

Data File : VU028958.D
Acq On : 27 Dec 2018 10:44
Operator : MD/SY
Sample : J6506-10ME
Misc : 5.98g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF050ME

Quant Time: Dec 28 00:50:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 00:46:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	310841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	302155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75366	30.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.48%
7) Chloroethane-d5	1.64	69	41382	21.50	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.00%#
11) 1,1-Dichloroethene-d2	2.23	63	118521	28.28	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.56%#
21) 2-Butanone-d5	4.19	46	148883	85.27	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.27%
24) Chloroform-d	4.64	84	164667	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	5.30	65	104693	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
32) Benzene-d6	5.33	84	353682	41.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.86%
36) 1,2-Dichloropropane-d6	6.32	67	119906	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.70%
41) Toluene-d8	7.56	98	333742	43.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.28%
43) trans-1,3-Dichloropropene-	7.85	79	57904	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.32	63	137360	99.73	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.73%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	196964	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	147320	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%

Target Compounds

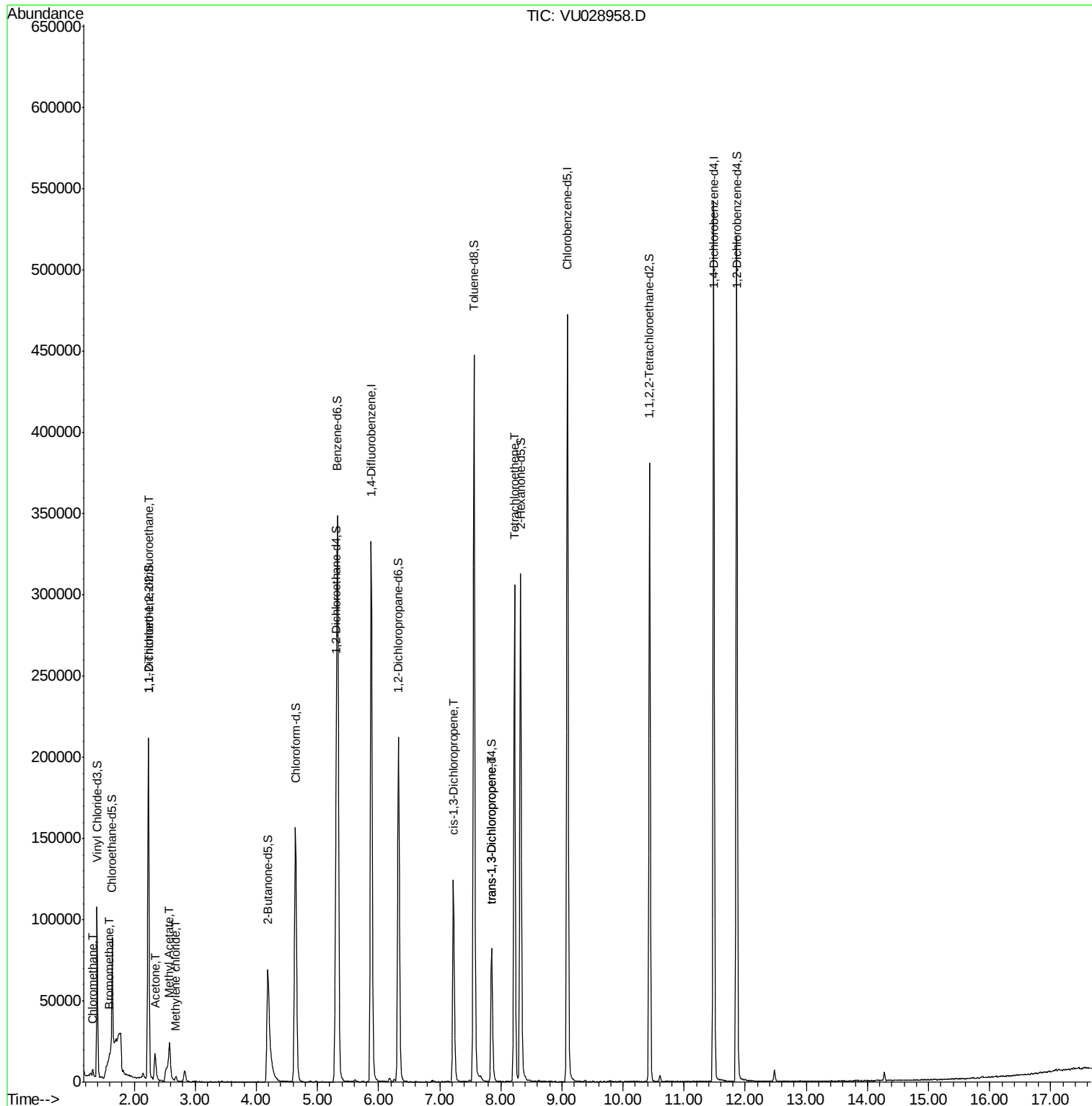
					Qvalue
3) Chloromethane	1.32	50	3319	0.963 ug/L	98
6) Bromomethane	1.60	94	749	0.578 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	1254	0.622 ug/L #	20
13) Acetone	2.34	43	23466	13.188 ug/L	100
15) Methyl Acetate	2.58	43	4328	1.560 ug/L #	63
16) Methylene chloride	2.68	84	1483	0.603 ug/L	86
39) cis-1,3-Dichloropropene	7.22	75	2641	0.689 ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	2113	0.618 ug/L	94
46) Tetrachloroethene	8.22	164	75033	41.950 ug/L	96

