

Data File : VU032521.D
Acq On : 07 Jun 2019 01:21
Operator : JC/SP
Sample : K3215-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J2

Quant Time: Jun 07 07:05:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	182131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38140	30.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.22%
7) Chloroethane-d5	1.68	69	36688	36.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.10%
11) 1,1-Dichloroethene-d2	2.27	63	65155	26.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.54%#
21) 2-Butanone-d5	4.17	46	105512	99.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.55%
24) Chloroform-d	4.64	84	103386	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.30	65	72008	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
32) Benzene-d6	5.33	84	205141	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
36) 1,2-Dichloropropane-d6	6.32	67	70266	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.56	98	191644	42.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.50%
43) trans-1,3-Dichloropropene-	7.85	79	30533	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.31	63	71074	98.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109107	50.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	88663	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

Target Compounds

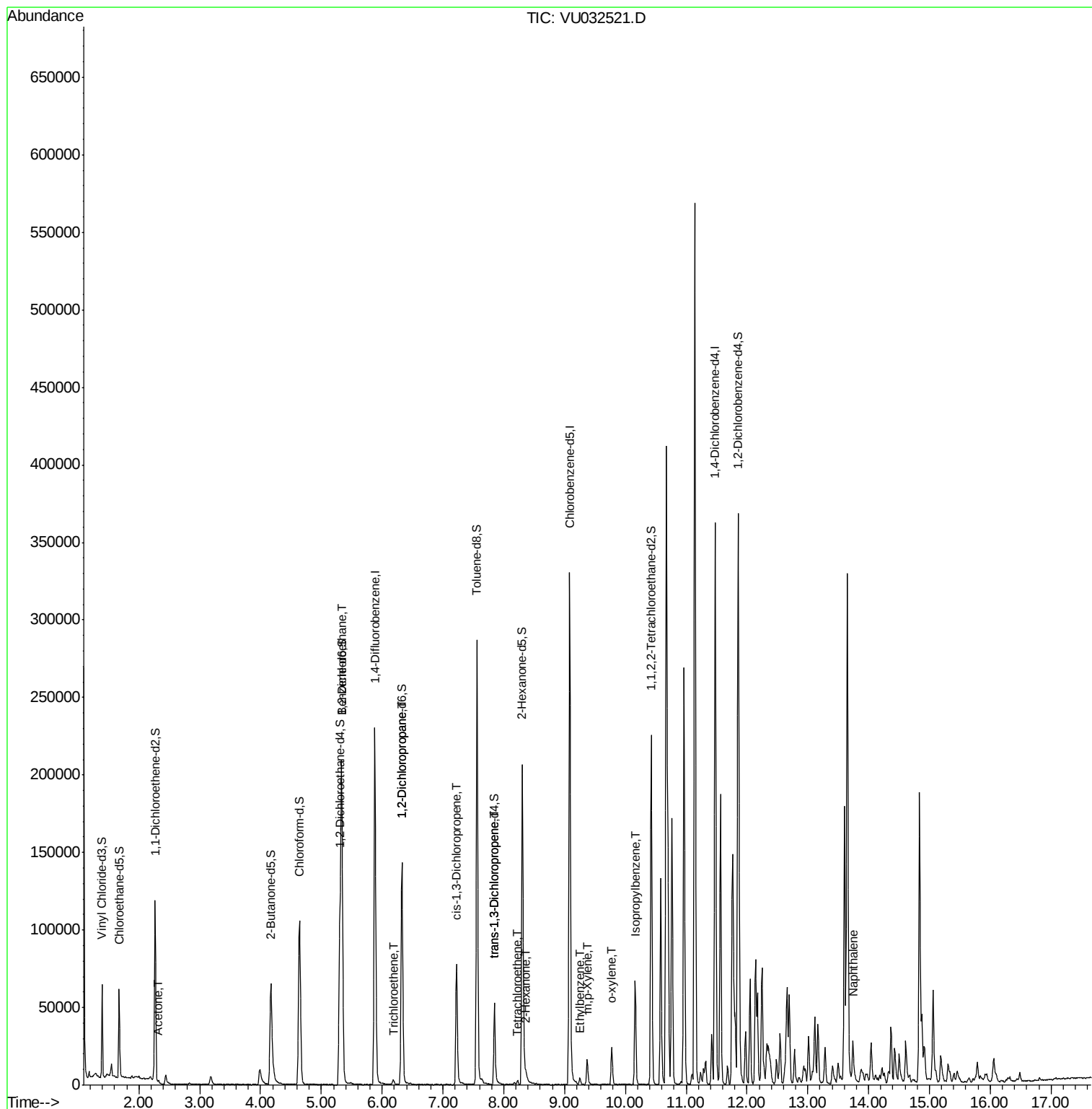
					Qvalue
13) Acetone	2.32	43	1788	1.635 ug/L	96
27) 1,2-Dichloroethane	5.34	62	1152	0.617 ug/L #	75
34) Trichloroethene	6.19	95	903	0.649 ug/L	85
37) 1,2-Dichloropropane	6.33	63	7642	5.634 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2017	0.942 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1400	0.737 ug/L #	82
46) Tetrachloroethene	8.22	164	604	0.525 ug/L	87
48) 2-Hexanone	8.36	43	2983	1.664 ug/L #	93
52) Ethylbenzene	9.25	91	3498	0.560 ug/L	99
53) m,p-Xylene	9.37	106	5236	2.204 ug/L	96
54) o-xylene	9.77	106	6954	2.949 ug/L	93
56) Isopropylbenzene	10.16	105	45385	7.298 ug/L	99
69) Naphthalene	13.74	128	22310	3.687 ug/L	99

