

Data File : VU034407.D
Acq On : 08 Sep 2019 02:41
Operator : JC/SP
Sample : K4685-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD81

Quant Time: Sep 08 03:49:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	263169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	123696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67490	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.68	69	63694	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.26	63	101957	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.17	46	199409	48.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	4.63	84	144017	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.29	65	74453	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.32	84	298209	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.31	67	98456	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.55	98	251109	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.83	79	30936	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.30	63	145713	42.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	81112	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	106979	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

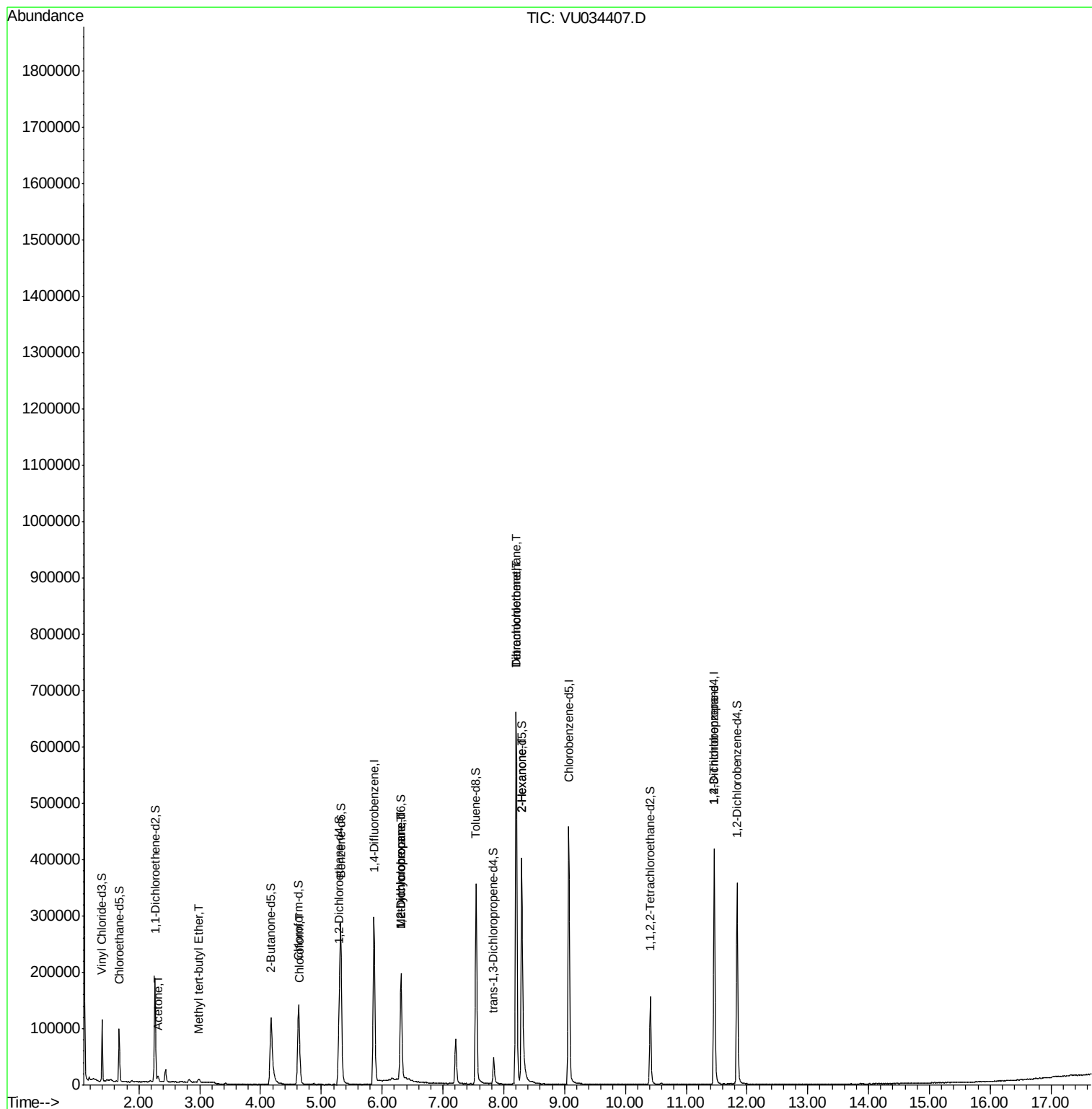
						Qvalue
13) Acetone	2.31	43	9956	3.632	ug/L	96
17) Methyl tert-butyl Ether	2.99	73	5377	0.132	ug/L #	92
25) Chloroform	4.65	83	8683	0.244	ug/L	100
35) Methylcyclohexane	6.31	83	22683	0.636	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	9975	0.464	ug/L #	89
47) Tetrachloroethene	8.21	164	161017	9.102	ug/L	97
48) 2-Hexanone	8.30	43	16420	1.975	ug/L #	79
49) Dibromochloromethane	8.21	129	147890	9.033	ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	12666	1.028	ug/L	96