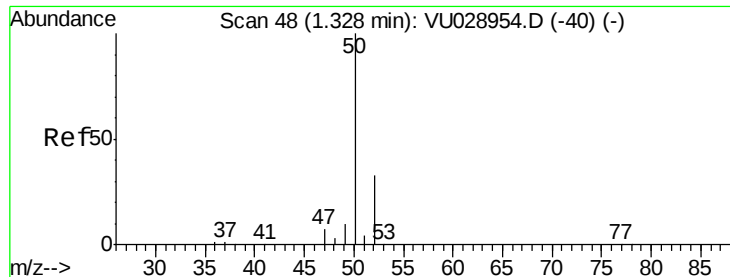
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.963 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028958.D

Acq: 27 Dec 2018 10:44

Instrument :

MSVOA_U

ClientSampleId :

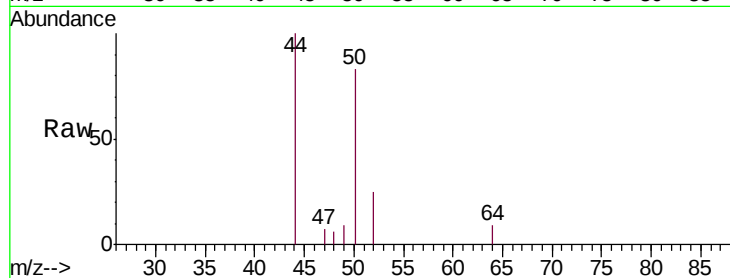
BF050ME

Tgt Ion: 50 Resp: 3319

Ion Ratio Lower Upper

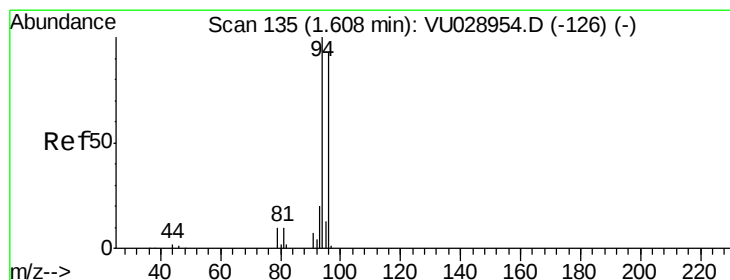
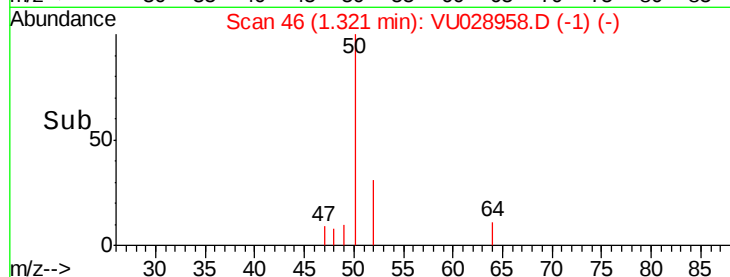
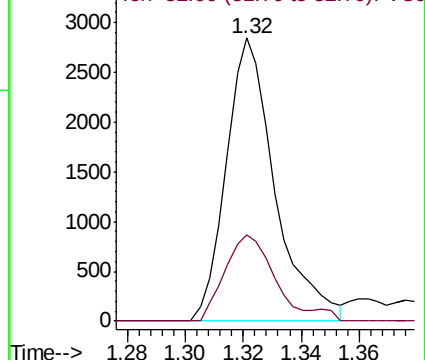
50 100