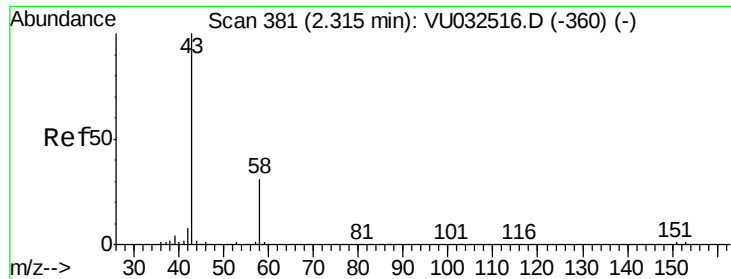
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 1.635 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032521.D

Acq: 07 Jun 2019 01:21

Instrument :

MSVOA_U

ClientSampled :

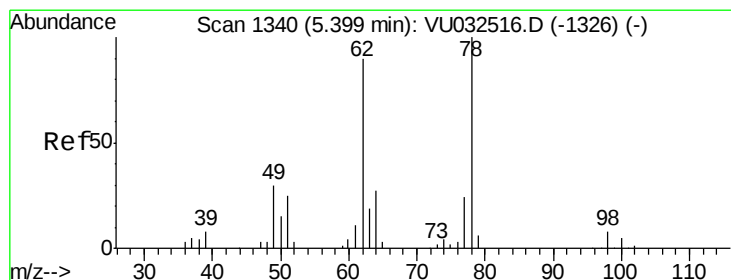
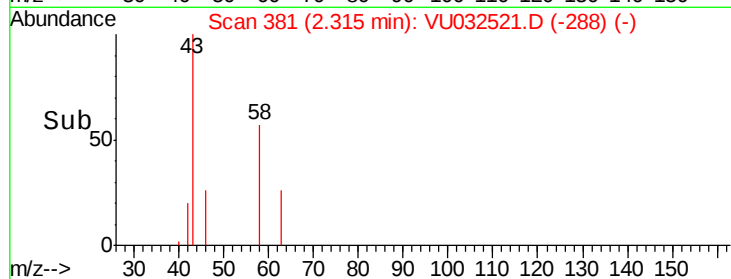
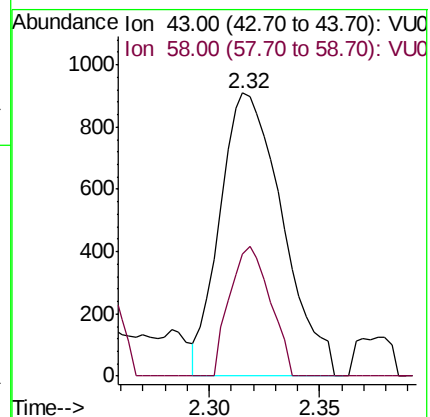
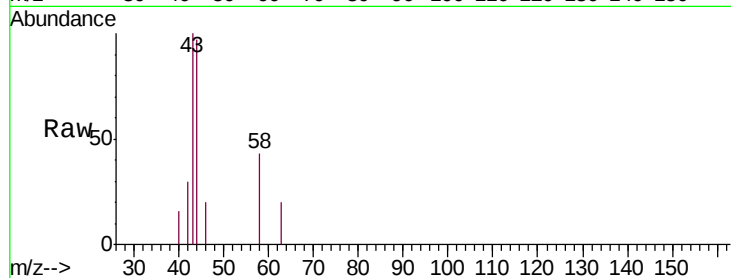
DB8J2

Tgt Ion: 43 Resp: 1788

Ion Ratio Lower Upper

43 100

58 29.8 0.0 64.0



#27

1,2-Dichloroethane

Concen: 0.617 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032521.D

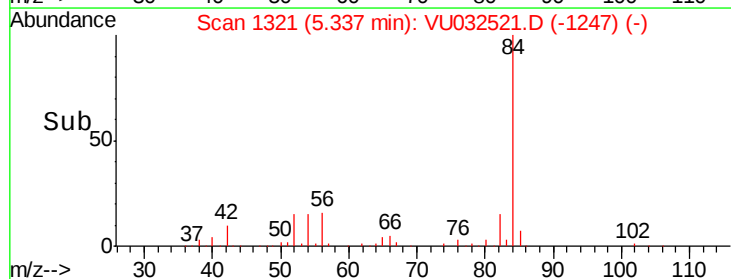
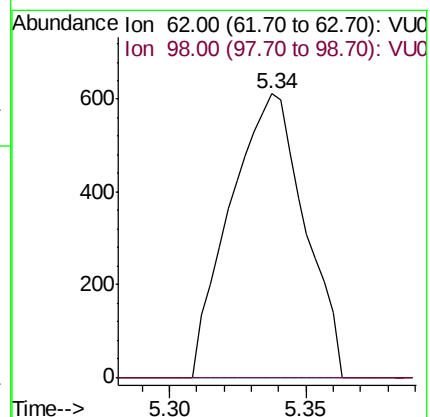
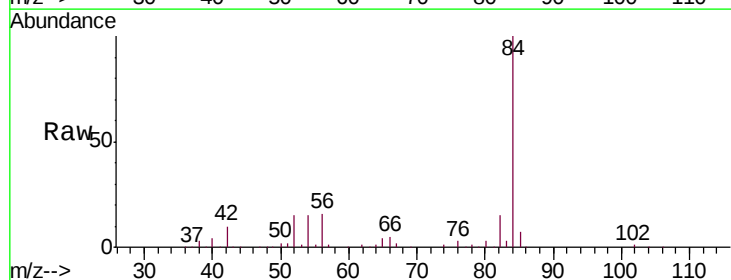
Acq: 07 Jun 2019 01:21

