

Data File : VU028465.D
Acq On : 04 Dec 2018 14:15
Operator : MD/SY
Sample : J6171-05ME RE
Misc : 6.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9Y09ME

Quant Time: Dec 05 03:14:34 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	696033	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	677682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361559	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	186003	29.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.74%#
7) Chloroethane-d5	1.70	69	588	0.12	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.24%#
11) 1,1-Dichloroethene-d2	2.24	63	268927	24.28	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.56%#
21) 2-Butanone-d5	4.19	46	370766	72.55	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.55%
24) Chloroform-d	4.64	84	346694	34.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.02%#
26) 1,2-Dichloroethane-d4	5.30	65	230634	33.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.42%#
32) Benzene-d6	5.33	84	731991	34.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.38%#
36) 1,2-Dichloropropane-d6	6.33	67	265527	34.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.76%#
41) Toluene-d8	7.56	98	674753	35.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.58%#
43) trans-1,3-Dichloropropene-	7.85	79	122153	35.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.08%
47) 2-Hexanone-d5	8.32	63	300443	81.72	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.72%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	395786	40.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	289036	39.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.50%#

Target Compounds

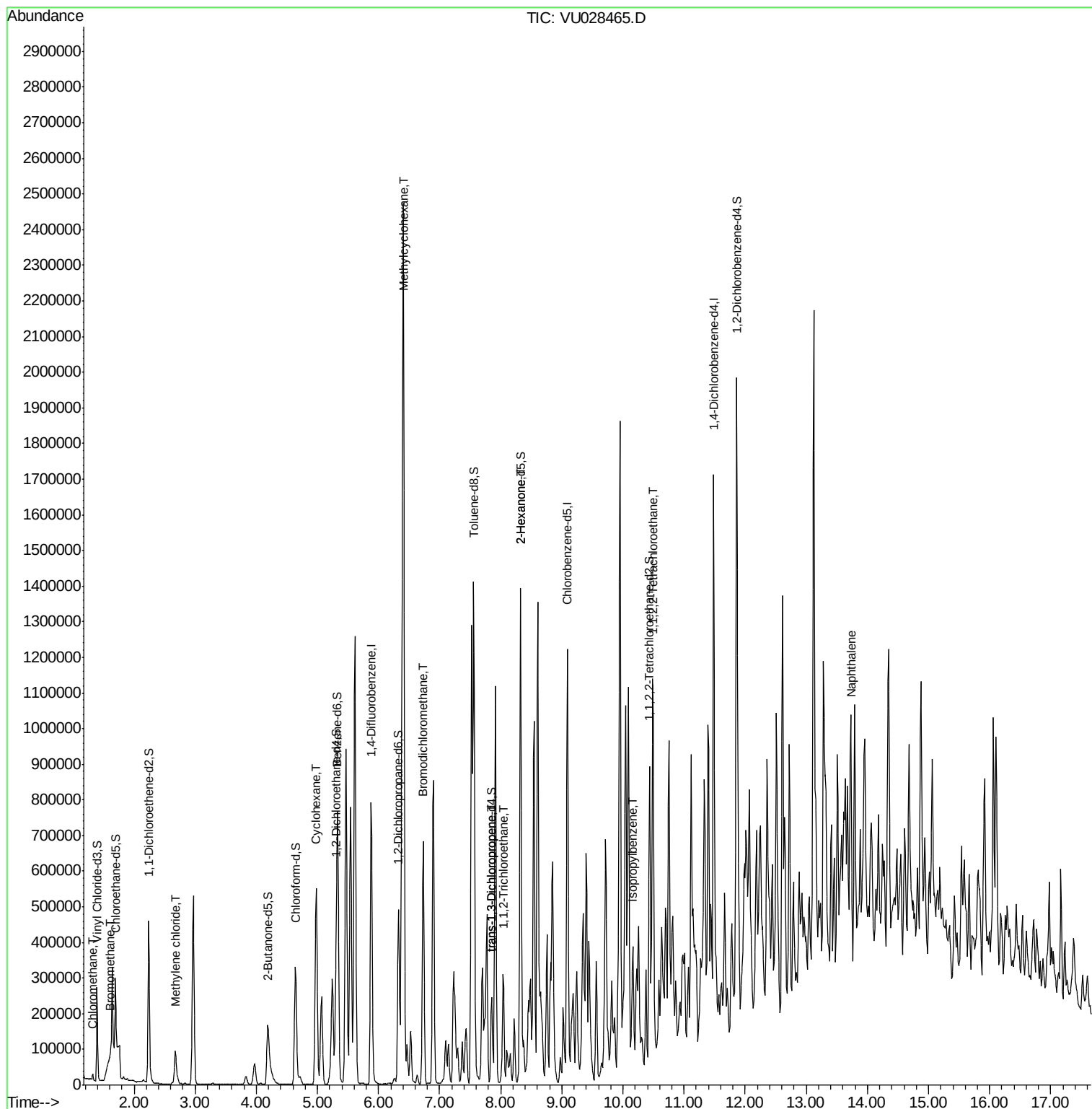
					Qvalue
3) Chloromethane	1.32	50	13315	1.481 ug/L	94
6) Bromomethane	1.60	94	2475	1.143 ug/L	85
16) Methylene chloride	2.68	84	5148	0.905 ug/L #	78
29) Cyclohexane	4.98	56	323356	29.401 ug/L	95
35) Methylcyclohexane	6.41	83	1066812	110.101 ug/L	92
38) Bromodichloromethane	6.73	83	16582	2.165 ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	4912	0.547 ug/L #	33
45) 1,1,2-Trichloroethane	8.04	97	113610	21.166 ug/L #	17
48) 2-Hexanone	8.32	43	303682	33.113 ug/L #	29
56) Isopropylbenzene	10.17	105	79333	3.253 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.49	83	85329	8.522 ug/L #	35
69) Naphthalene	13.74	128	44304	1.574 ug/L #	73

