

Data File : VU028464.D
Acq On : 04 Dec 2018 13:48
Operator : MD/SY
Sample : J6171-10MEDL 10X
Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9Y14MEDL

Quant Time: Dec 05 03:14:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 05 03:10:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	677146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	653040	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322377	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182435	30.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.22%
7) Chloroethane-d5	1.67	69	158725	34.13	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.26%#
11) 1,1-Dichloroethene-d2	2.27	63	267544	24.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.66%#
21) 2-Butanone-d5	4.17	46	353773	71.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.15%
24) Chloroform-d	4.64	84	338923	34.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.36%#
26) 1,2-Dichloroethane-d4	5.30	65	227009	34.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.22%#
32) Benzene-d6	5.34	84	710173	34.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.86%#
36) 1,2-Dichloropropane-d6	6.33	67	259863	35.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.86%
41) Toluene-d8	7.56	98	656216	35.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.24%#
43) trans-1,3-Dichloropropene-	7.85	79	114500	34.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.14%
47) 2-Hexanone-d5	8.31	63	263457	74.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	339217	36.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	249324	38.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.92%#

Target Compounds

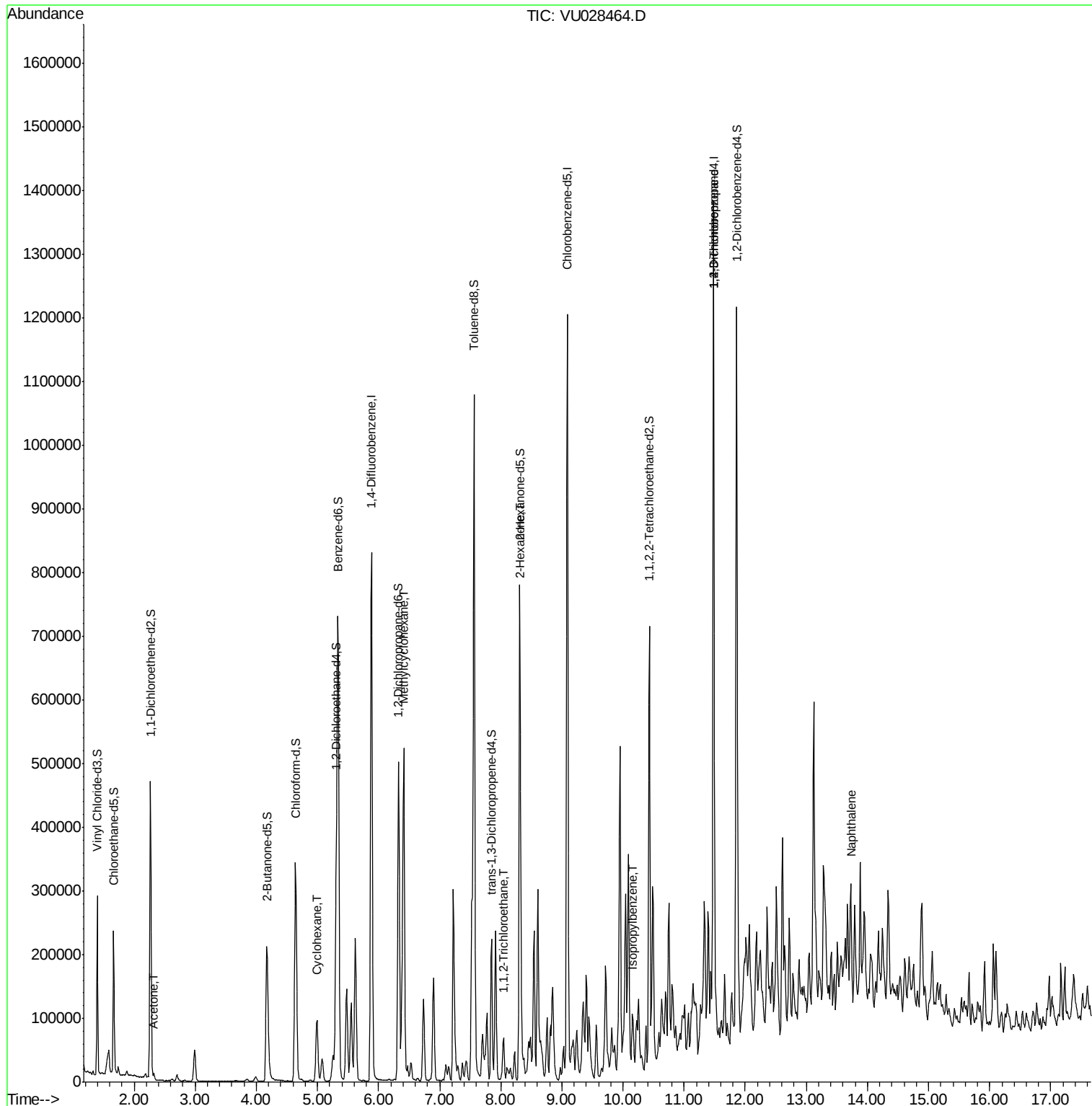
					Qvalue
13) Acetone	2.32	43	6896	1.333 ug/L	96
29) Cyclohexane	4.99	56	56872	5.366 ug/L	97
35) Methylcyclohexane	6.41	83	222986	23.882 ug/L	94
45) 1,1,2-Trichloroethane	8.05	97	24449	4.727 ug/L #	17
48) 2-Hexanone	8.32	43	97441	11.026 ug/L #	38
56) Isopropylbenzene	10.17	105	16112	0.686 ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	43259	5.730 ug/L	98
69) Naphthalene	13.74	128	27174	1.083 ug/L #	94