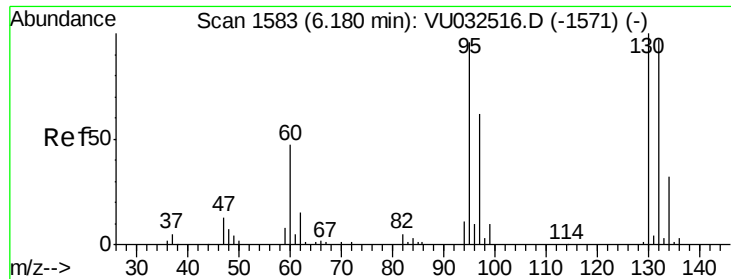
Tgt Ion: 62 Resp: 1152

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

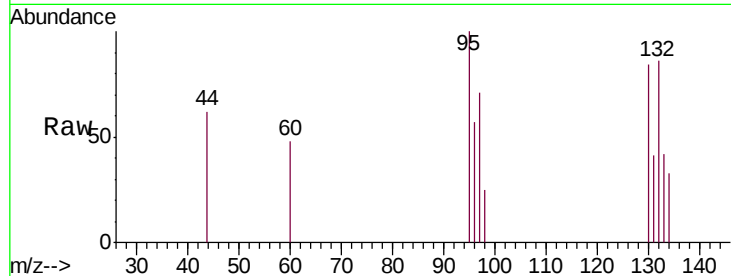




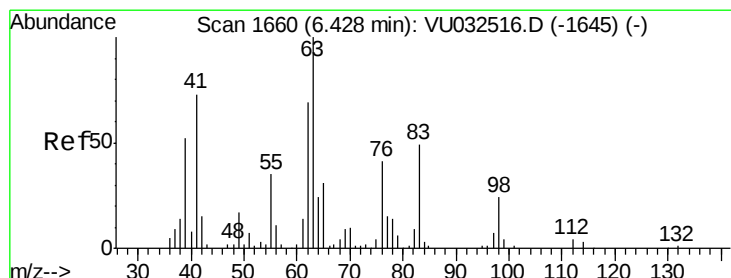
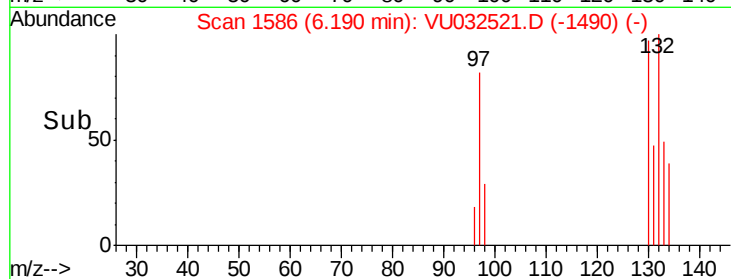
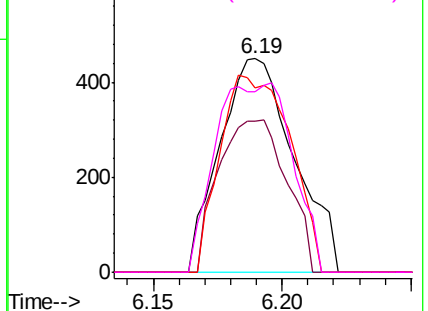
#34
 Trichloroethene
 Concen: 0.649 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU032521.D
 Acq: 07 Jun 2019 01:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J2

Tgt Ion: 95 Resp: 903
 Ion Ratio Lower Upper
 95 100
 97 70.9 45.8 85.2
 132 86.4 71.0 131.8
 130 84.2 73.4 136.2