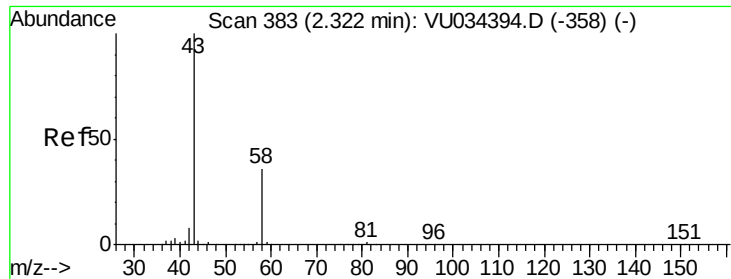
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.632 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034407.D

Acq: 08 Sep 2019 02:41

Instrument :

MSVOA_U

ClientSampleId :

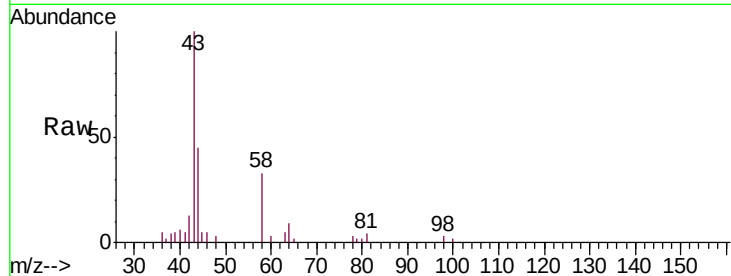
BFD81

Tgt Ion: 43 Resp: 9956

Ion Ratio Lower Upper

43 100

58 36.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034407.D (-290) (-)

Ion 58.05 (57.75 to 58.75): VU034407.D (-290) (-)

2.31

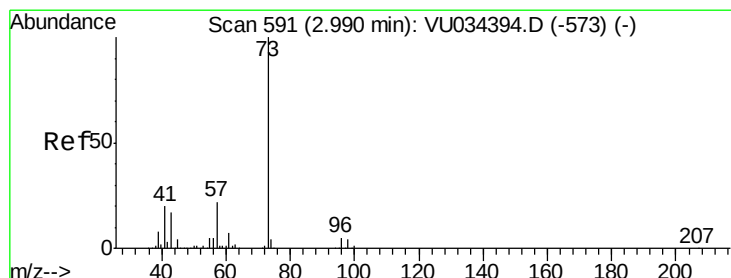
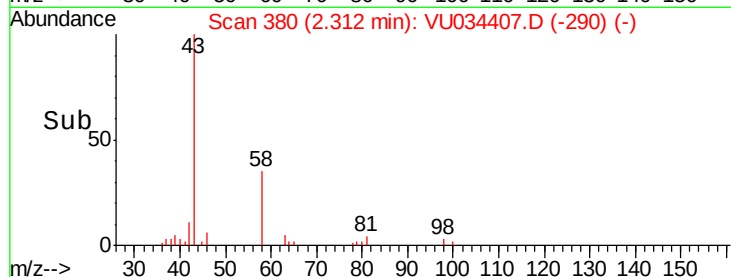
6000