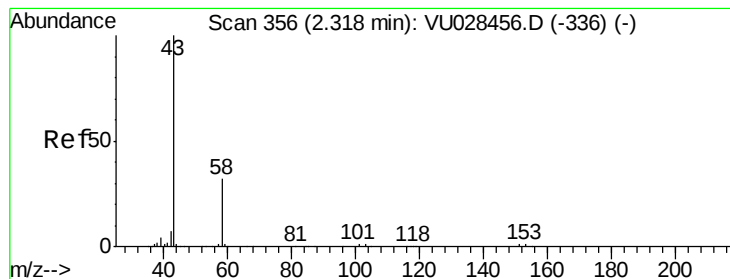
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.333 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Acq: 04 Dec 2018 13:48

Instrument :

MSVOA_U

ClientSampleId :

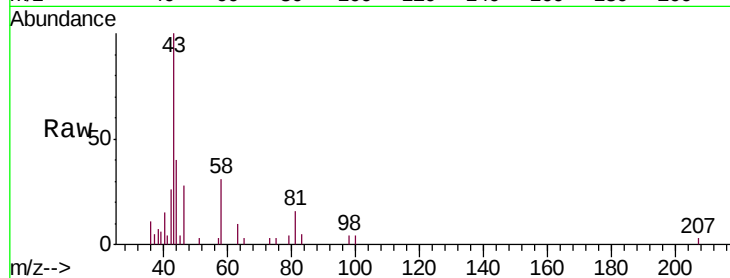
F9Y14MEDL

Tgt Ion: 43 Resp: 6896

Ion Ratio Lower Upper

43 100

58 29.4 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

5000

4000

3000

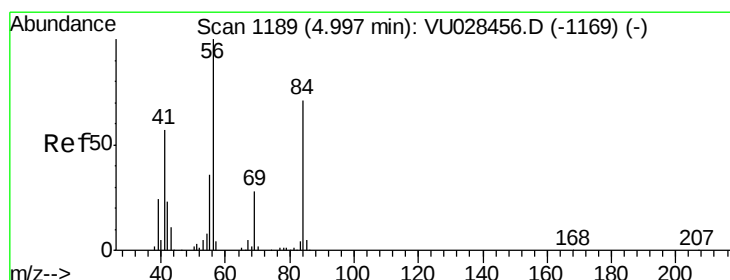
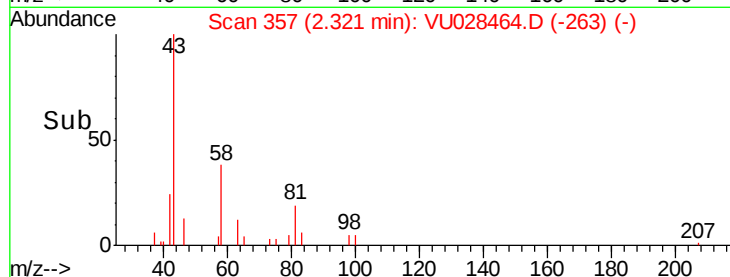
2000