52 30.6 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 0.578 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU028958.D

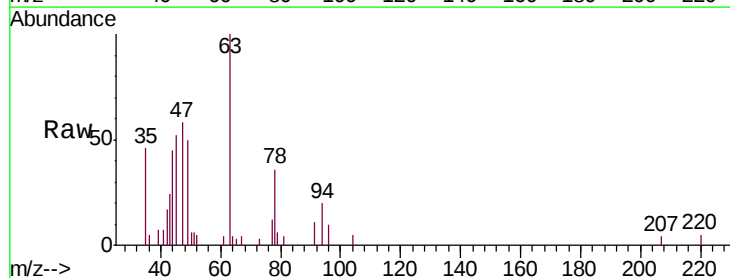
Acq: 27 Dec 2018 10:44

Tgt Ion: 94 Resp: 749

Ion Ratio Lower Upper

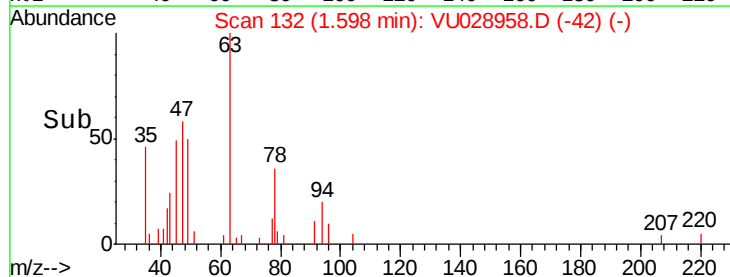
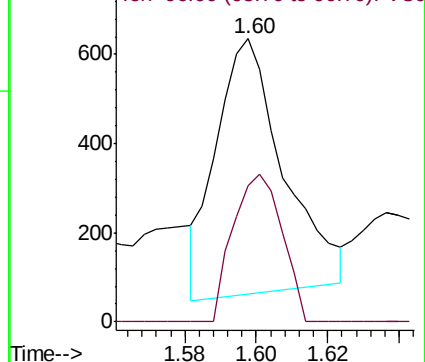
94 100

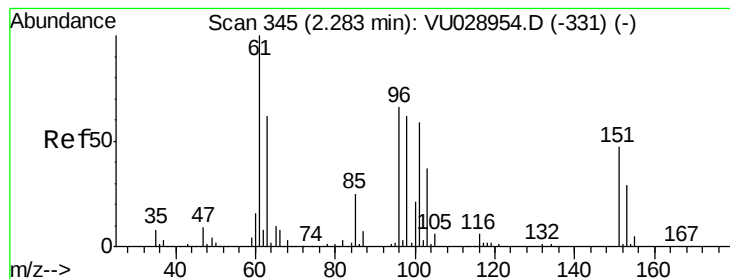
96 48.0 67.3 125.1#



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.622 ug/L

RT: 2.23 min Scan# 330

Delta R.T. -0.05 min

Lab File: VU028958.D

Acq: 27 Dec 2018 10:44

Instrument :

MSVOA_U

ClientSampleId :