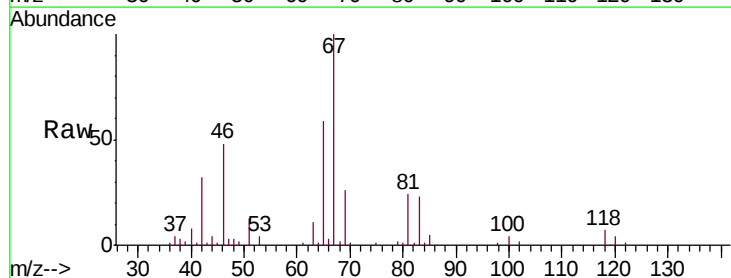


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

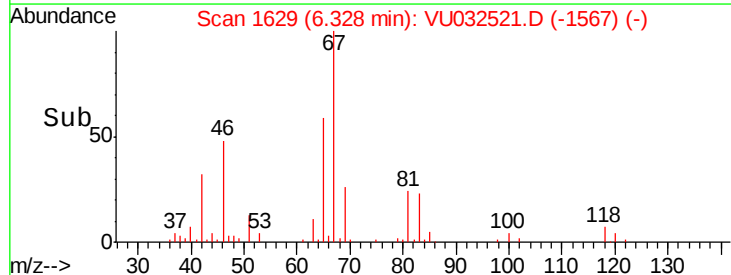
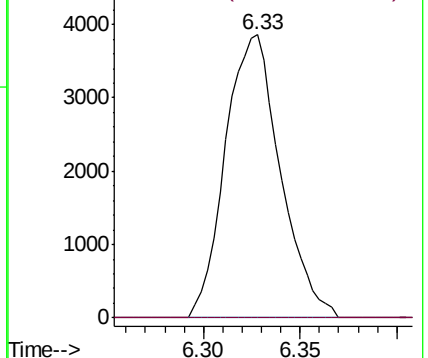


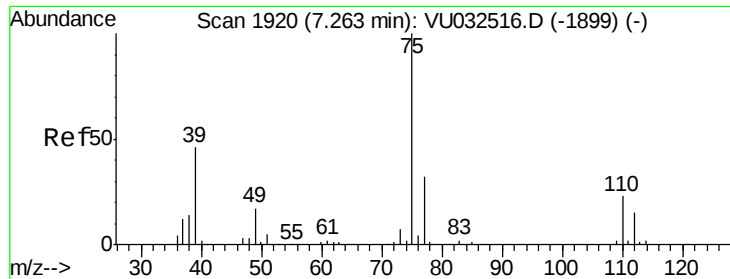
#37
 1,2-Dichloropropane
 Concen: 5.634 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032521.D
 Acq: 07 Jun 2019 01:21

Tgt Ion: 63 Resp: 7642
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

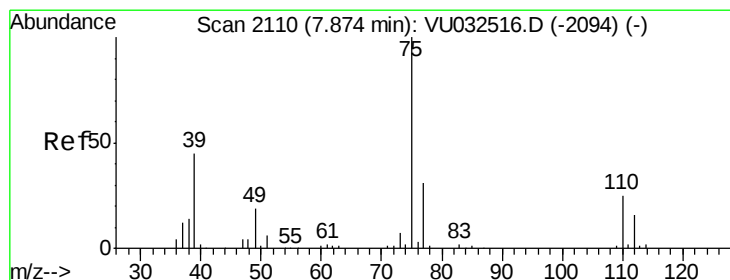
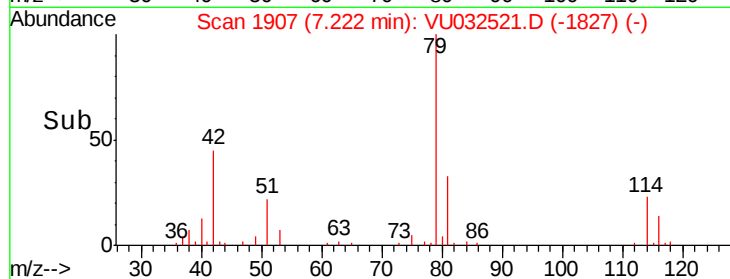
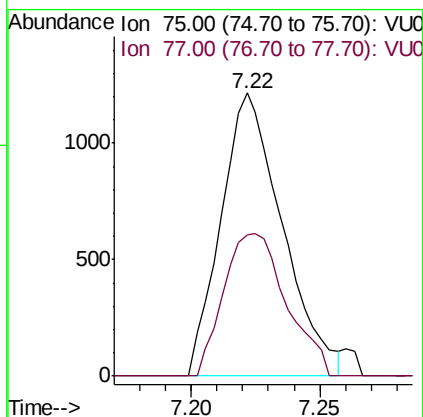
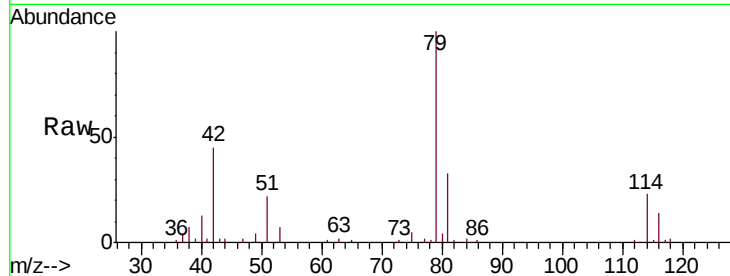




#39
 cis-1,3-Dichloropropene
 Concen: 0.942 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032521.D
 Acq: 07 Jun 2019 01:21