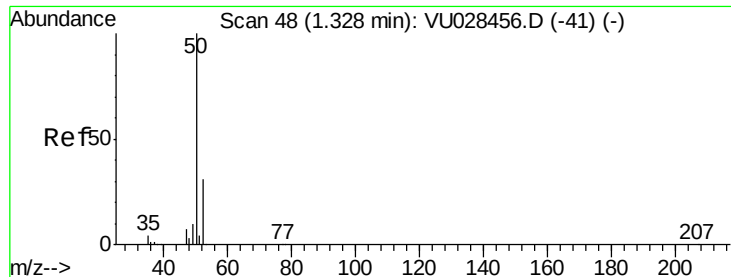
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.481 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028465.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

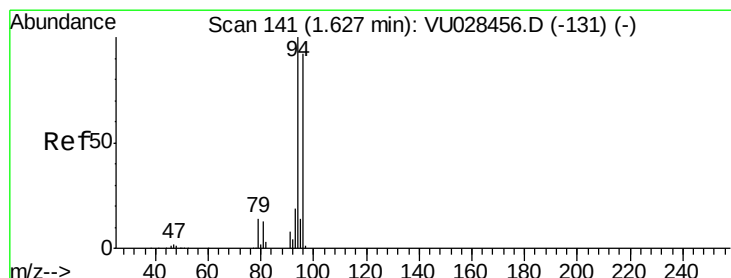
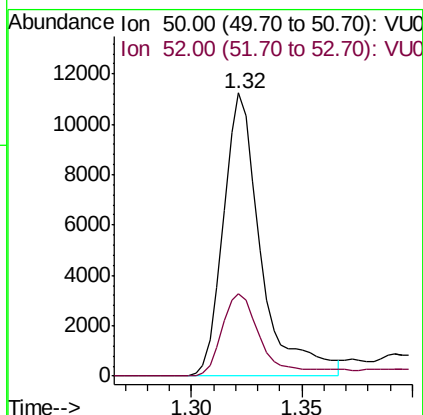
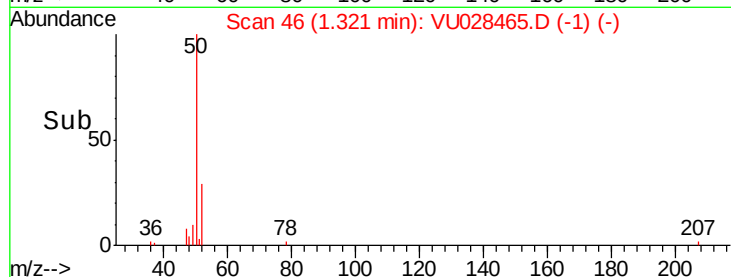
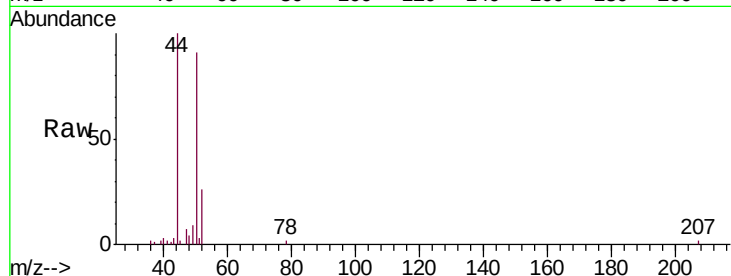
F9Y09ME