BF050ME

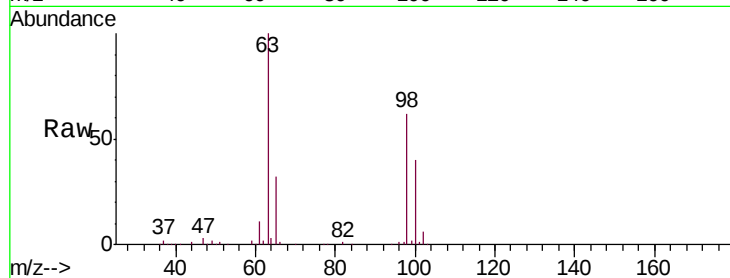
Tgt Ion:101 Resp: 1254

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

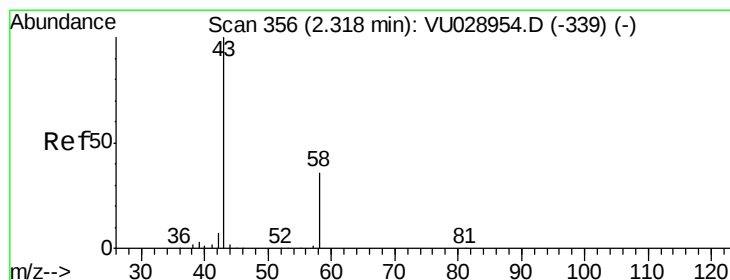
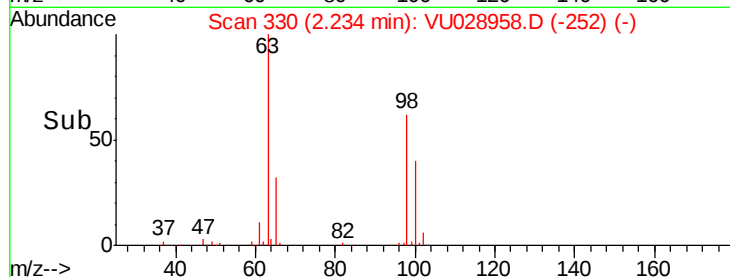
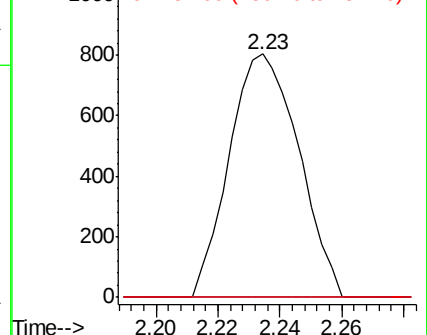
151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 13.188 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.03 min

Lab File: VU028958.D

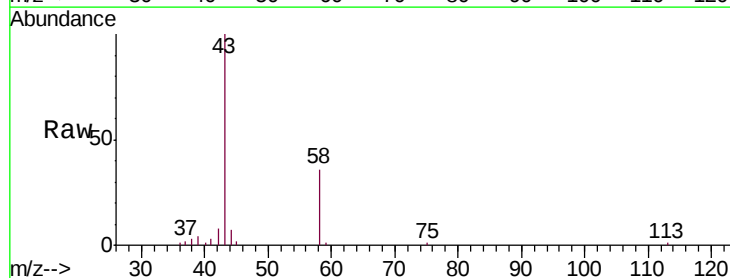
Acq: 27 Dec 2018 10:44

Tgt Ion: 43 Resp: 23466

Ion Ratio Lower Upper

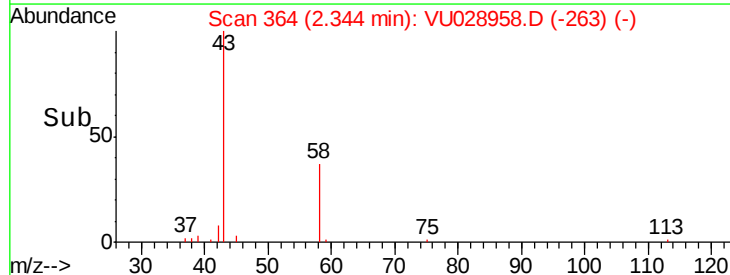
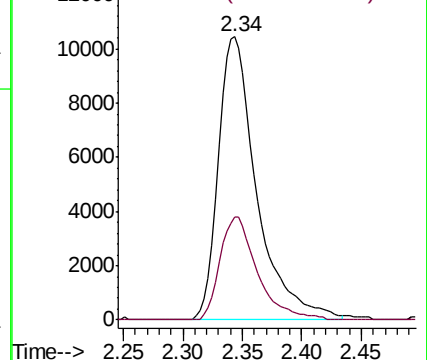
43 100

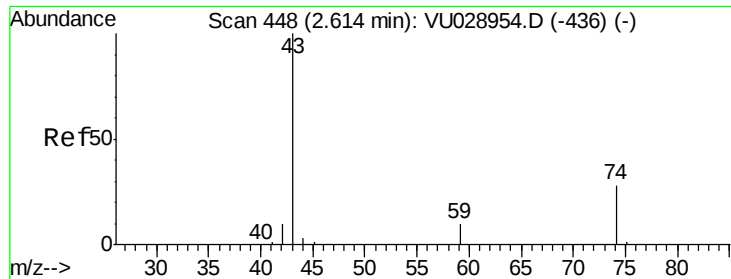
58 35.3 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#15