4000

2000

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.132 ug/L

RT: 2.99 min Scan# 590

Delta R.T. -0.00 min

Lab File: VU034407.D

Acq: 08 Sep 2019 02:41

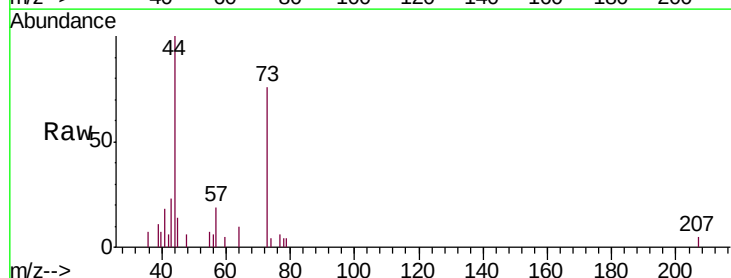
Tgt Ion: 73 Resp: 5377

Ion Ratio Lower Upper

73 100

43 25.4 14.7 22.1#

57 24.2 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VU034407.D (-498) (-)

Ion 43.05 (42.75 to 43.75): VU034407.D (-498) (-)

Ion 57.10 (56.80 to 57.80): VU034407.D (-498) (-)

2.99

3000

2500

2000

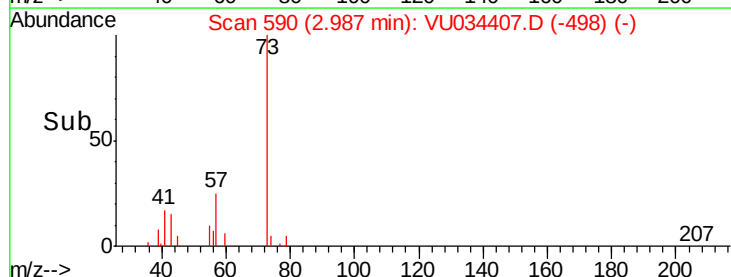
1500

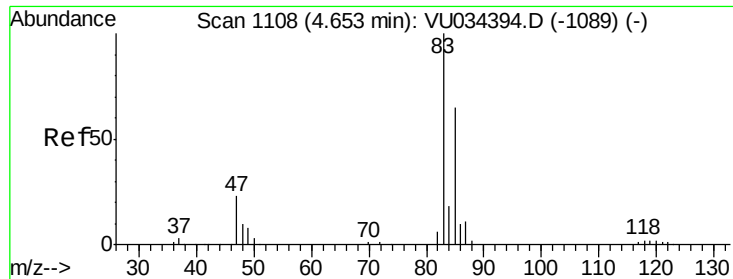
1000

500

0

Time-->

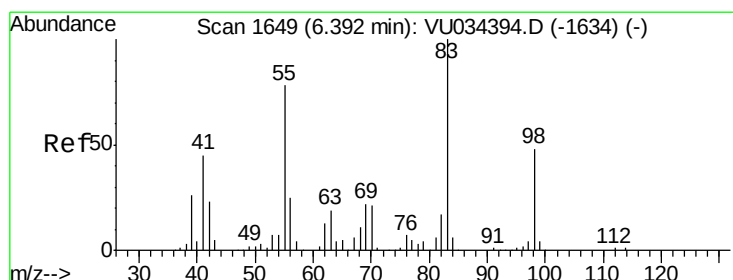
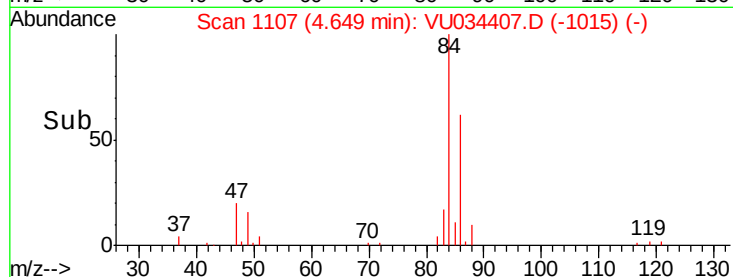
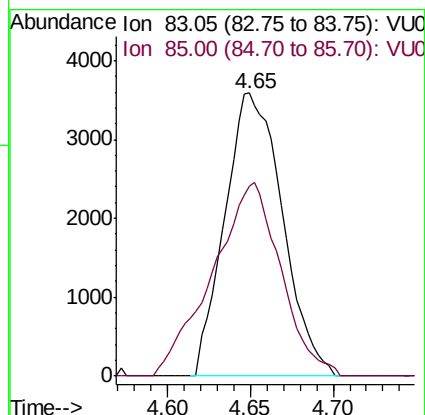
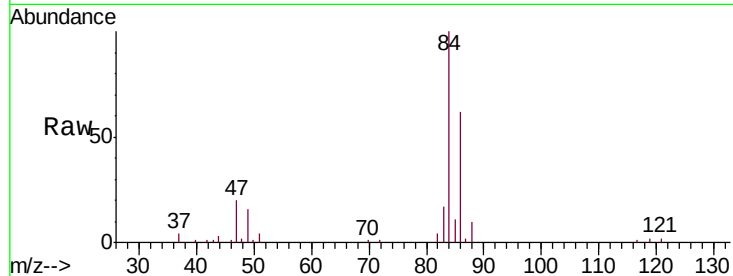