Tgt Ion: 50 Resp: 13315

Ion Ratio Lower Upper

50 100

52 29.1 22.6 42.0



#6

Bromomethane

Concen: 1.143 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.03 min

Lab File: VU028465.D

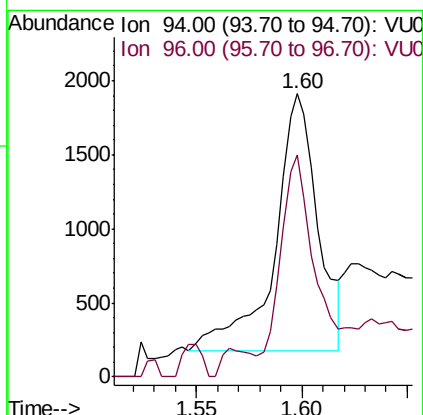
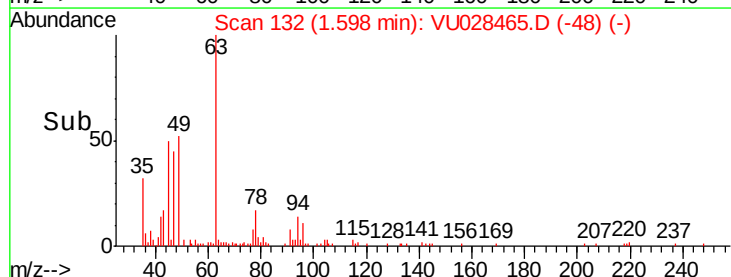
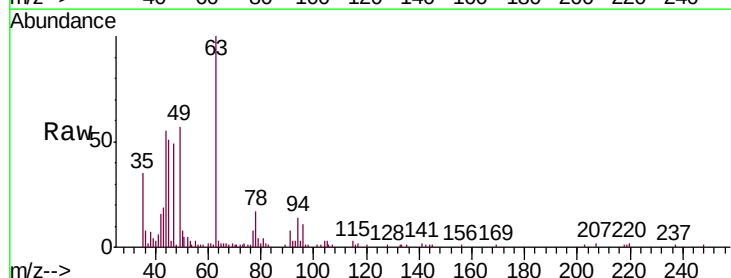
Acq: 04 Dec 2018 14:15

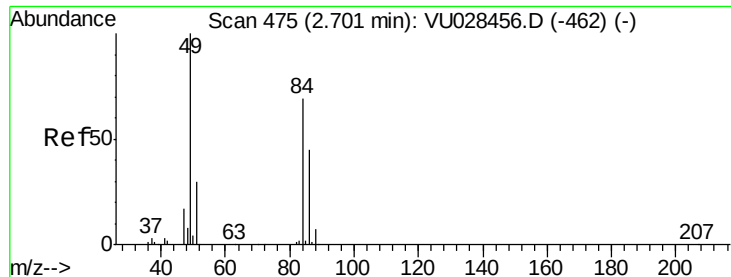
Tgt Ion: 94 Resp: 2475

Ion Ratio Lower Upper

94 100

96 78.2 64.5 119.9

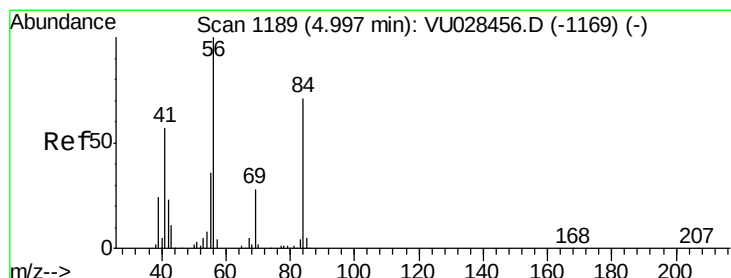
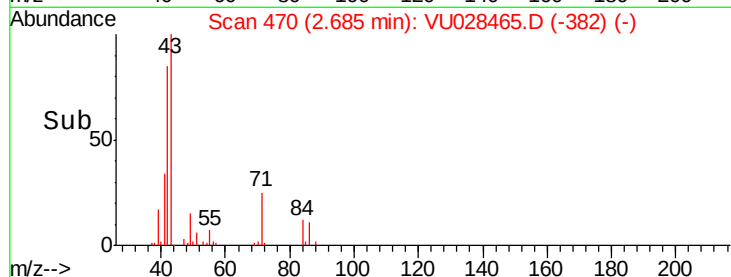
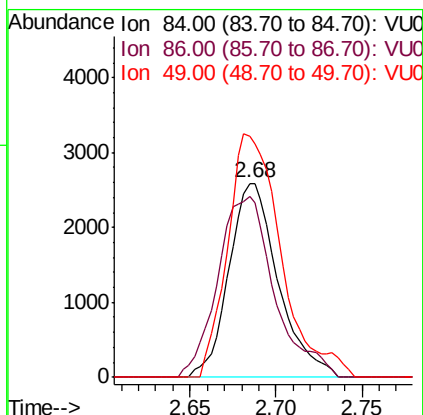
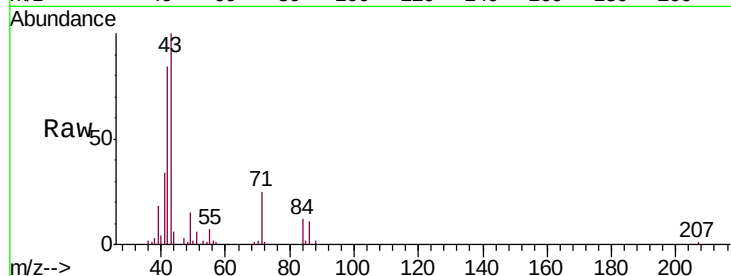




