

Data File : VU028955.D
Acq On : 27 Dec 2018 09:30
Operator : MD/SY
Sample : VU1227MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Quant Time: Dec 28 00:49:42 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	248372	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229894	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88998	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.67	69	76599	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.62%
11) 1,1-Dichloroethene-d2	2.27	63	130483	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.94%
21) 2-Butanone-d5	4.17	46	136020	97.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.50%
24) Chloroform-d	4.65	84	159577	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	5.30	65	97978	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
32) Benzene-d6	5.34	84	344705	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
36) 1,2-Dichloropropane-d6	6.33	67	115241	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.46%
41) Toluene-d8	7.56	98	316732	53.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.62%
43) trans-1,3-Dichloropropene-	7.85	79	52849	53.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.92%
47) 2-Hexanone-d5	8.31	63	114596	109.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160930	52.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	118386	56.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.18%

Target Compounds

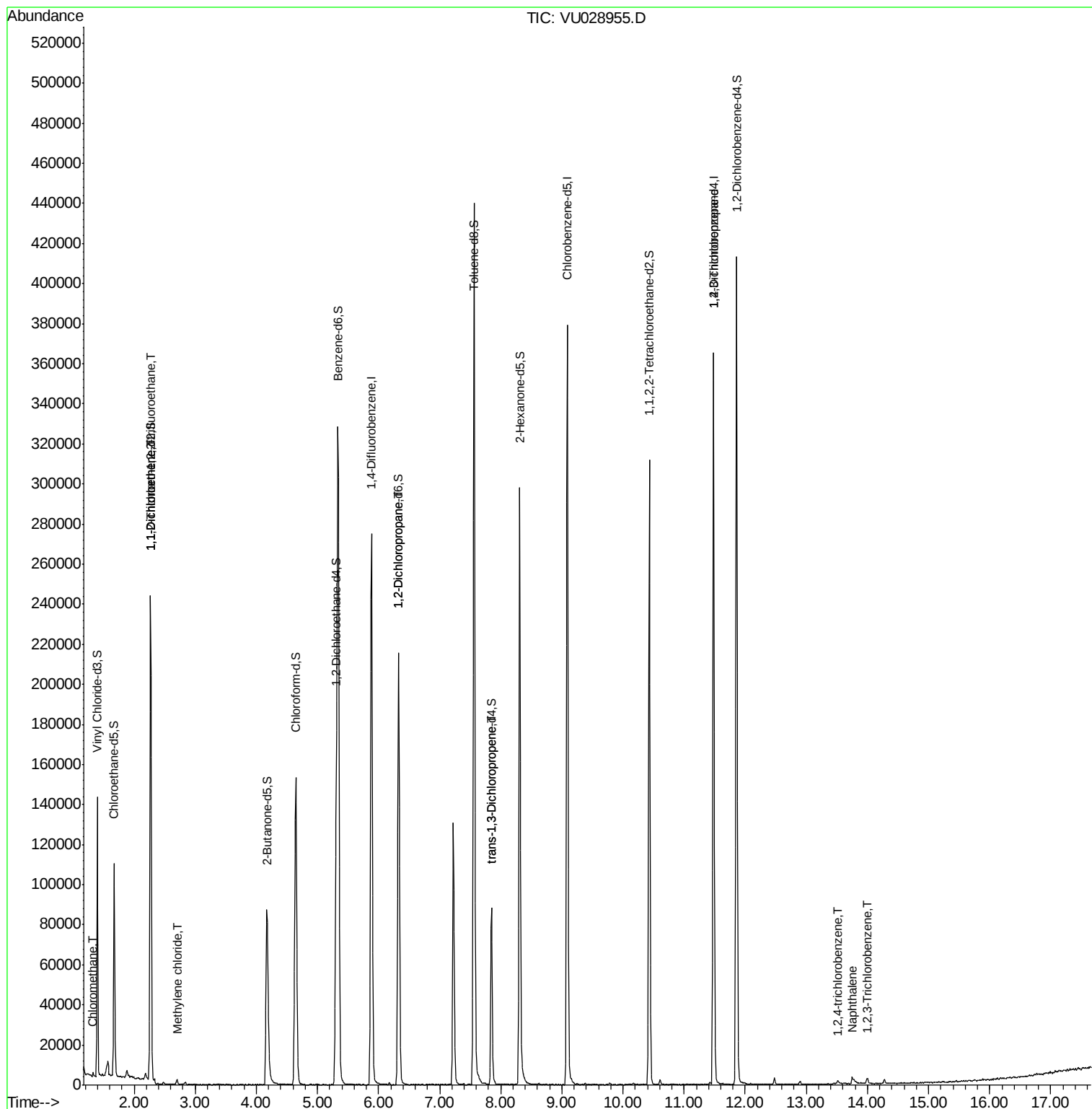
					Qvalue
3) Chloromethane	1.33	50	1800	0.654 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1192	0.741 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1208	0.759 ug/L #	1
16) Methylene chloride	2.70	84	1393	0.709 ug/L	89
37) 1,2-Dichloropropane	6.33	63	10569	5.166 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1983	0.763 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	11843	4.851 ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	1123	0.554 ug/L #	88
69) Naphthalene	13.75	128	7206	1.023 ug/L #	78
70) 1,2,3-Trichlorobenzene	13.99	180	1591	0.727 ug/L #	77

