

Data File : VU028959.D
Acq On : 27 Dec 2018 11:08
Operator : MD/SY
Sample : J6506-11ME
Misc : 5.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF054ME

Quant Time: Dec 28 00:50:26 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	250356	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	237512	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120723	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60470	30.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.26%
7) Chloroethane-d5	1.64	69	33677	21.72	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.44%#
11) 1,1-Dichloroethene-d2	2.23	63	96077	28.46	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.92%#
21) 2-Butanone-d5	4.19	46	117211	83.35	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.35%
24) Chloroform-d	4.64	84	130330	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
26) 1,2-Dichloroethane-d4	5.30	65	83311	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
32) Benzene-d6	5.33	84	279368	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.26%
36) 1,2-Dichloropropane-d6	6.32	67	94637	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.04%
41) Toluene-d8	7.56	98	261609	43.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.04%
43) trans-1,3-Dichloropropene-	7.85	79	45974	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
47) 2-Hexanone-d5	8.32	63	109298	100.95	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154703	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	113553	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%

Target Compounds

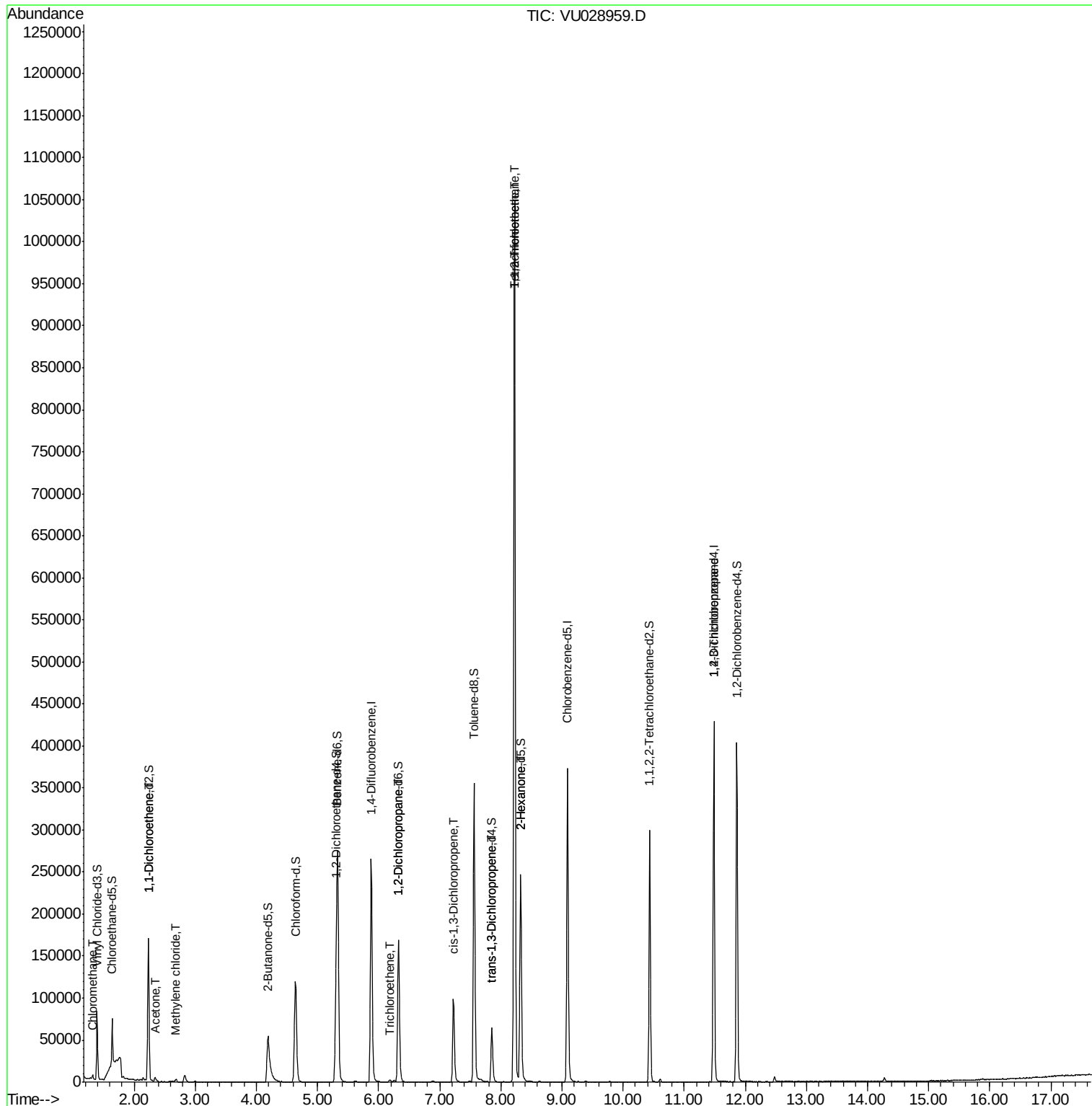
					Qvalue
3) Chloromethane	1.32	50	3902	1.406 ug/L	97
12) 1,1-Dichloroethene	2.23	96	950	0.592 ug/L #	1
13) Acetone	2.34	43	6121	4.271 ug/L	99
16) Methylene chloride	2.68	84	1526	0.771 ug/L	86
34) Trichloroethene	6.19	95	875	0.479 ug/L	94
37) 1,2-Dichloropropane	6.33	63	9182	4.344 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2186	0.725 ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	1818	0.677 ug/L #	77
45) 1,1,2-Trichloroethane	8.22	97	1649	0.912 ug/L #	1
46) Tetrachloroethene	8.22	164	253772	180.496 ug/L	97
48) 2-Hexanone	8.32	43	10315	4.424 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	13336	5.287 ug/L	97