#16
Methylene chloride
Concen: 0.905 ug/L
RT: 2.68 min Scan# 470
Delta R.T. -0.02 min
Lab File: VU028465.D
Acq: 04 Dec 2018 14:15

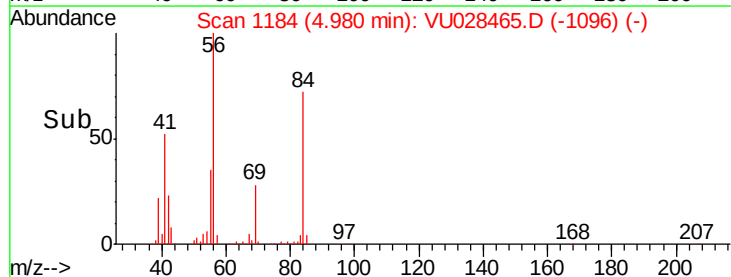
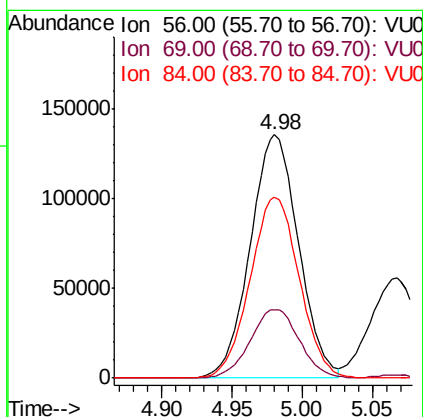
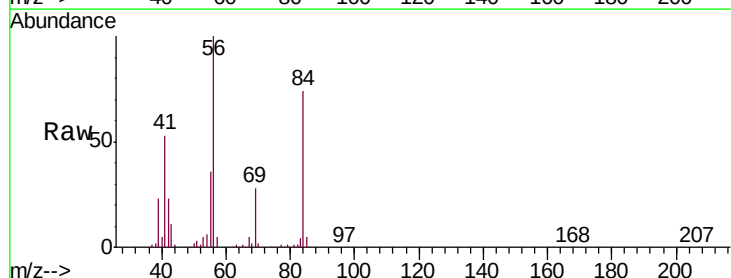
Instrument :
MSVOA_U
ClientSampleId :
F9Y09ME

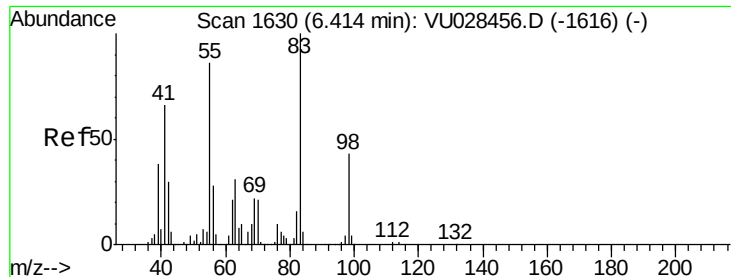
Tgt Ion: 84 Resp: 5148
Ion Ratio Lower Upper
84 100
86 93.1 45.6 84.8#
49 124.3 101.3 188.1



#29
Cyclohexane
Concen: 29.401 ug/L
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028465.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 56 Resp: 323356
Ion Ratio Lower Upper
56 100
69 28.8 22.5 33.7
84 76.2 56.6 85.0

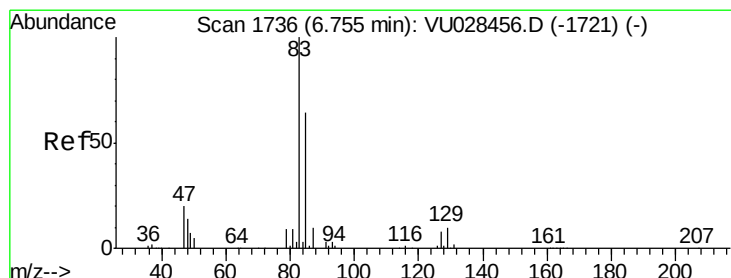
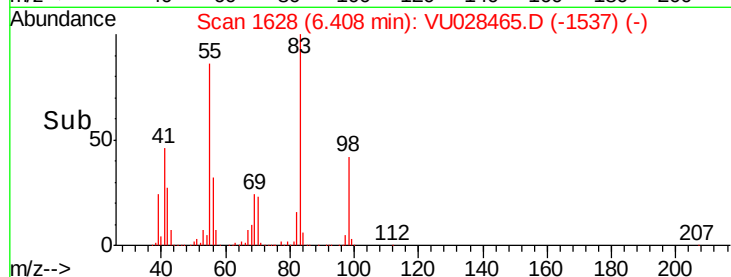
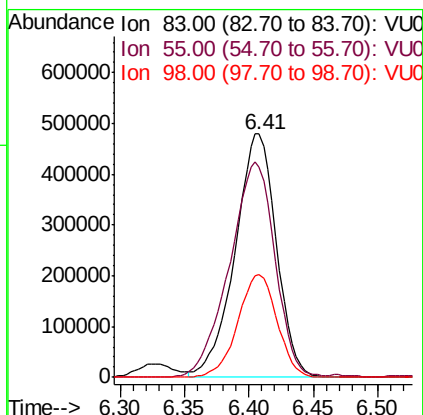
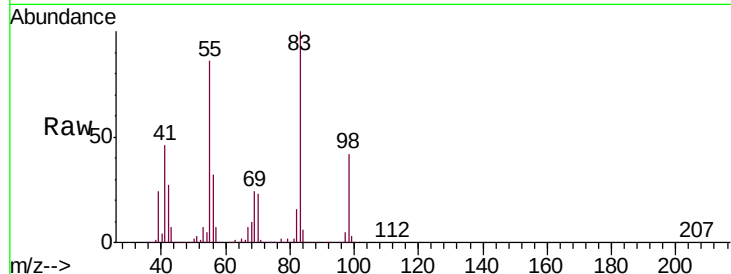