Methyl Acetate

Concen: 1.560 ug/L

RT: 2.58 min Scan# 438

Delta R.T. -0.03 min

Lab File: VU028958.D

Acq: 27 Dec 2018 10:44

Instrument :

MSVOA_U

ClientSampleId :

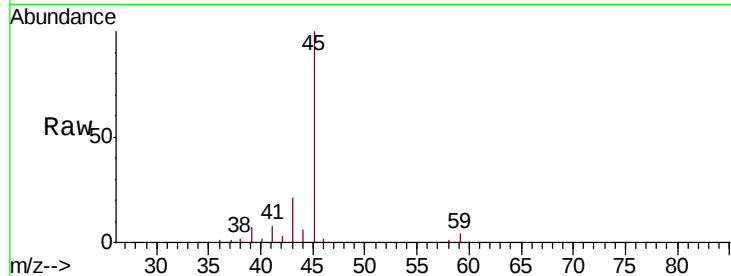
BF050ME

Tgt Ion: 43 Resp: 4328

Ion Ratio Lower Upper

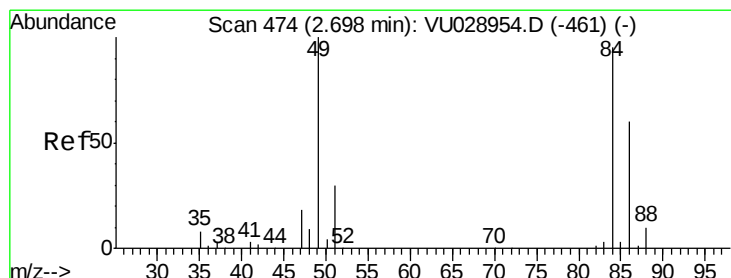
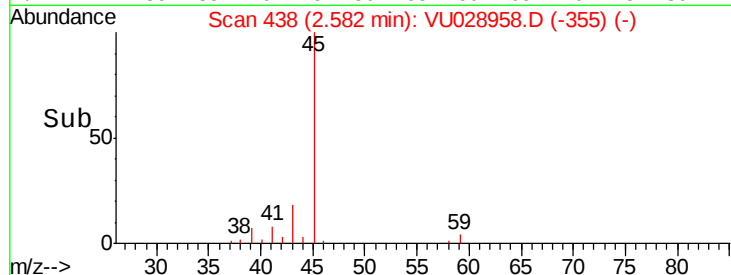
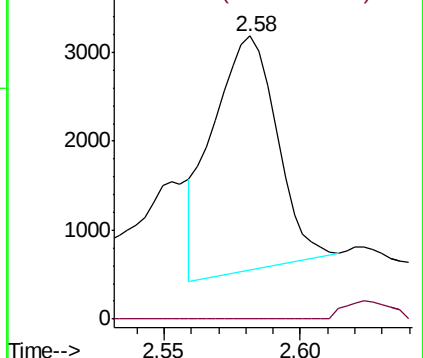
43 100