#25
Chloroform
Concen: 0.244 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034407.D
Acq: 08 Sep 2019 02:41

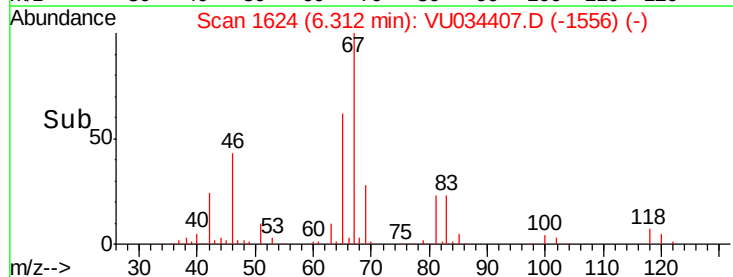
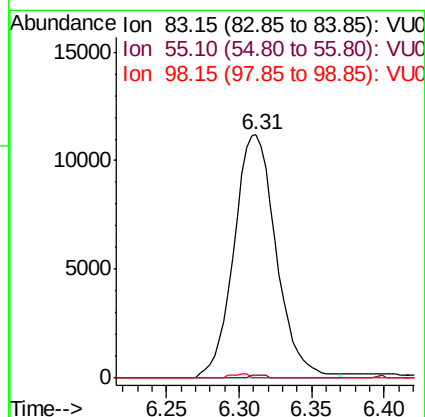
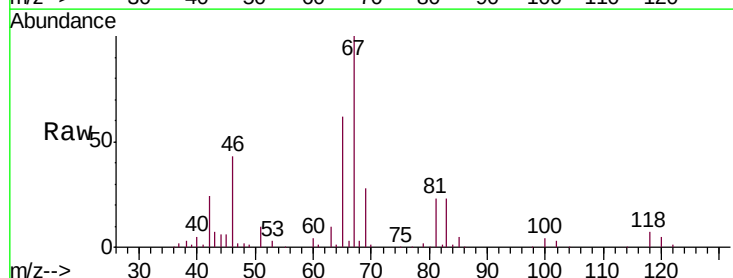
Instrument :
MSVOA_U
ClientSampleId :
BFD81

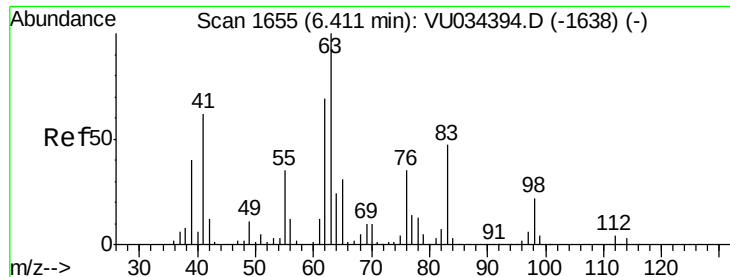
Tgt Ion: 83 Resp: 8683
Ion Ratio Lower Upper
83 100
85 67.0 46.8 86.8



#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034407.D
Acq: 08 Sep 2019 02:41

Tgt Ion: 83 Resp: 22683
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 0.6 36.2 54.2#