#35
Methylcyclohexane
Concen: 110.101 ug/L
RT: 6.41 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VU028465.D
Acq: 04 Dec 2018 14:15

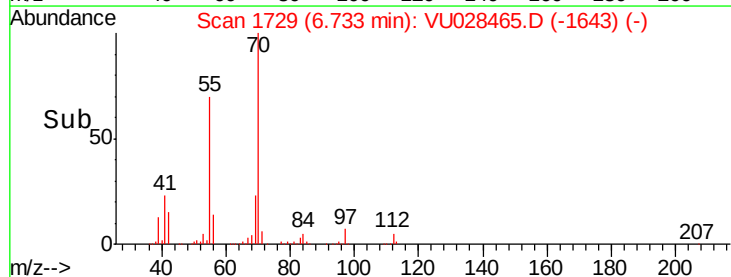
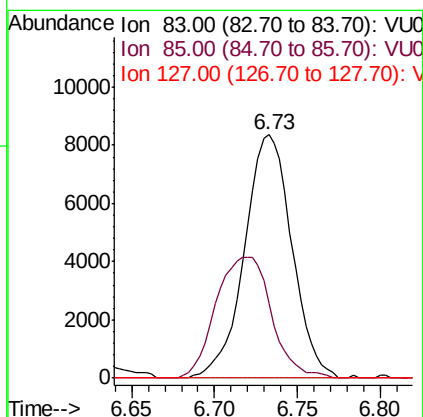
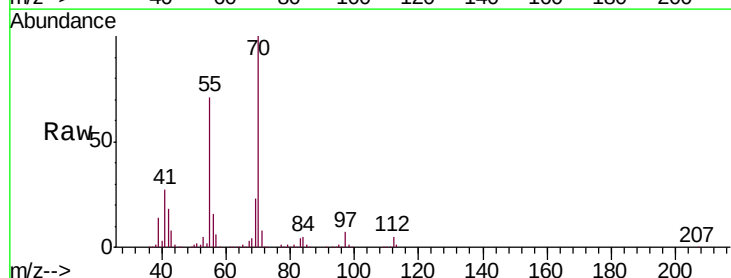
Instrument :
MSVOA_U
ClientSampleId :
F9Y09ME

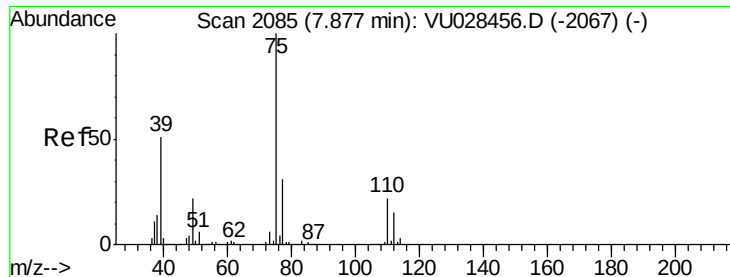
Tgt Ion: 83 Resp: 1066812
Ion Ratio Lower Upper
83 100
55 97.6 70.5 105.7
98 40.2 34.6 52.0



#38
Bromodichloromethane
Concen: 2.165 ug/L
RT: 6.73 min Scan# 1729
Delta R.T. -0.02 min
Lab File: VU028465.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 83 Resp: 16582
Ion Ratio Lower Upper
83 100
85 30.6 44.9 83.3#
127 0.0 6.0 9.0#





#44

trans-1,3-Dichloropropene

Concen: 0.547 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028465.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