1000

0

Time--> 2.25 2.30 2.35

2.32



#29

Cyclohexane

Concen: 5.366 ug/L

RT: 4.99 min Scan# 1187

Delta R.T. -0.01 min

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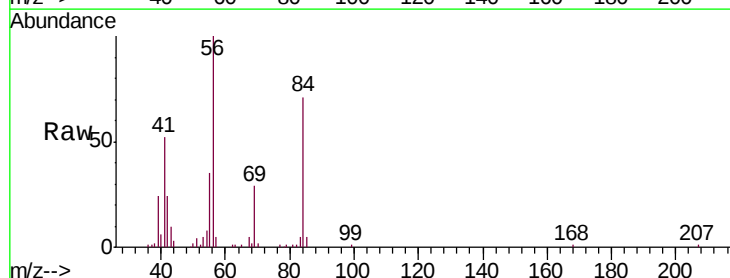
Tgt Ion: 56 Resp: 56872

Ion Ratio Lower Upper

56 100

69 27.8 22.5 33.7

84 74.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

30000

25000

20000

15000

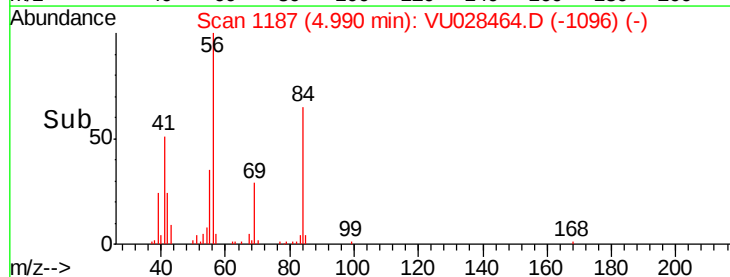
10000

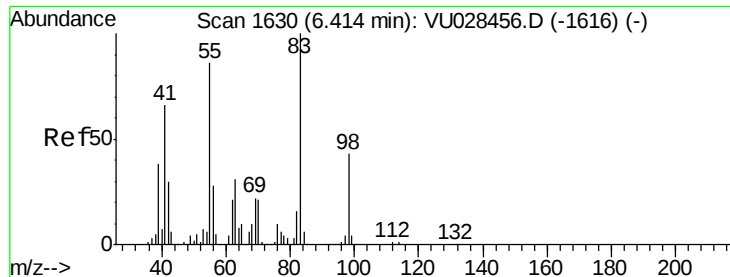
5000

0

Time--> 4.90 4.95 5.00 5.05

4.99

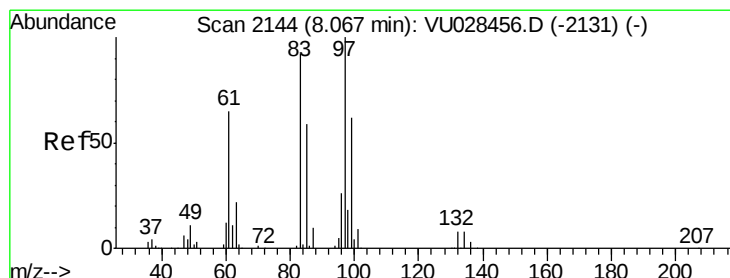
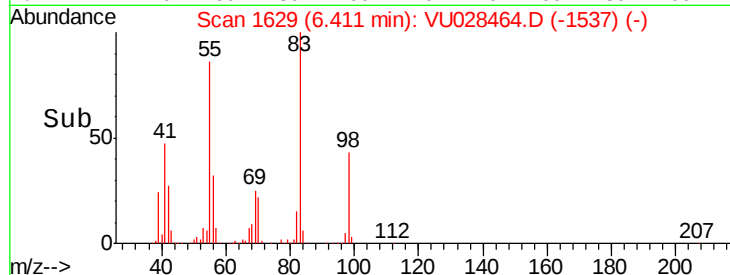
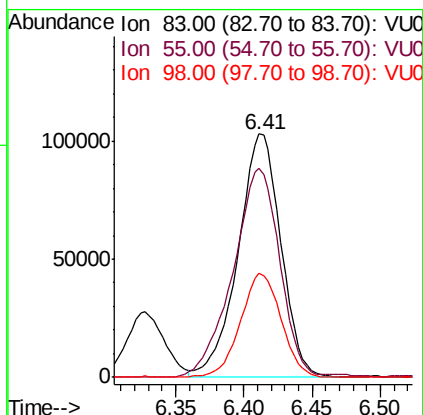
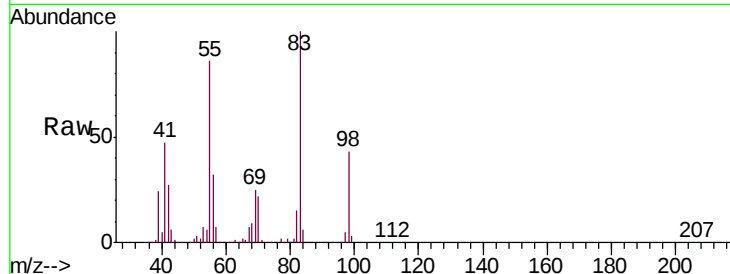