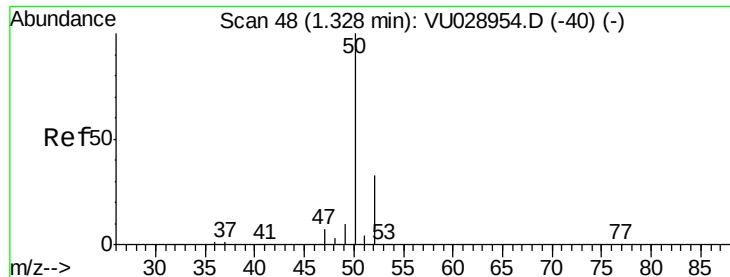
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.406 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028959.D

Acq: 27 Dec 2018 11:08

Instrument :

MSVOA_U

ClientSampleId :

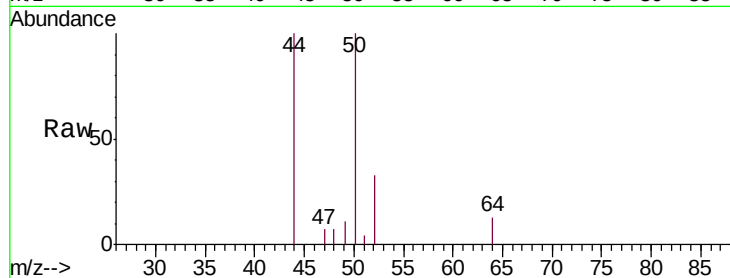
BF054ME

Tgt Ion: 50 Resp: 3902

Ion Ratio Lower Upper

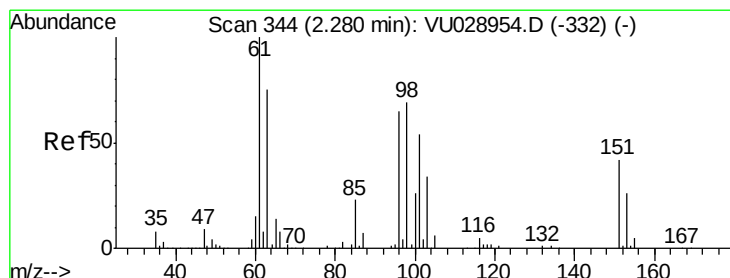
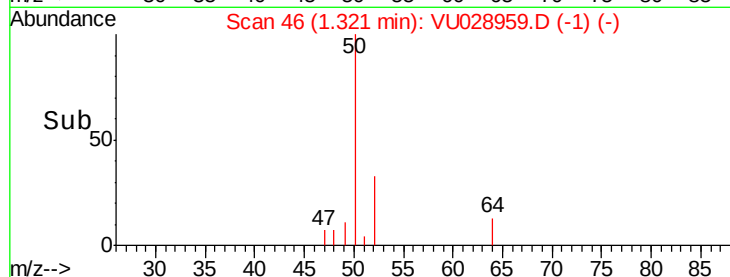
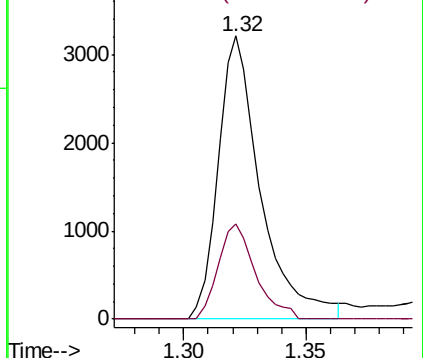
50 100