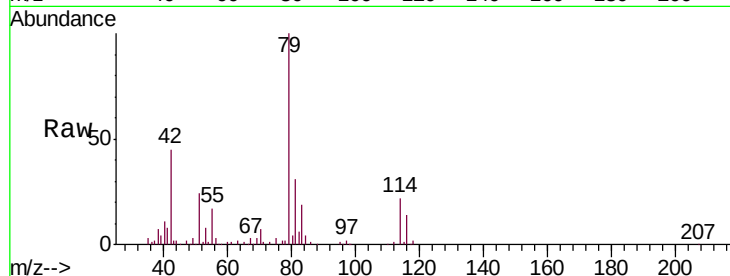
F9Y09ME

Tgt Ion: 75 Resp: 4912

Ion Ratio Lower Upper

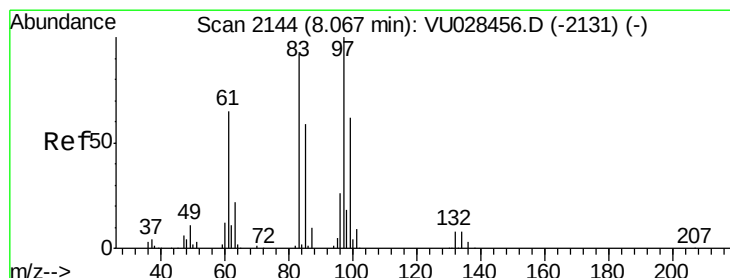
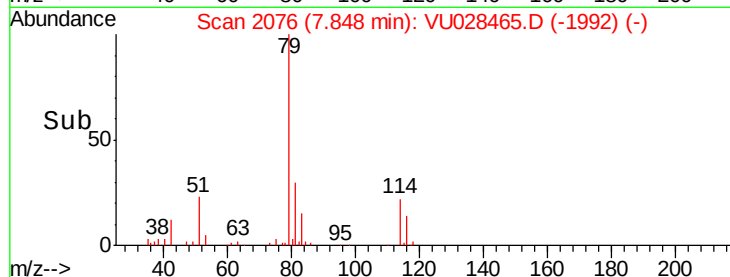
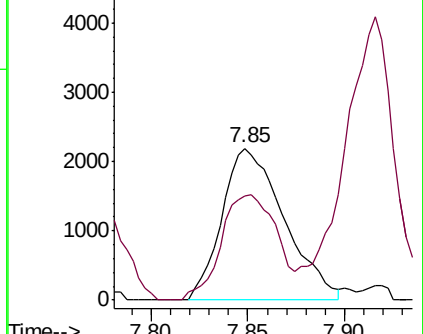
75 100

77 68.7 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU028465.D (-1992) (-)

Ion 77.00 (76.70 to 77.70): VU028465.D (-1992) (-)



#45

1,1,2-Trichloroethane

Concen: 21.166 ug/L

RT: 8.04 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VU028465.D

Acq: 04 Dec 2018 14:15

Tgt Ion: 97 Resp: 113610

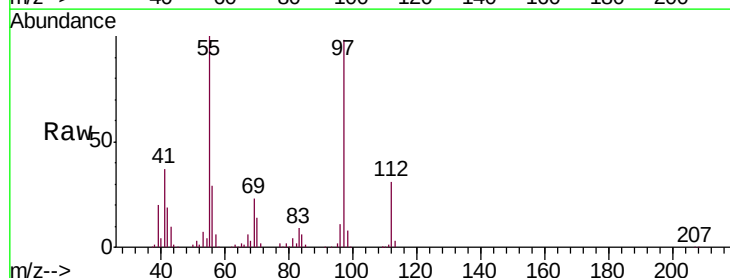
Ion Ratio Lower Upper

97 100

99 0.3 44.9 83.3#

83 9.5 65.1 120.9#

85 0.9 42.6 79.2#

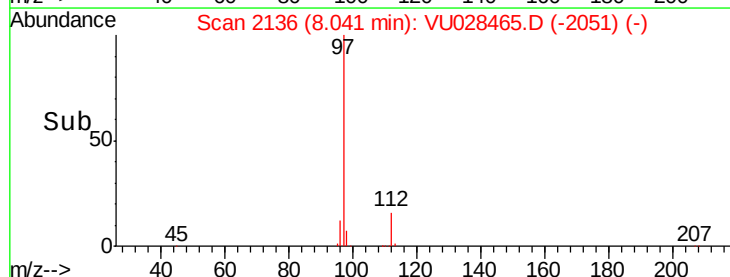
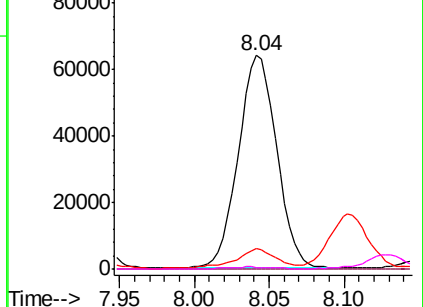