#35
Methylcyclohexane
Concen: 23.882 ug/L
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028464.D
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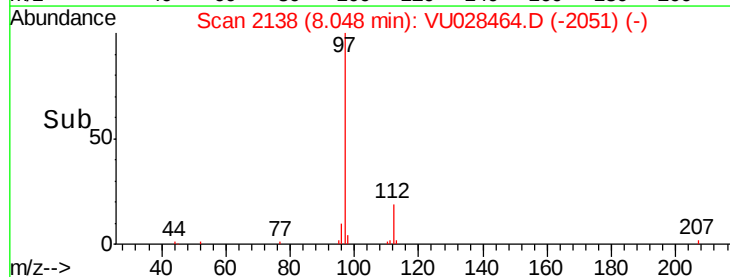
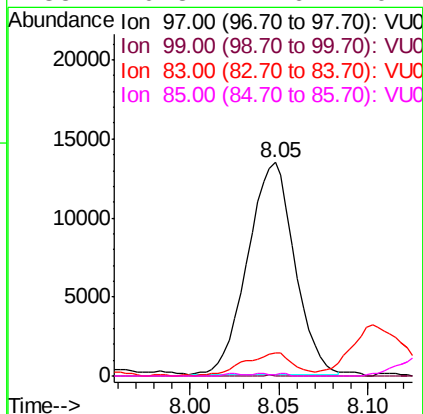
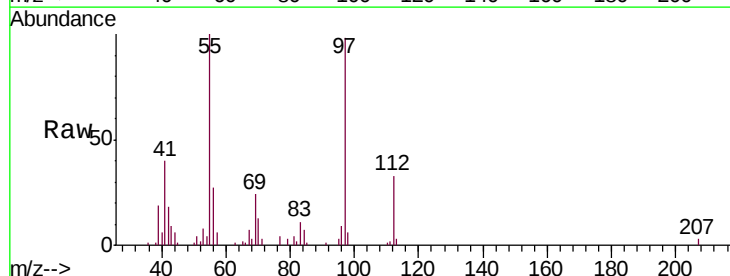
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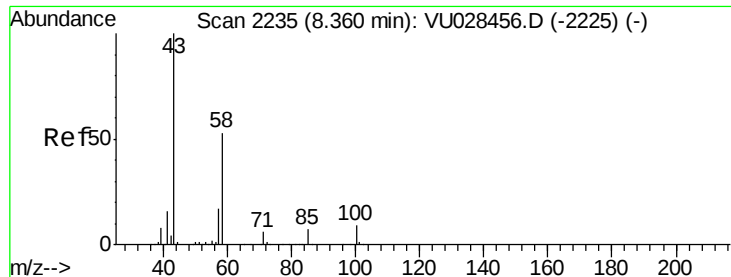
Tgt Ion: 83 Resp: 222986
Ion Ratio Lower Upper
83 100
55 94.7 70.5 105.7
98 41.1 34.6 52.0



#45
1,1,2-Trichloroethane
Concen: 4.727 ug/L
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU028464.D
Acq: 04 Dec 2018 13:48

Tgt Ion: 97 Resp: 24449
Ion Ratio Lower Upper
97 100
99 0.0 44.9 83.3#
83 11.0 65.1 120.9#
85 0.8 42.6 79.2#