52 33.4 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#12

1,1-Dichloroethene

Concen: 0.592 ug/L

RT: 2.23 min Scan# 330

Delta R.T. -0.05 min

Lab File: VU028959.D

Acq: 27 Dec 2018 11:08

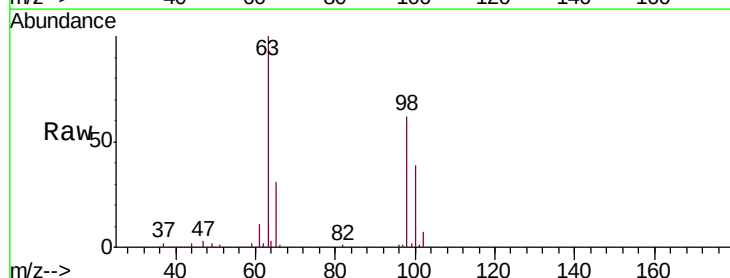
Tgt Ion: 96 Resp: 950

Ion Ratio Lower Upper

96 100

61 1322.4 119.3 221.5#

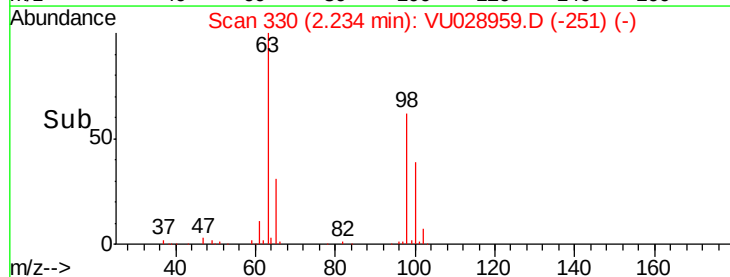
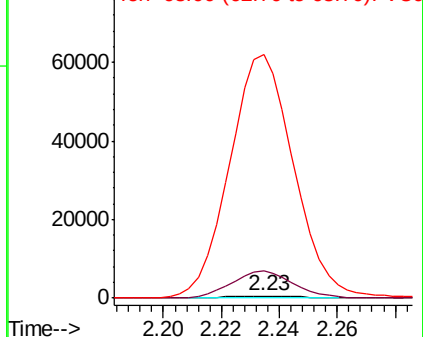
63 11784.0 107.4 199.6#

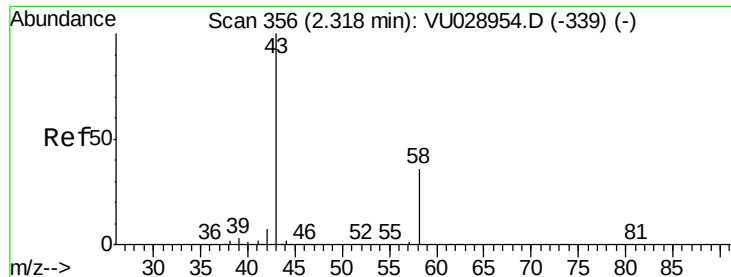


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.271 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.03 min

Lab File: VU028959.D

Acq: 27 Dec 2018 11:08

Instrument :

MSVOA_U

ClientSampleId :

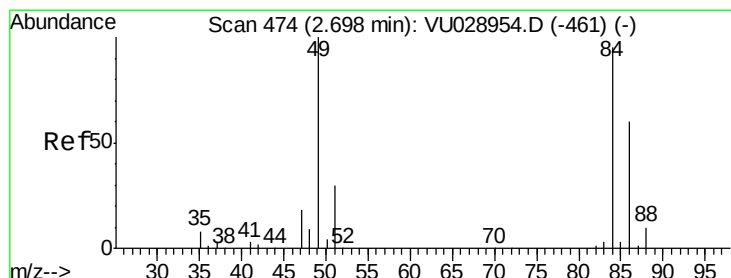
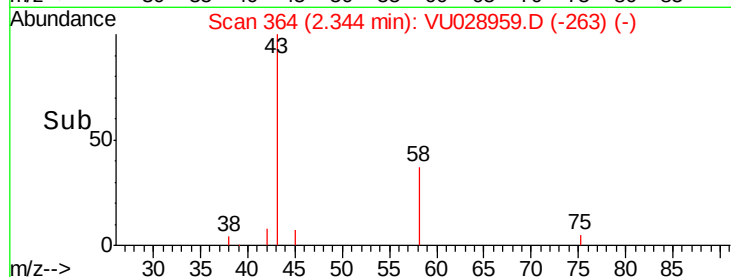
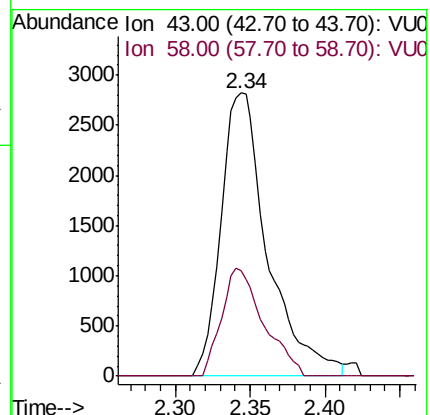
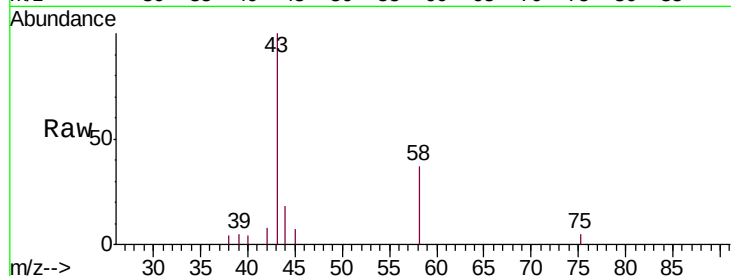
BF054ME