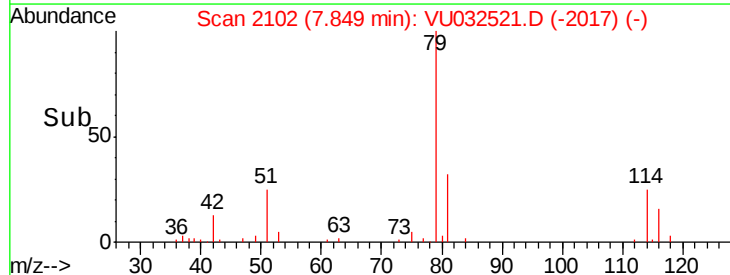
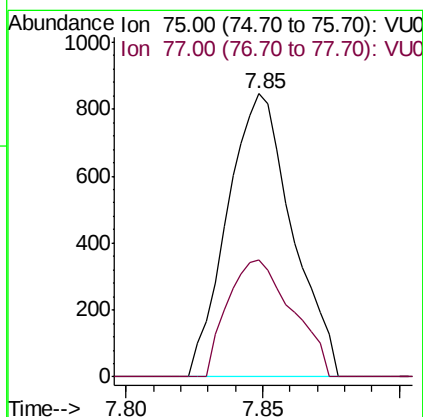
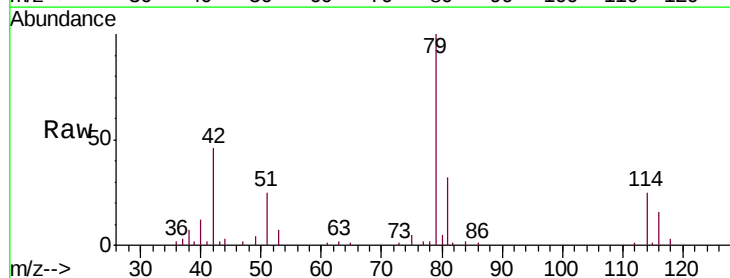
Instrument :
 MSVOA_U
 ClientSampled :
 DB8J2

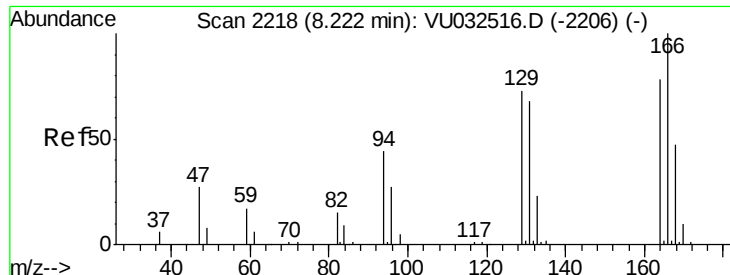
Tgt Ion: 75 Resp: 2017
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.737 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032521.D
 Acq: 07 Jun 2019 01:21

Tgt Ion: 75 Resp: 1400
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.1 41.1#

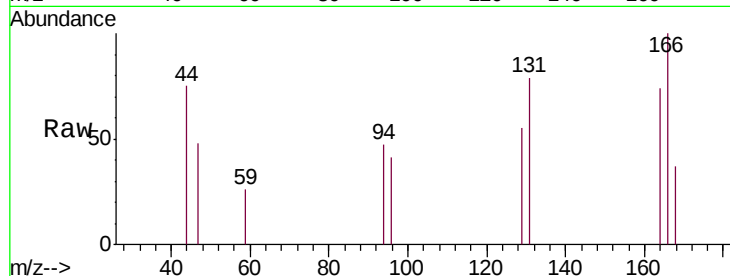




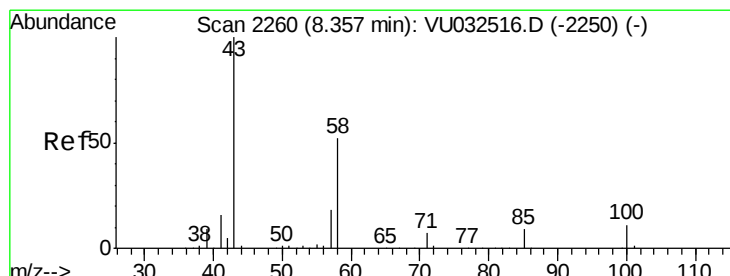
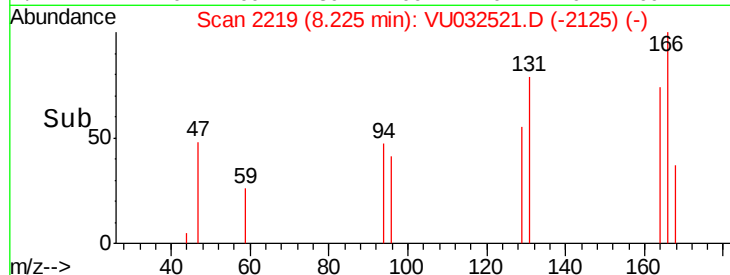
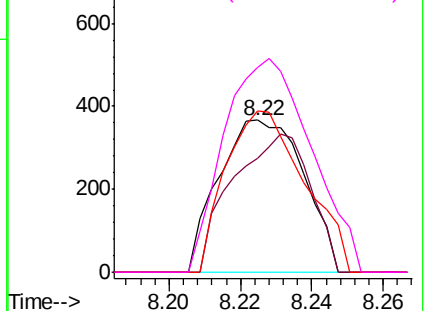
#46
Tetrachloroethene
Concen: 0.525 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Instrument :
MSVOA_U
ClientSampleId :
DB8J2