74 5.5 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#16

Methylene chloride

Concen: 0.603 ug/L

RT: 2.68 min Scan# 470

Delta R.T. -0.01 min

Lab File: VU028958.D

Acq: 27 Dec 2018 10:44

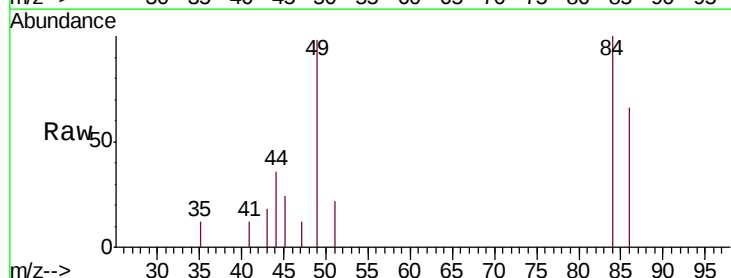
Tgt Ion: 84 Resp: 1483

Ion Ratio Lower Upper

84 100

86 66.2 44.9 83.3

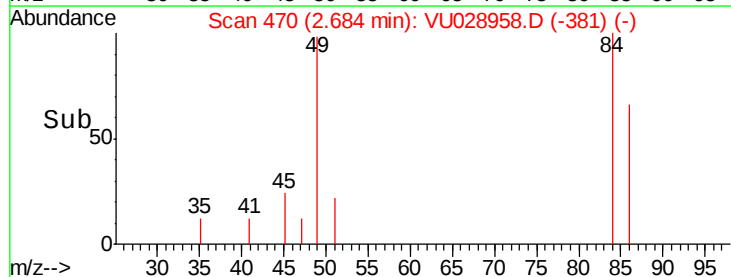
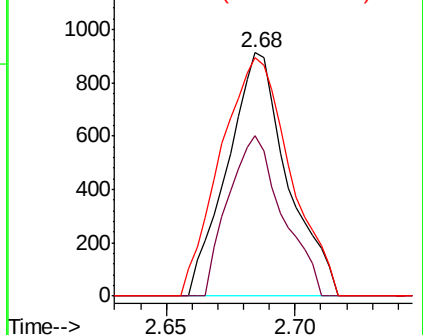
49 98.0 83.9 155.7

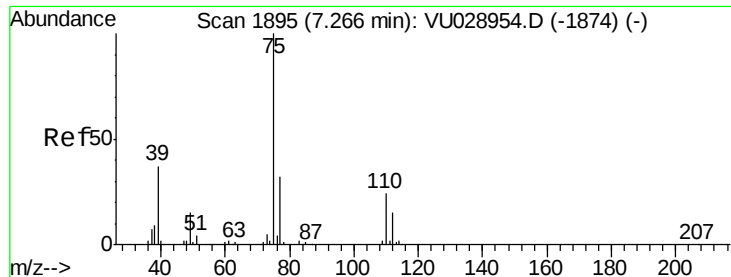


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

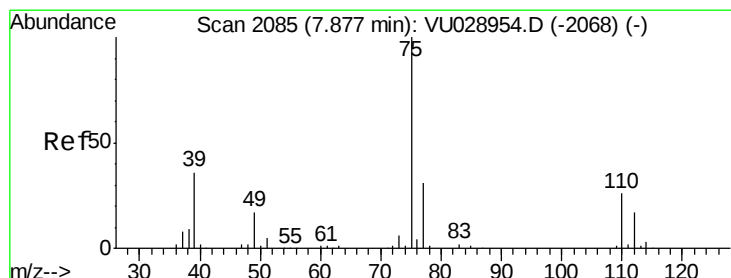
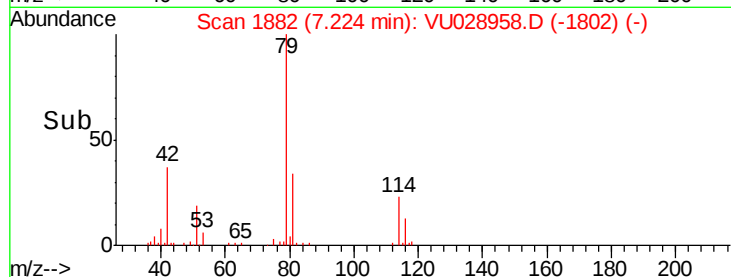
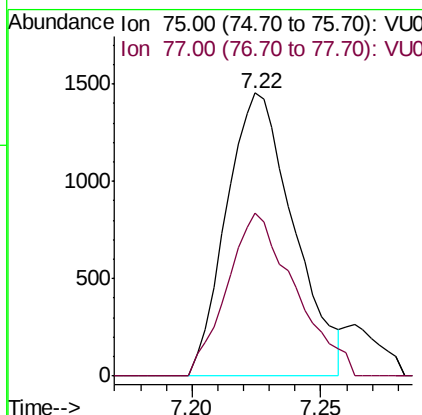
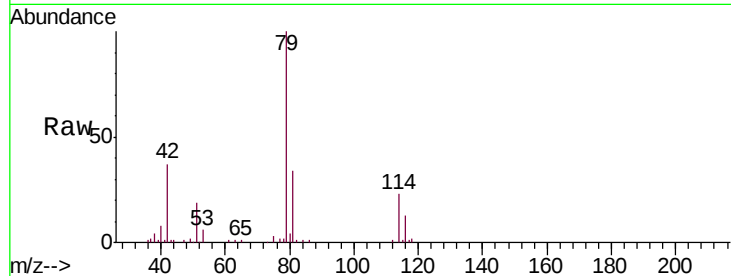