Tgt Ion: 43 Resp: 6121

Ion Ratio Lower Upper

43 100

58 34.3 0.0 70.2



#16

Methylene chloride

Concen: 0.771 ug/L

RT: 2.68 min Scan# 470

Delta R.T. -0.01 min

Lab File: VU028959.D

Acq: 27 Dec 2018 11:08

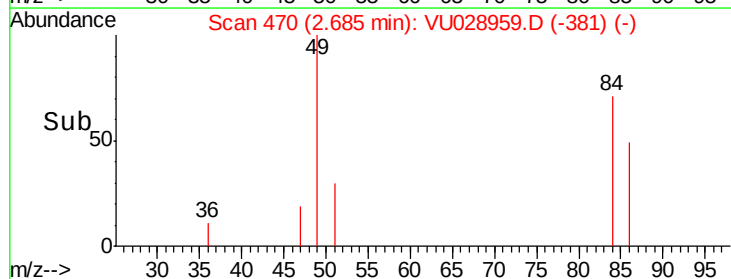
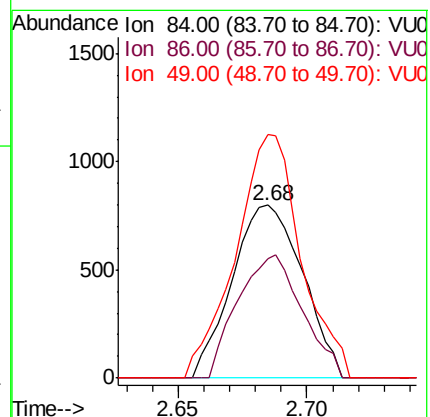
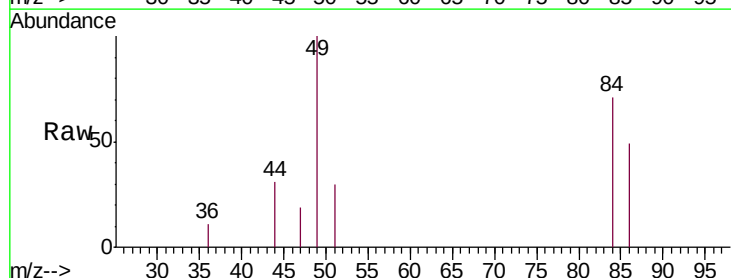
Tgt Ion: 84 Resp: 1526

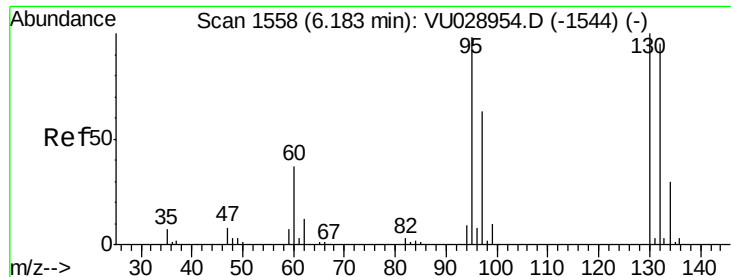
Ion Ratio Lower Upper

84 100

86 68.9 44.9 83.3

49 140.6 83.9 155.7





#34

Trichloroethene

Concen: 0.479 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028959.D

Acq: 27 Dec 2018 11:08

Instrument :

MSVOA_U

ClientSampleId :