Tgt Ion: 164 Resp: 604
Ion Ratio Lower Upper
164 100
129 74.7 65.3 121.3
131 106.3 64.0 119.0
166 134.9 88.8 165.0

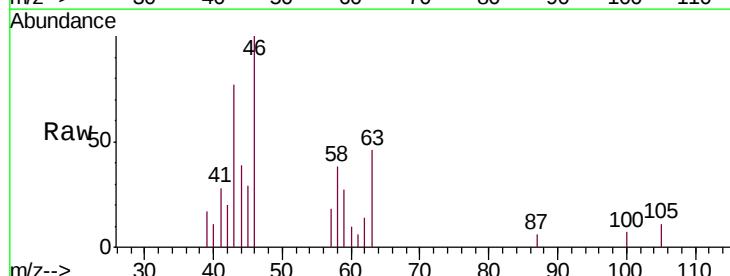


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

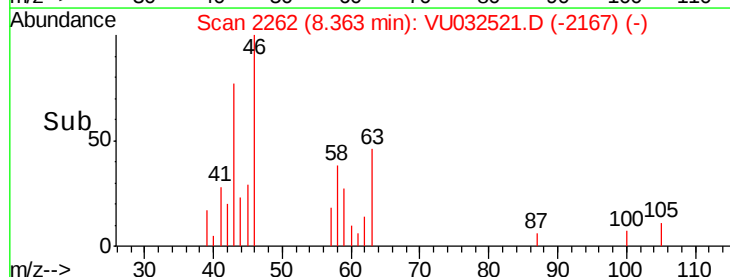
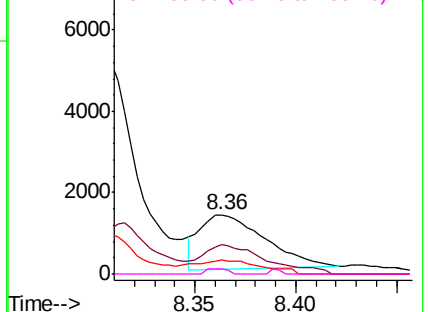


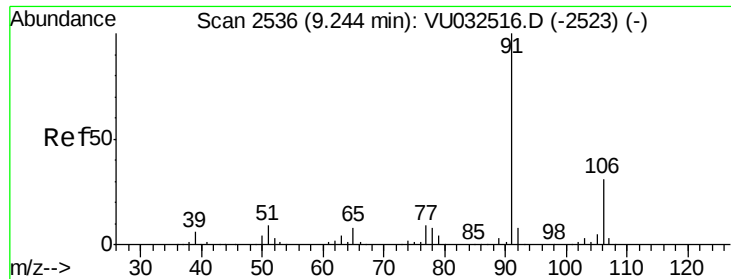
#48
2-Hexanone
Concen: 1.664 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032521.D
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Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
58 52.8 42.0 63.0
57 10.4 14.6 22.0#
100 3.3 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

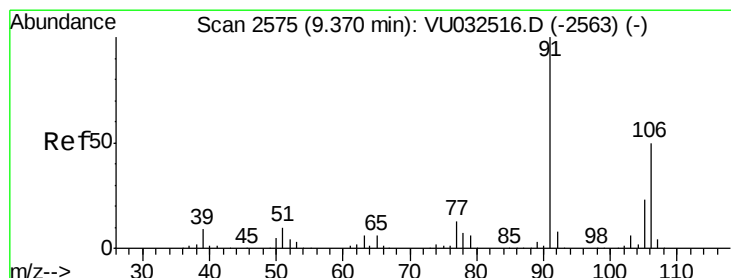
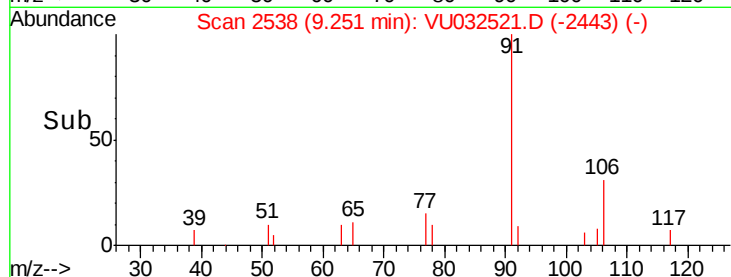
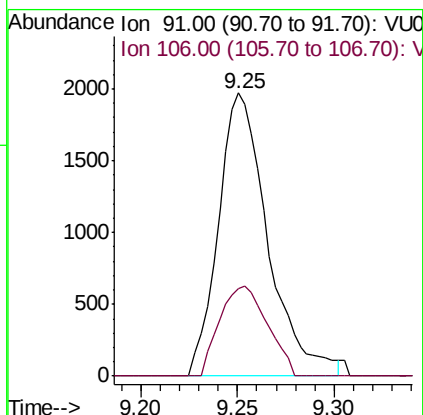
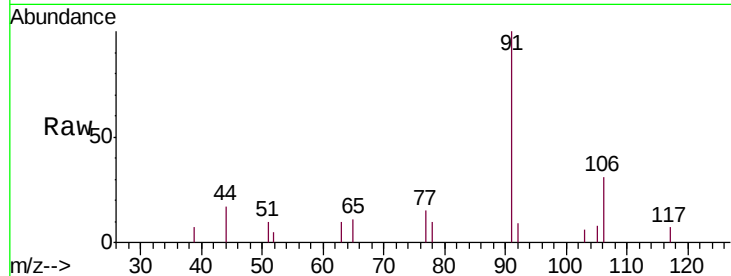