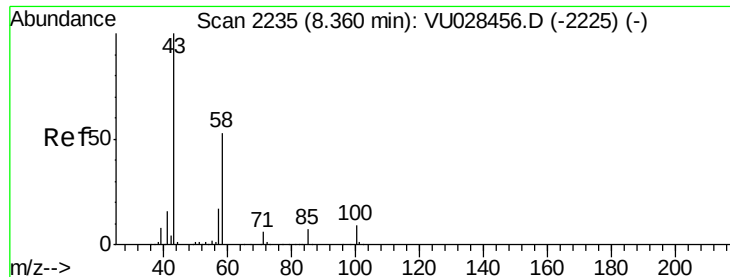
Abundance Ion 97.00 (96.70 to 97.70): VU028465.D (-2051) (-)

Ion 99.00 (98.70 to 99.70): VU028465.D (-2051) (-)

Ion 83.00 (82.70 to 83.70): VU028465.D (-2051) (-)

Ion 85.00 (84.70 to 85.70): VU028465.D (-2051) (-)

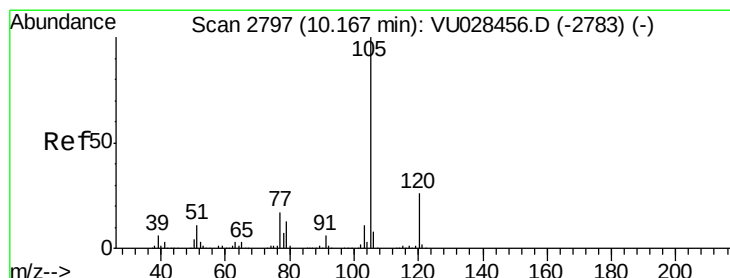
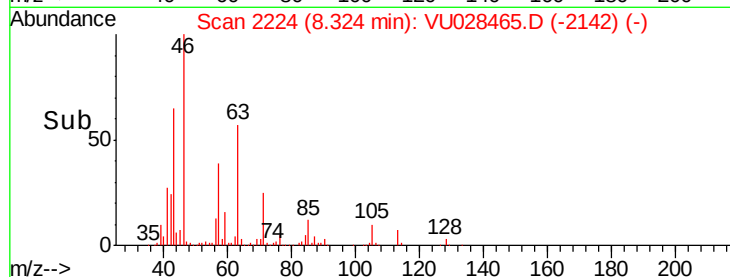
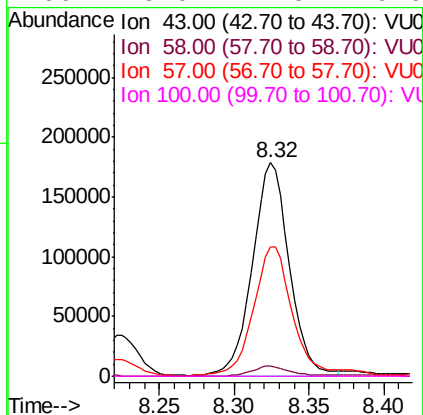
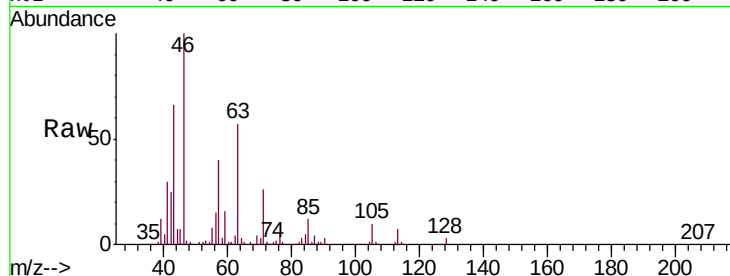




#48
2-Hexanone
Concen: 33.113 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028465.D
Acq: 04 Dec 2018 14:15

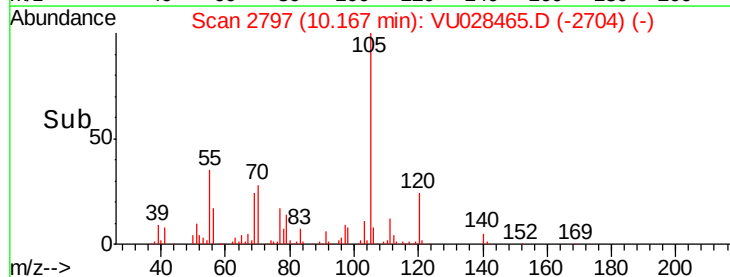
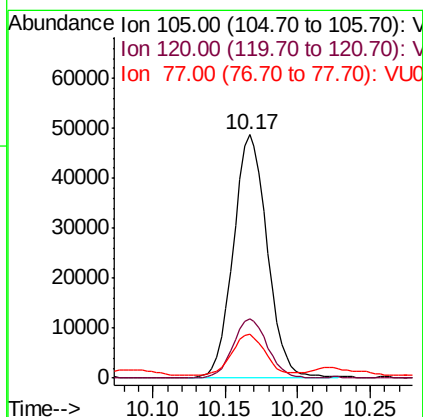
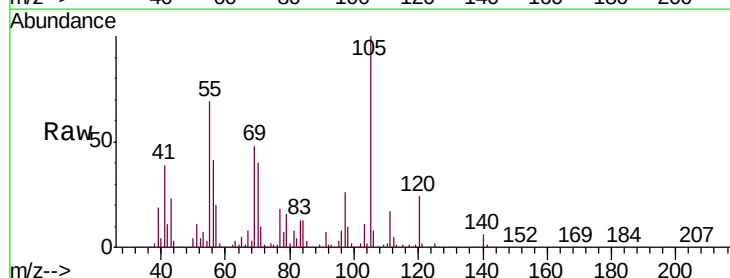
Instrument :
MSVOA_U
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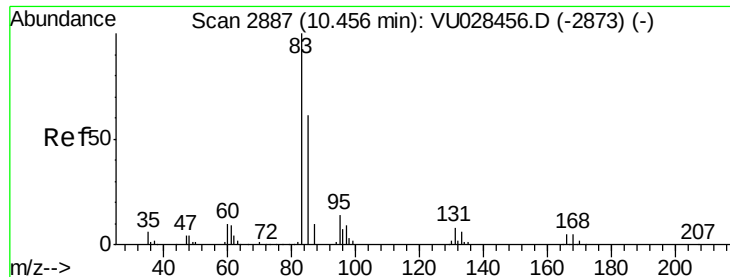
Tgt Ion: 43 Resp: 303682
Ion Ratio Lower Upper
43 100
58 5.1 41.4 62.0#
57 65.1 14.0 21.0#
100 0.0 7.0 10.6#