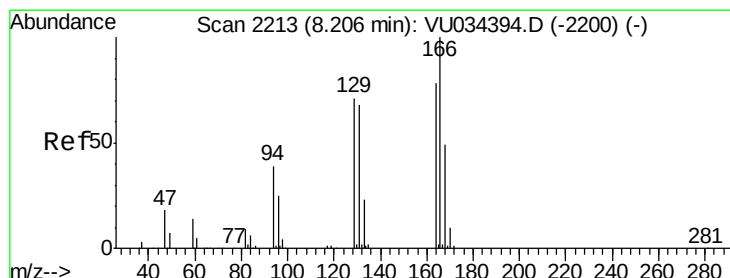
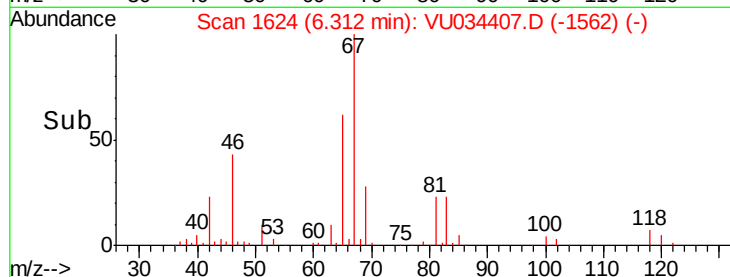
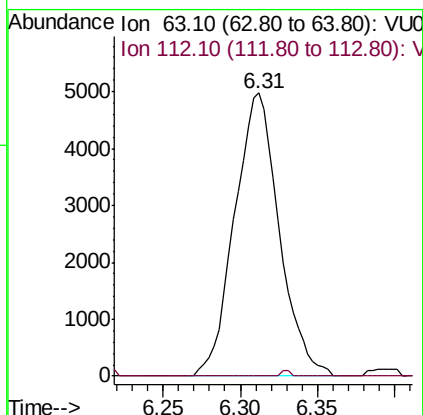
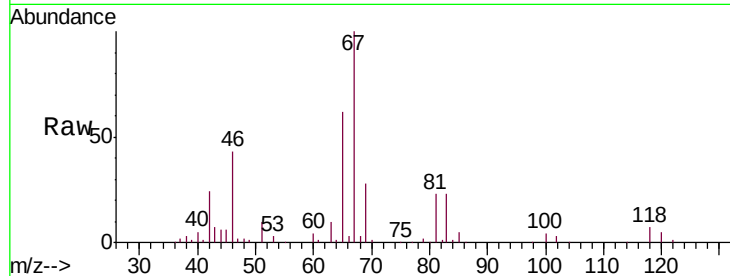




#37
 1,2-Dichloropropane
 Concen: 0.464 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034407.D
 Acq: 08 Sep 2019 02:41

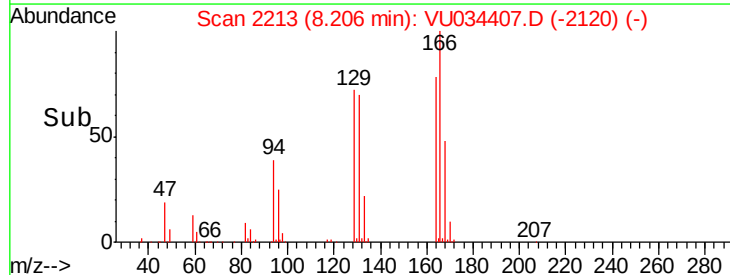
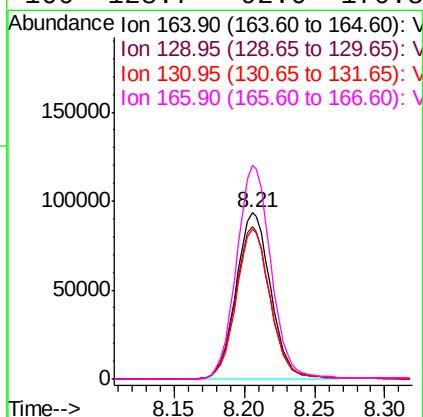
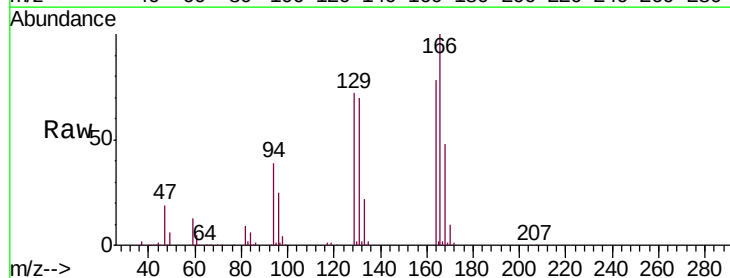
Instrument :
 MSVOA_U
 ClientSampled :
 BFD81