#52
Ethylbenzene
Concen: 0.560 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.01 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

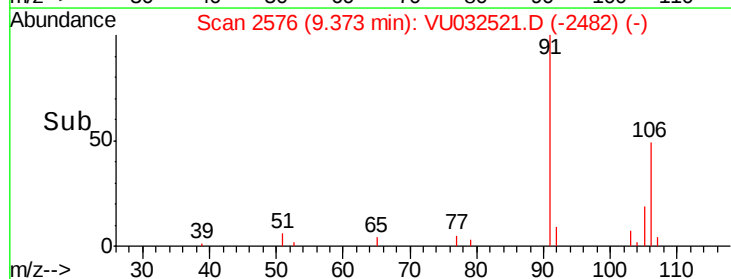
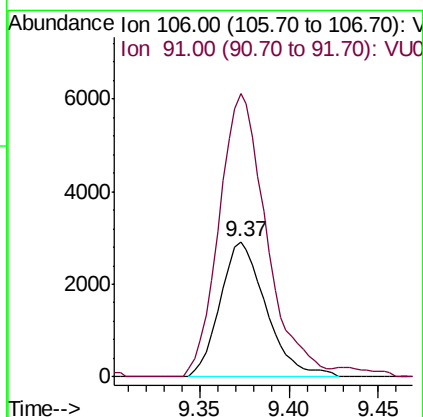
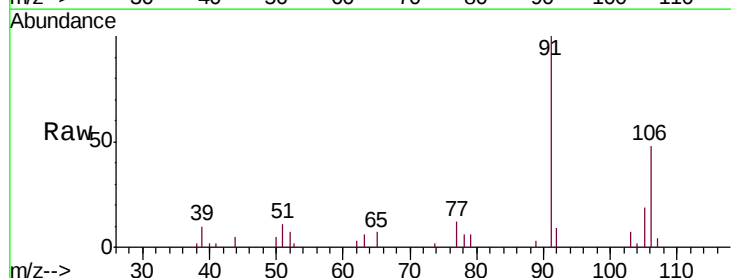
Instrument :
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ClientSampleId :
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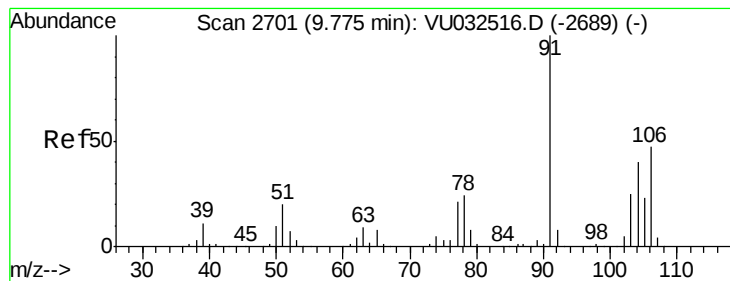
Tgt Ion: 91 Resp: 3498
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0



#53
m,p-Xylene
Concen: 2.204 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032521.D
Acq: 07 Jun 2019 01:21

Tgt Ion: 106 Resp: 5236
Ion Ratio Lower Upper
106 100
91 209.0 141.7 263.1





#54

o-xylene

Concen: 2.949 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU032521.D

Acq: 07 Jun 2019 01:21

Instrument :

MSVOA_U

ClientSampleId :