#39
 cis-1,3-Dichloropropene
 Concen: 0.689 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028958.D
 Acq: 27 Dec 2018 10:44

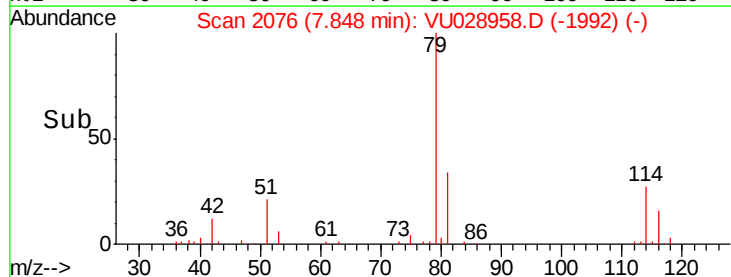
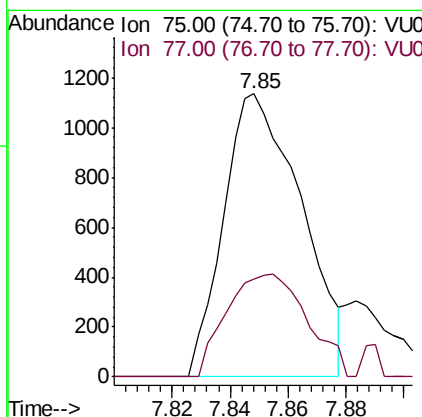
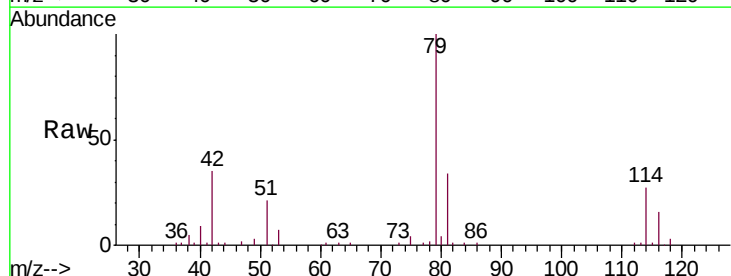
Instrument :
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 BF050ME

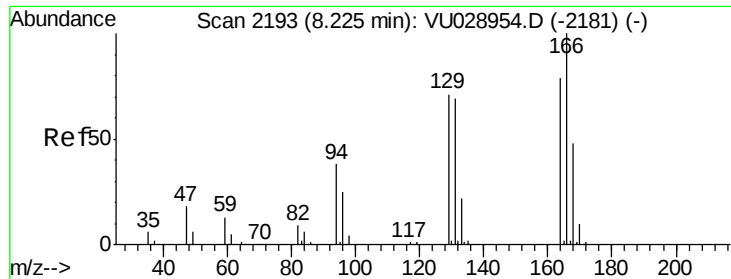
Tgt Ion: 75 Resp: 2641
 Ion Ratio Lower Upper
 75 100
 77 57.4 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.618 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028958.D
 Acq: 27 Dec 2018 10:44

Tgt Ion: 75 Resp: 2113
 Ion Ratio Lower Upper
 75 100
 77 34.3 21.8 40.6





#46

Tetrachloroethene

Concen: 41.950 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028958.D

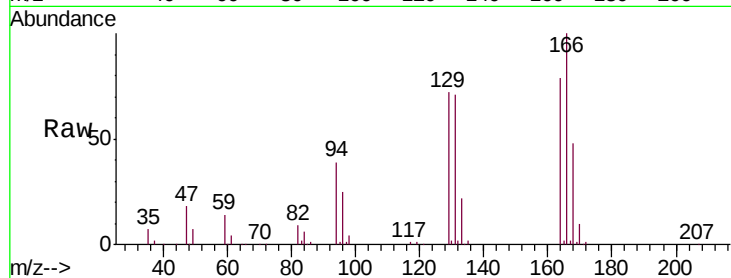
Acq: 27 Dec 2018 10:44

Instrument :

MSVOA_U

ClientSampleId :

BF050ME



Tgt Ion:164 Resp: 75033

Ion Ratio Lower Upper

164 100

129 90.2 66.8 124.0

131 88.9 64.2 119.2

166 125.9 90.8 168.6