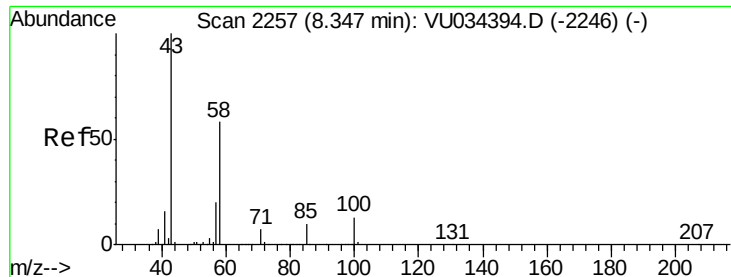
Tgt Ion: 63 Resp: 9975
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 9.102 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034407.D
 Acq: 08 Sep 2019 02:41

Tgt Ion: 164 Resp: 161017
 Ion Ratio Lower Upper
 164 100
 129 92.1 68.0 126.2
 131 90.2 64.6 120.0
 166 128.7 92.0 170.8

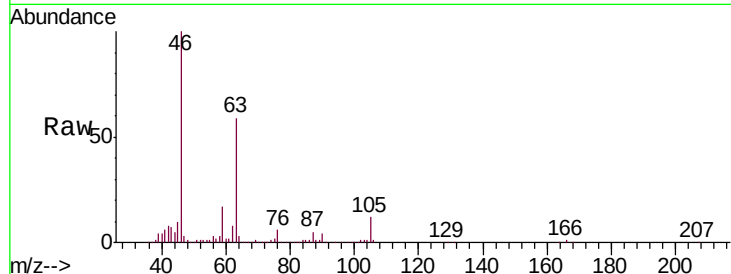




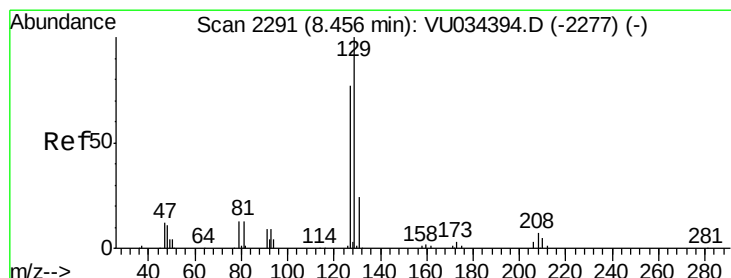
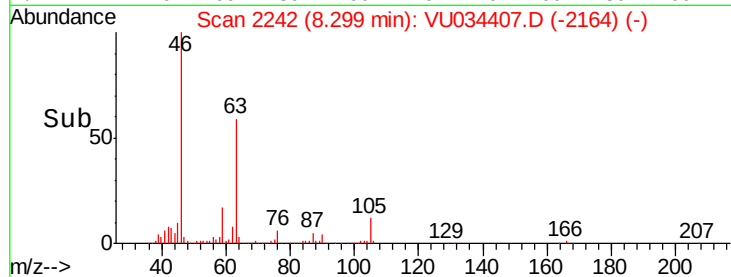
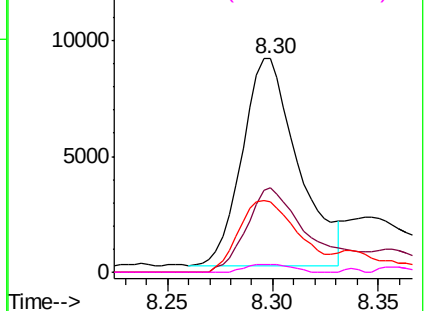
#48
2-Hexanone
Concen: 1.975 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.05 min
Lab File: VU034407.D
Acq: 08 Sep 2019 02:41