BF054ME

Tgt Ion: 95 Resp: 875

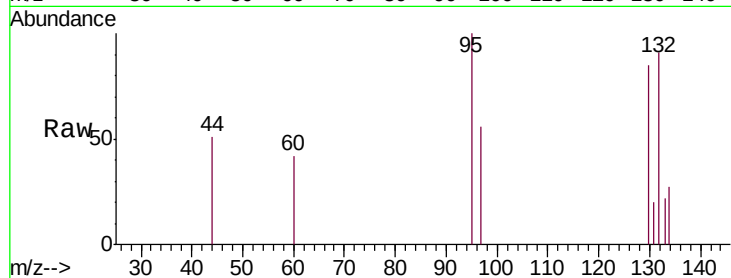
Ion Ratio Lower Upper

95 100

97 55.8 43.3 80.3

132 90.9 64.2 119.2

130 85.3 67.1 124.7



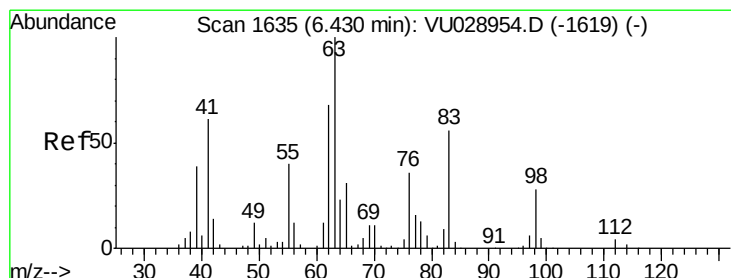
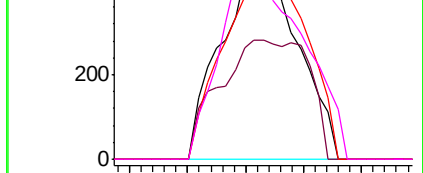
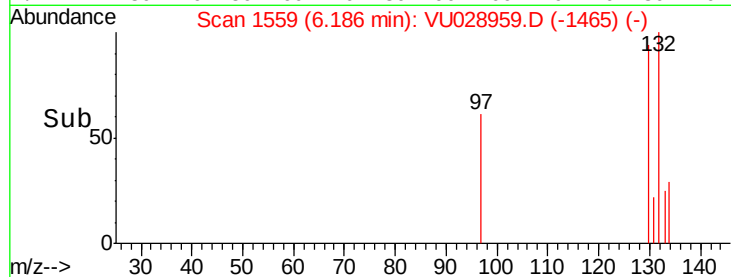
Abundance Ion 95.00 (94.70 to 95.70): VU028959.D (-1465) (-)

Ion 97.00 (96.70 to 97.70): VU028959.D (-1465) (-)

Ion 132.00 (131.70 to 132.70): VU028959.D (-1465) (-)

Ion 130.00 (129.70 to 130.70): VU028959.D (-1465) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 4.344 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU028959.D

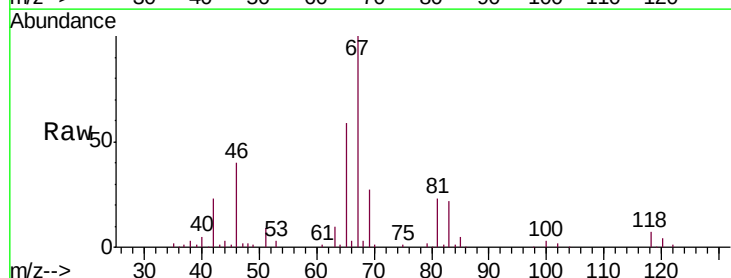
Acq: 27 Dec 2018 11:08

Tgt Ion: 63 Resp: 9182

Ion Ratio Lower Upper

63 100

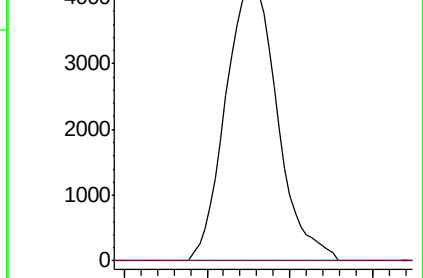
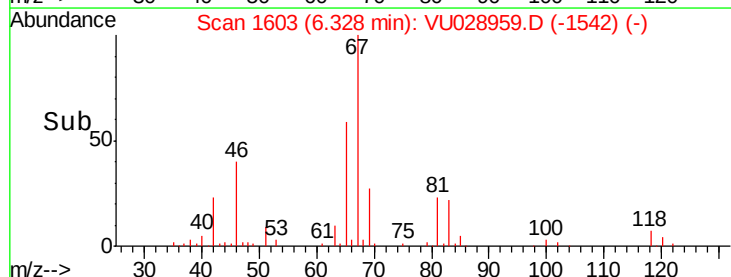
112 0.0 2.7 4.1#

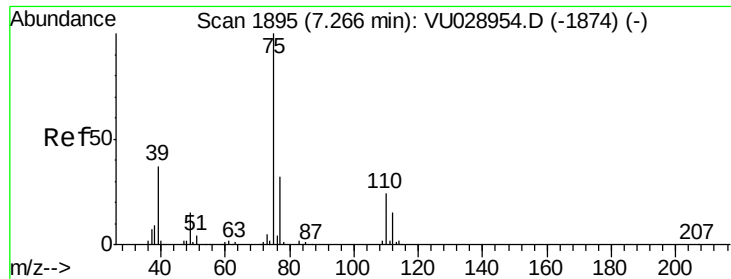


Abundance Ion 63.00 (62.70 to 63.70): VU028959.D (-1542) (-)

Ion 112.00 (111.70 to 112.70): VU028959.D (-1542) (-)