#56
Isopropylbenzene
Concen: 3.253 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU028465.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 105 Resp: 79333
Ion Ratio Lower Upper
105 100
120 24.6 20.1 30.1
77 16.2 13.4 20.0

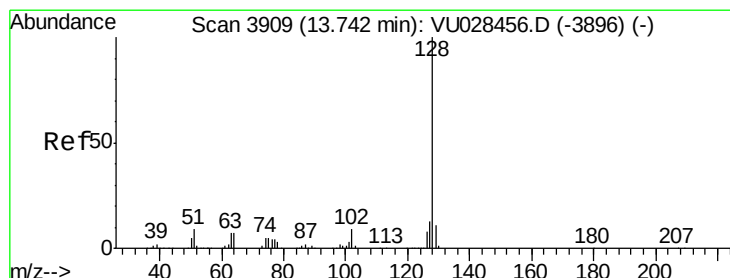
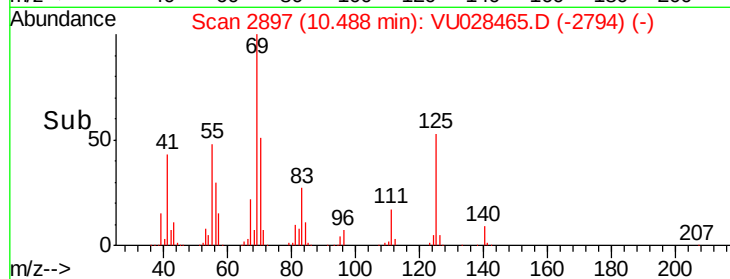
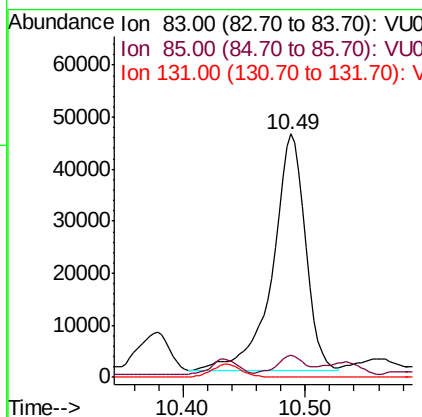
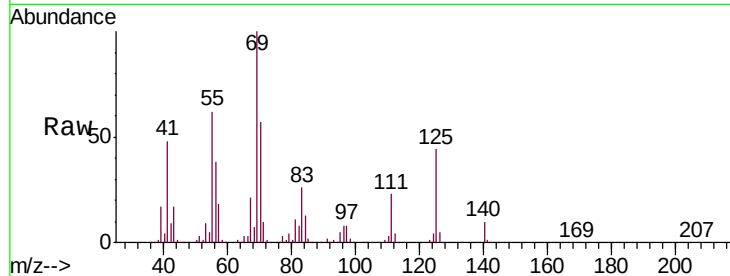




#58
 1,1,2,2-Tetrachloroethane
 Concen: 8.522 ug/L
 RT: 10.49 min Scan# 2897
 Delta R.T. 0.03 min
 Lab File: VU028465.D
 Acq: 04 Dec 2018 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y09ME

Tgt Ion: 83 Resp: 85329
 Ion Ratio Lower Upper
 83 100
 85 9.1 44.7 83.1#
 131 0.0 6.5 9.7#



#69
 Naphthalene
 Concen: 1.574 ug/L
 RT: 13.74 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: VU028465.D
 Acq: 04 Dec 2018 14:15

Tgt Ion: 128 Resp: 44304
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.4 15.6
 129 31.3 8.6 12.8#