Instrument :
MSVOA_U
ClientSampleId :
BFD81

Tgt Ion: 43 Resp: 16420
Ion Ratio Lower Upper
43 100
58 46.2 44.9 67.3
57 37.1 15.0 22.6#
100 3.3 9.2 13.8#

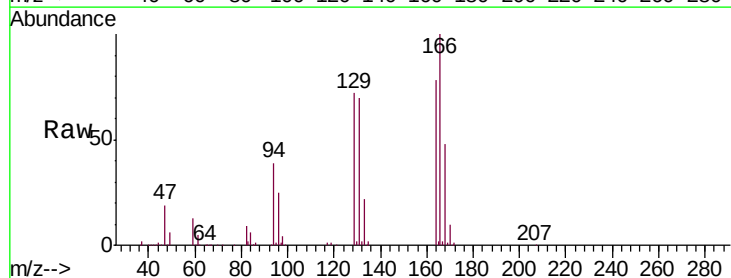


Abundance Ion 43.05 (42.75 to 43.75): VU034407.D (-2164) (-)
Ion 58.05 (57.75 to 58.75): VU034407.D (-2164) (-)
Ion 57.20 (56.90 to 57.90): VU034407.D (-2164) (-)
Ion 100.15 (99.85 to 100.85): VU034407.D (-2164) (-)

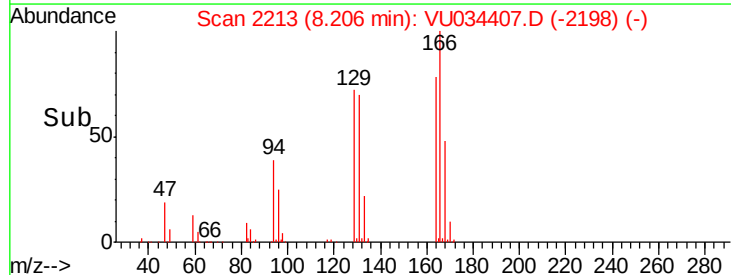
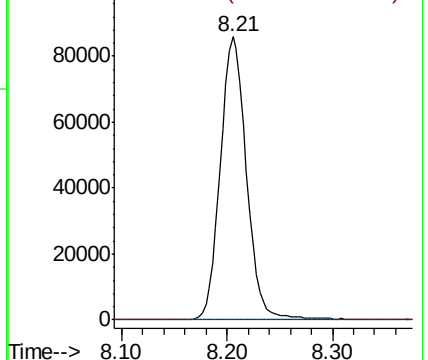


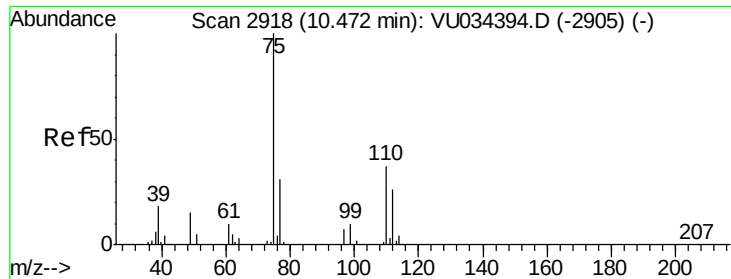
#49
Dibromochloromethane
Concen: 9.033 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034407.D
Acq: 08 Sep 2019 02:41

Tgt Ion: 129 Resp: 147890
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#



Abundance Ion 128.95 (128.65 to 129.65): VU034407.D (-2198) (-)
Ion 126.90 (126.60 to 127.60): VU034407.D (-2198) (-)





#59

1,2,3-Trichloropropane

Concen: 1.028 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034407.D

Acq: 08 Sep 2019 02:41

Instrument :

MSVOA_U

ClientSampleId :

BFD81

Tgt Ion: 75 Resp: 12666

Ion Ratio Lower Upper

75 100

77 34.9 26.0 39.0