Time-->



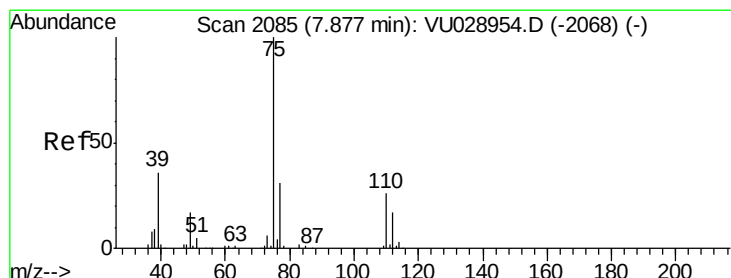
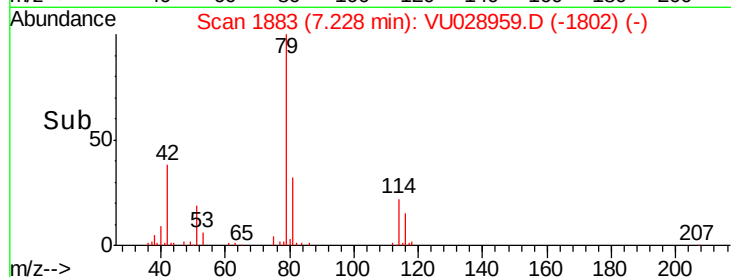
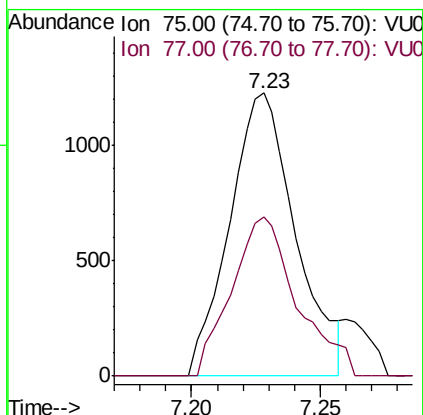
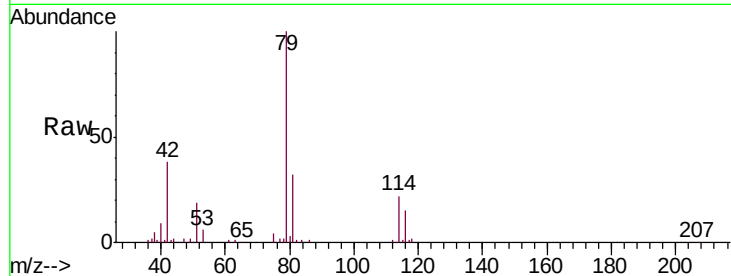


#39

cis-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028959.D
Acq: 27 Dec 2018 11:08

Instrument :
MSVOA_U
ClientSampleId :
BF054ME

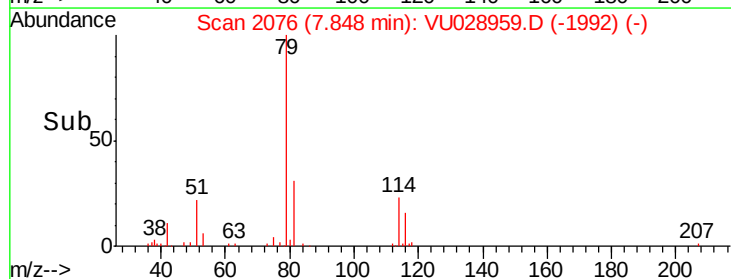
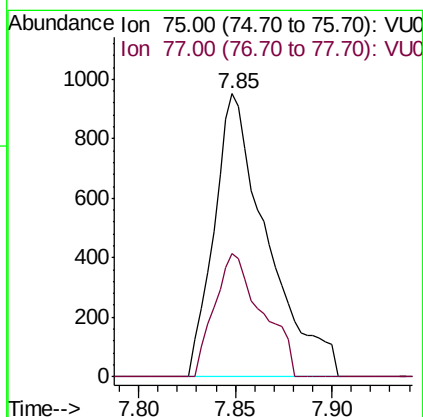
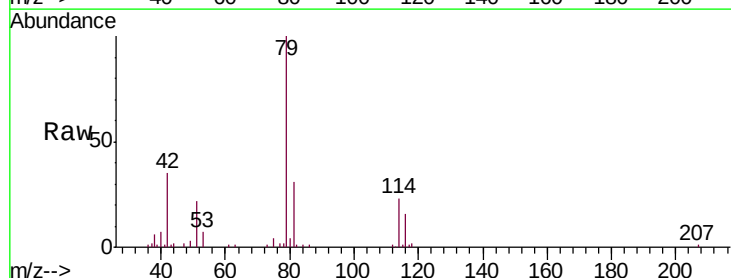
Tgt Ion: 75 Resp: 2186
Ion Ratio Lower Upper
75 100
77 56.2 21.8 40.6#

