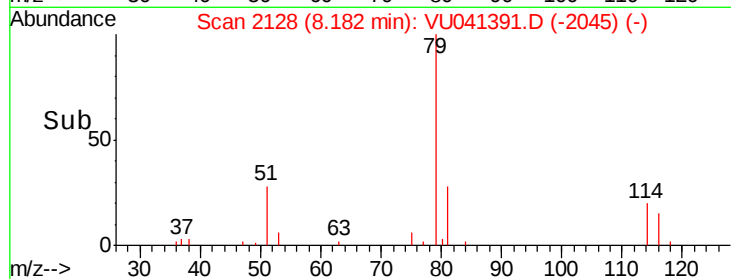
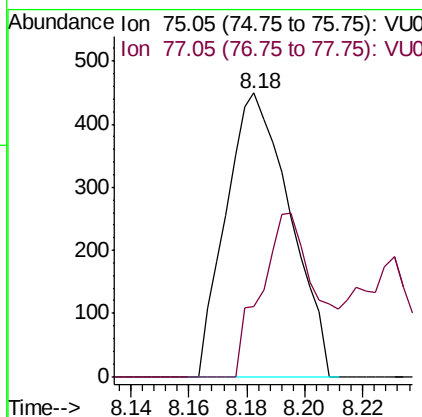
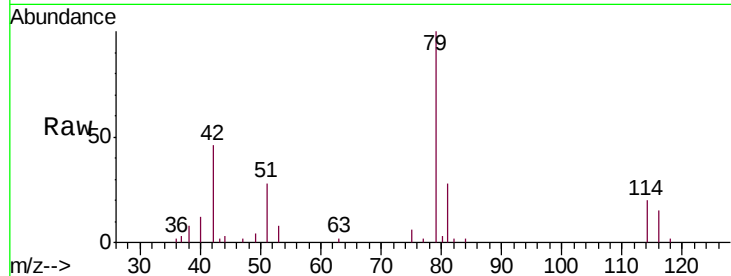




#44
trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041391.D
Acq: 23 Nov 2020 16:39

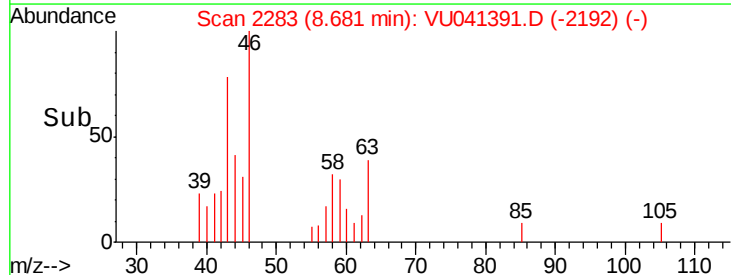
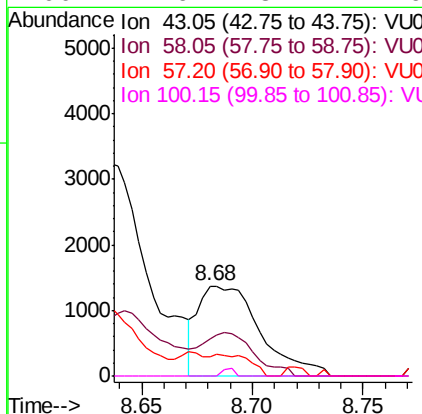
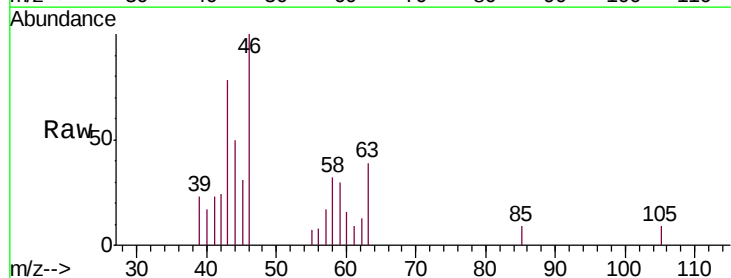
Instrument :
MSVOA_U
ClientSampleId :
C0AD3

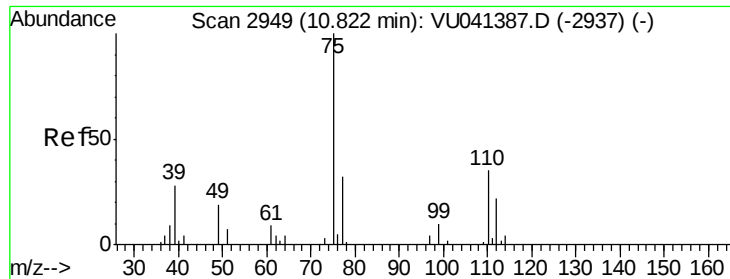
Tgt Ion: 75 Resp: 687
Ion Ratio Lower Upper
75 100
77 24.5 21.7 40.3