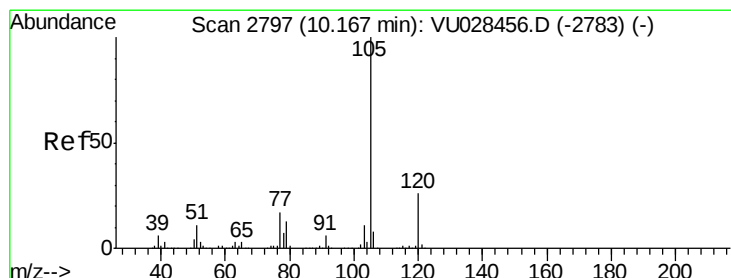
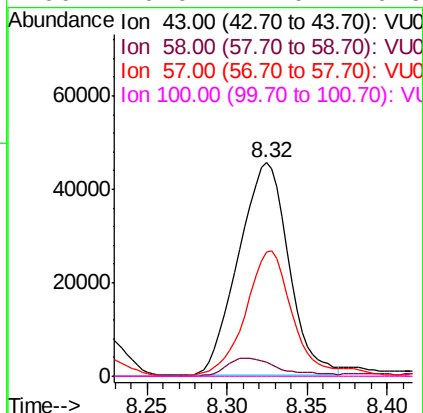
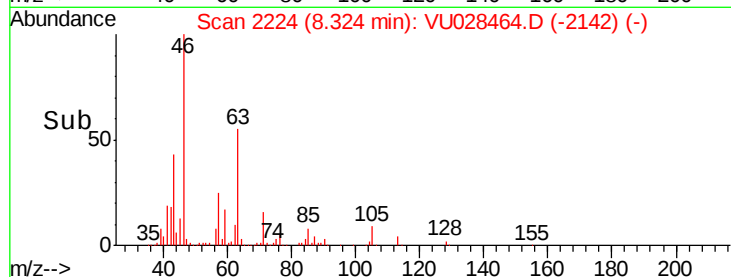
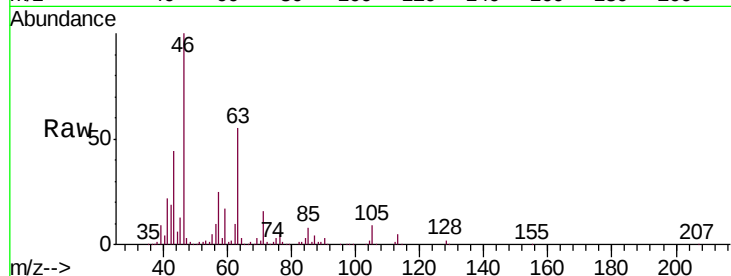




#48
2-Hexanone
Concen: 11.026 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028464.D
Acq: 04 Dec 2018 13:48

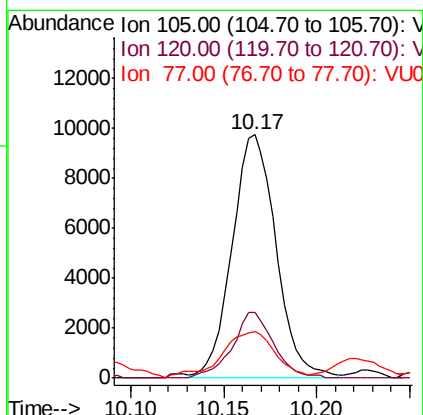
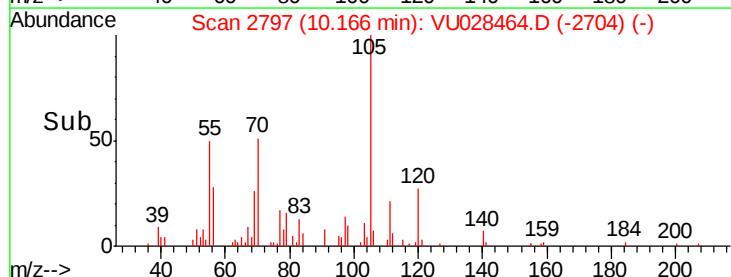
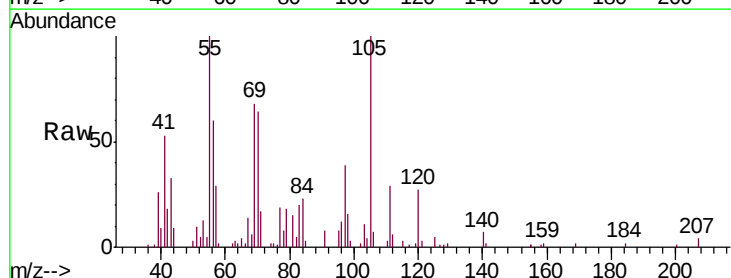
Instrument :
MSVOA_U
ClientSampleId :
F9Y14MEDL