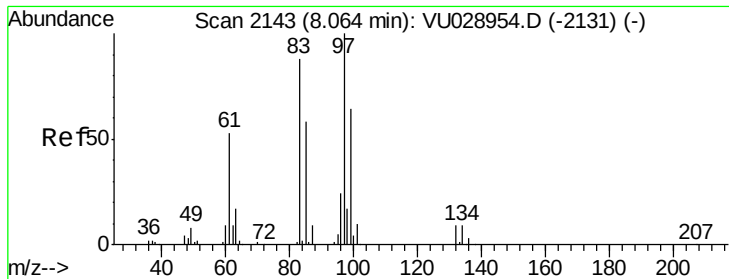


#44

trans-1,3-Dichloropropene
Concen: 0.677 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028959.D
Acq: 27 Dec 2018 11:08

Tgt Ion: 75 Resp: 1818
Ion Ratio Lower Upper
75 100
77 43.7 21.8 40.6#

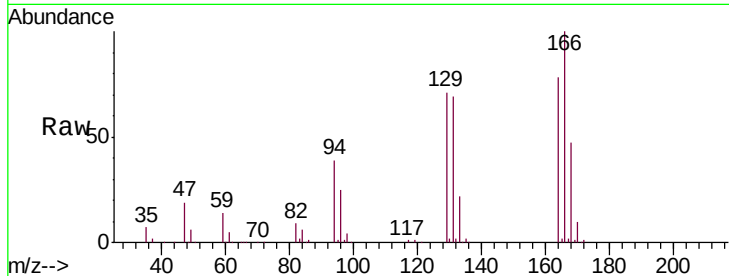




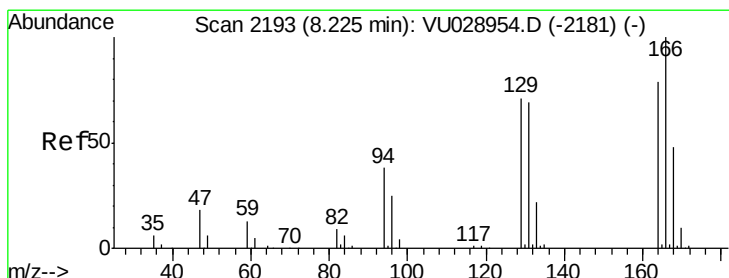
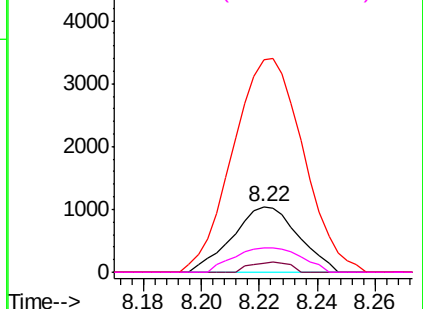
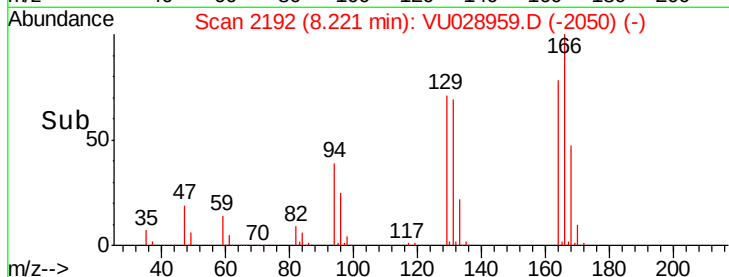
#45
 1,1,2-Trichloroethane
 Concen: 0.912 ug/L
 RT: 8.22 min Scan# 2192
 Delta R.T. 0.16 min
 Lab File: VU028959.D
 Acq: 27 Dec 2018 11:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BF054ME

Tgt Ion: 97 Resp: 1649
 Ion Ratio Lower Upper
 97 100
 99 13.6 44.2 82.2#
 83 323.3 64.5 119.9#
 85 36.4 40.9 75.9#

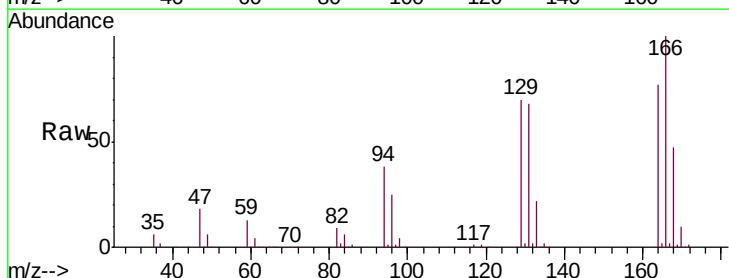


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

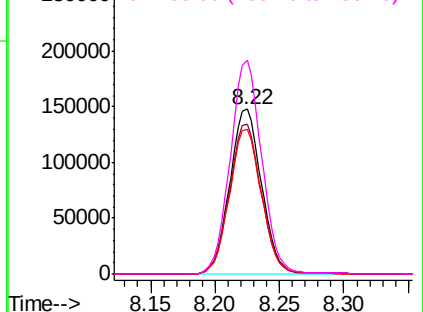
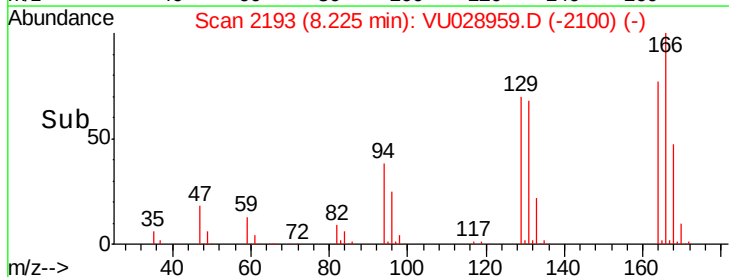