#48
2-Hexanone
Concen: 1.051 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.01 min
Lab File: VU041391.D
Acq: 23 Nov 2020 16:39

Tgt Ion: 43 Resp: 2676
Ion Ratio Lower Upper
43 100
58 40.8 42.0 63.0#
57 3.1 15.0 22.4#
100 1.6 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 1.146 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041391.D

Acq: 23 Nov 2020 16:39

Instrument :

MSVOA_U

ClientSampled :

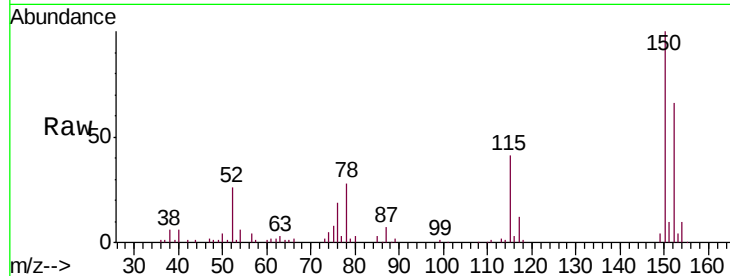
C0AD3

Tgt Ion: 75 Resp: 4236

Ion Ratio Lower Upper

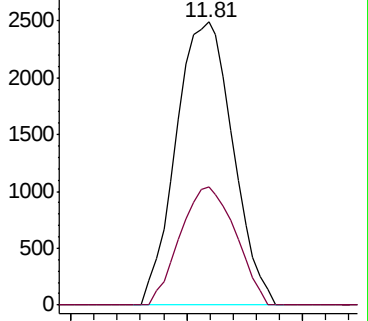
75 100

77 40.7 25.1 37.7#

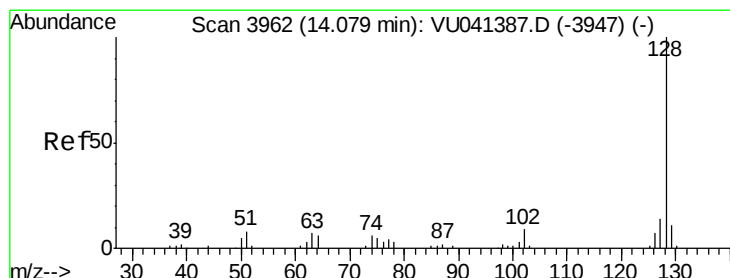
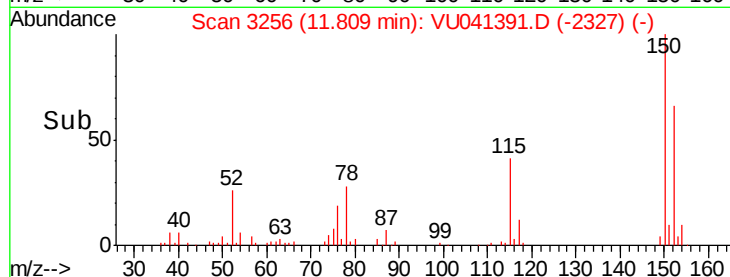


Abundance Ion 75.00 (74.70 to 75.70): VU041387.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU041387.D (-2937) (-)



Time-->



#69

Naphthalene

Concen: 0.088 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU041391.D

Acq: 23 Nov 2020 16:39

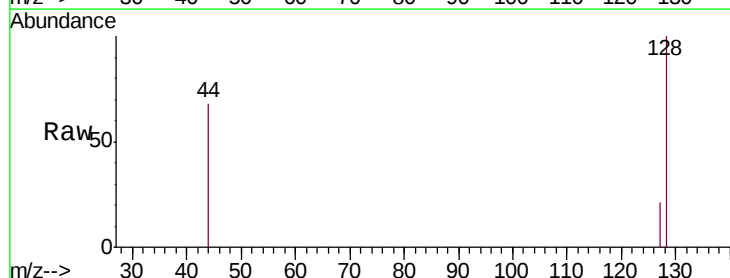
Tgt Ion: 128 Resp: 725

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

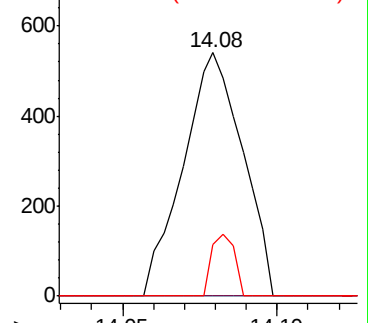
127 9.7 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): VU041387.D (-3947) (-)

Ion 129.00 (128.70 to 129.70): VU041387.D (-3947) (-)

Ion 127.00 (126.70 to 127.70): VU041387.D (-3947) (-)



Time-->