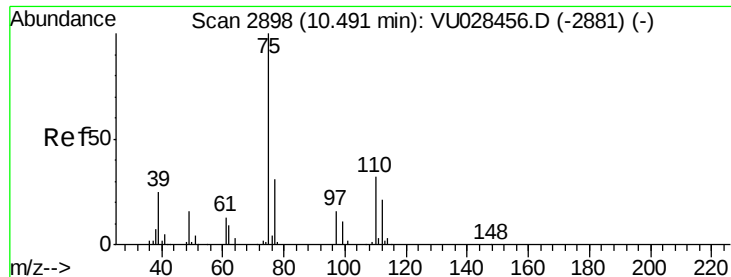
Tgt Ion: 43 Resp: 97441
Ion Ratio Lower Upper
43 100
58 9.0 41.4 62.0#
57 54.2 14.0 21.0#
100 0.0 7.0 10.6#



#56
Isopropylbenzene
Concen: 0.686 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU028464.D
Acq: 04 Dec 2018 13:48

Tgt Ion: 105 Resp: 16112
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 23.3 13.4 20.0#

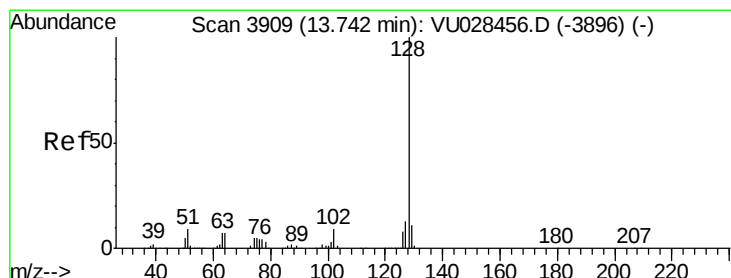
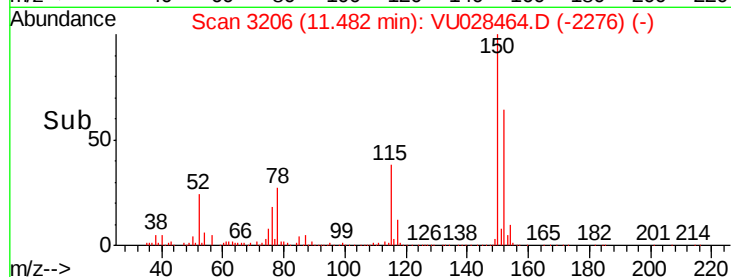
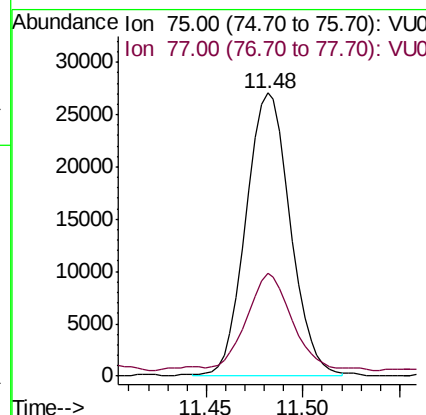
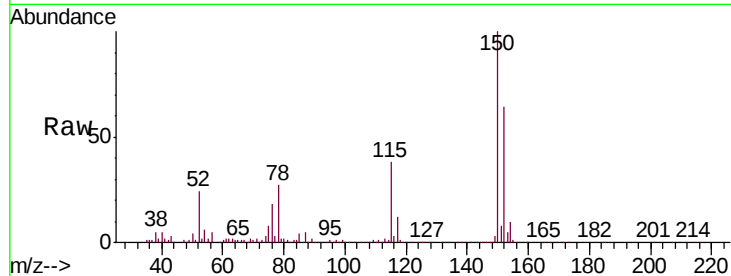




#59
 1,2,3-Trichloropropane
 Concen: 5.730 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028464.D
 Acq: 04 Dec 2018 13:48

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y14MEDL

Tgt Ion: 75 Resp: 43259
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.6 38.4



#69
 Naphthalene
 Concen: 1.083 ug/L
 RT: 13.74 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: VU028464.D
 Acq: 04 Dec 2018 13:48

Tgt Ion: 128 Resp: 27174
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.4 15.6
 129 15.2 8.6 12.8#