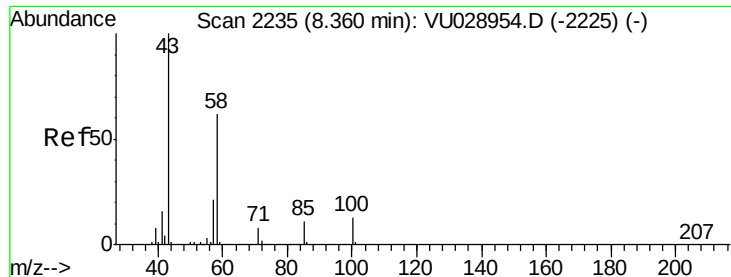
#46
 Tetrachloroethene
 Concen: 180.496 ug/L
 RT: 8.22 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU028959.D
 Acq: 27 Dec 2018 11:08

Tgt Ion: 164 Resp: 253772
 Ion Ratio Lower Upper
 164 100
 129 90.6 66.8 124.0
 131 87.8 64.2 119.2
 166 129.6 90.8 168.6



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

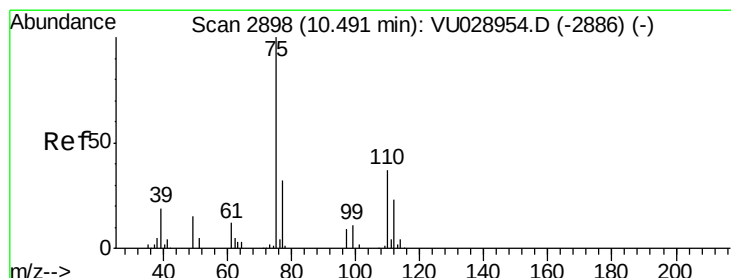
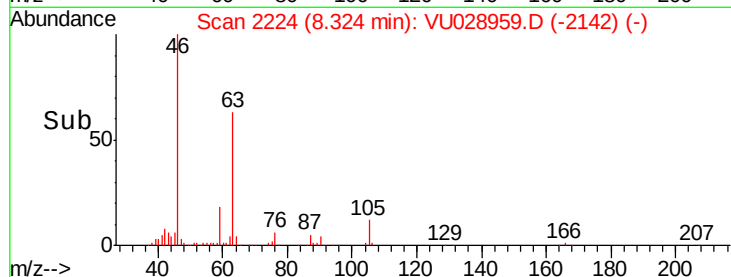
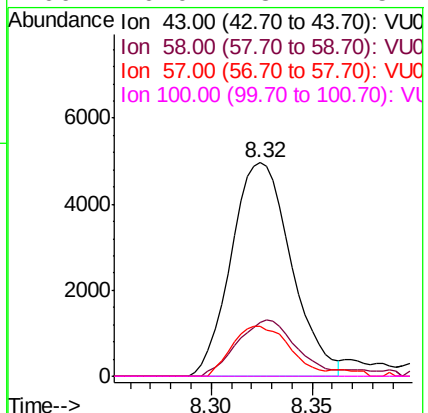
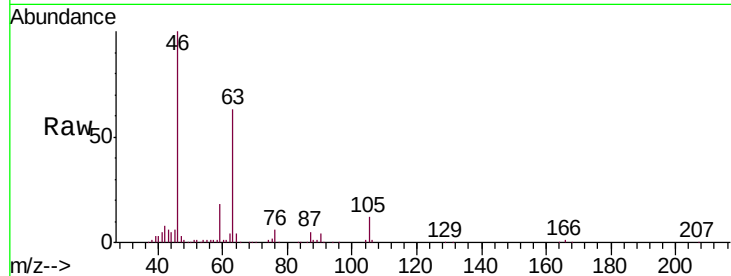




#48
2-Hexanone
Concen: 4.424 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028959.D
Acq: 27 Dec 2018 11:08

Instrument :
MSVOA_U
ClientSampleId :
BF054ME

Tgt Ion: 43 Resp: 10315
Ion Ratio Lower Upper
43 100
58 26.0 45.9 68.9#
57 22.6 15.0 22.4#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.287 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028959.D
Acq: 27 Dec 2018 11:08

Tgt Ion: 75 Resp: 13336
Ion Ratio Lower Upper
75 100
77 33.3 25.5 38.3