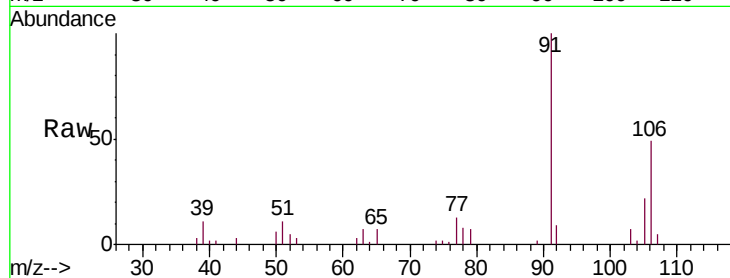
DB8J2

Tgt Ion:106 Resp: 6954

Ion Ratio Lower Upper

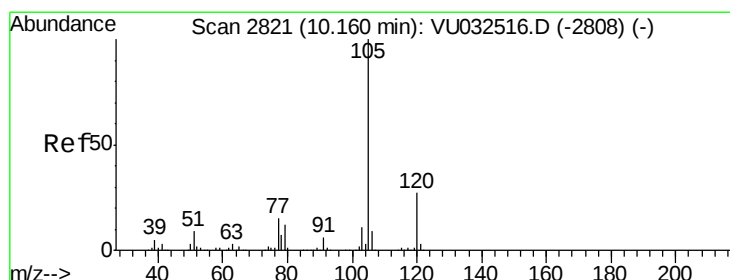
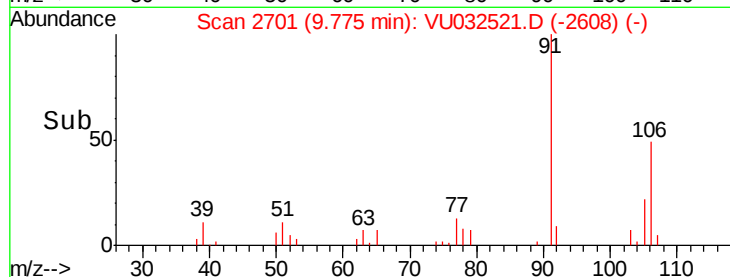
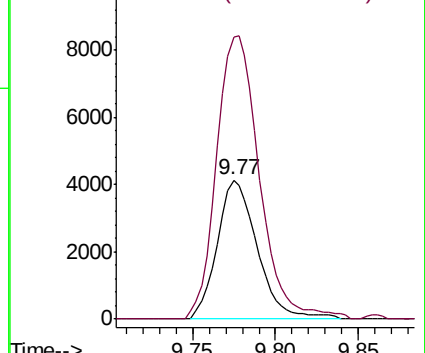
106 100

91 203.2 150.1 278.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 7.298 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032521.D

Acq: 07 Jun 2019 01:21

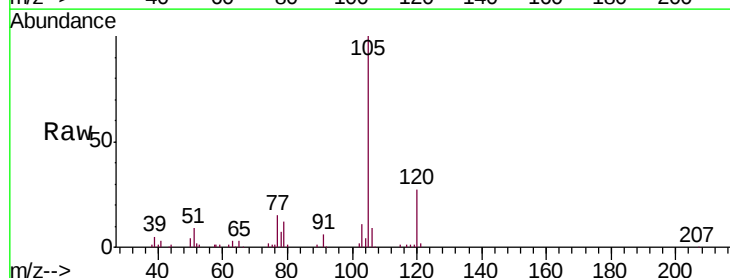
Tgt Ion:105 Resp: 45385

Ion Ratio Lower Upper

105 100

120 26.3 21.6 32.4

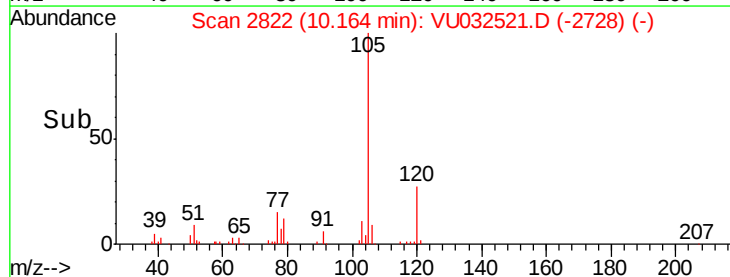
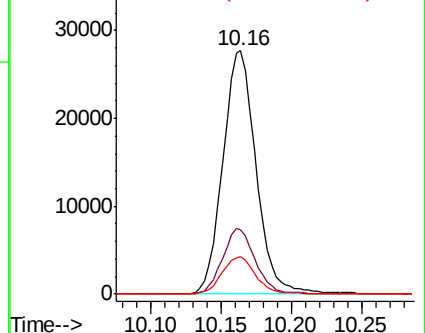
77 15.3 12.4 18.6

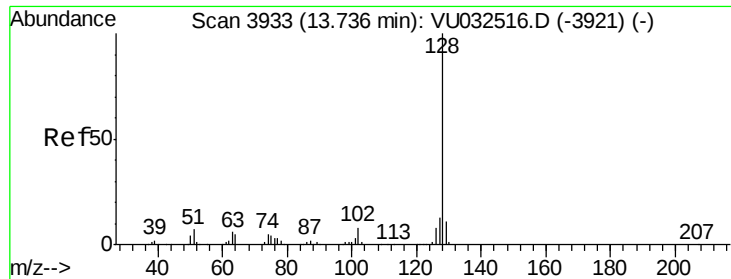


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 3.687 ug/L

RT: 13.74 min Scan# 3935

Delta R.T. 0.01 min

Lab File: VU032521.D

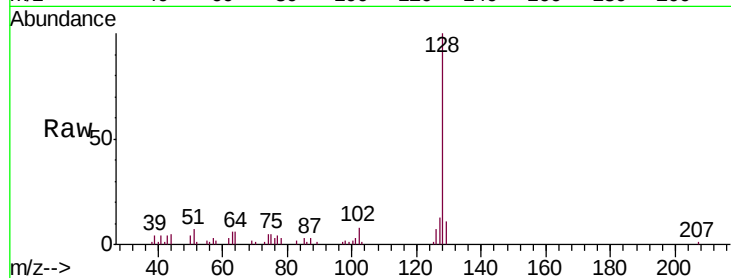
Acq: 07 Jun 2019 01:21

Instrument :

MSVOA_U

ClientSampleId :

DB8J2



Tgt Ion:128 Resp: 22310

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.1 8.5 12.7