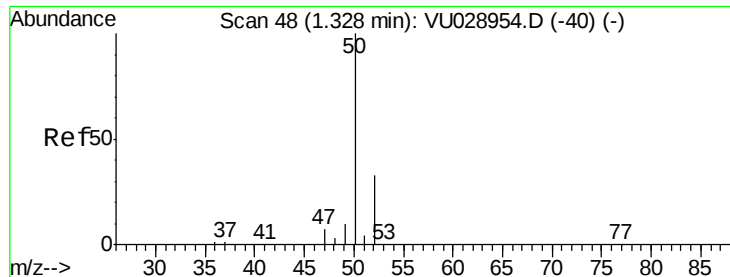
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.654 ug/L

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028955.D

Acq: 27 Dec 2018 09:30

Instrument :

MSVOA_U

ClientSampleId :

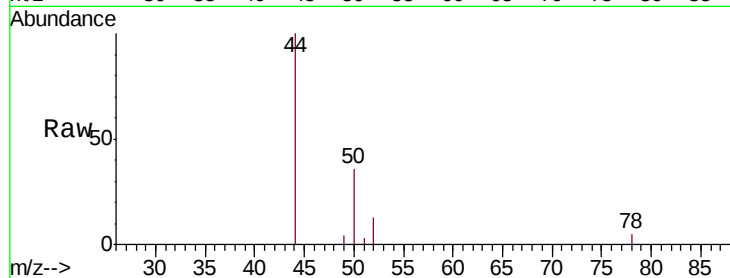
VBLK46

Tgt Ion: 50 Resp: 1800

Ion Ratio Lower Upper

50 100

52 35.6 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU028955.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU028955.D (-1) (-)

1.33

1500

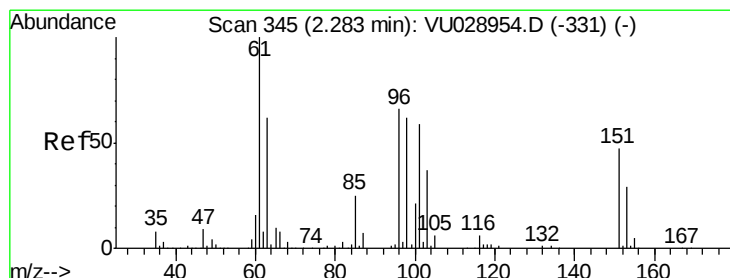
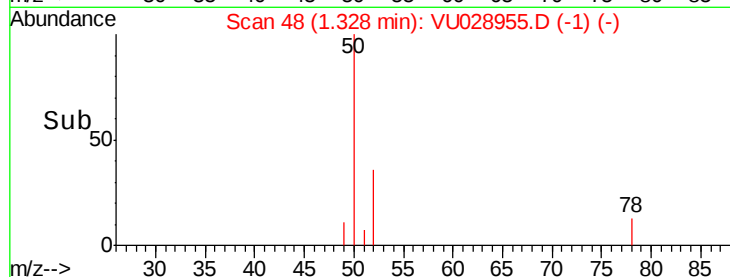
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#10

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

Concen: 0.741 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028955.D

Acq: 27 Dec 2018 09:30

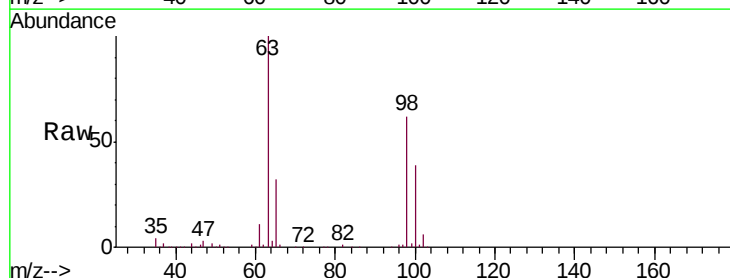
Tgt Ion: 101 Resp: 1192

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): VU028955.D (-252) (-)

Ion 85.00 (84.70 to 85.70): VU028955.D (-252) (-)

Ion 151.00 (150.70 to 151.70): VU028955.D (-252) (-)

2.27

1000

800

600

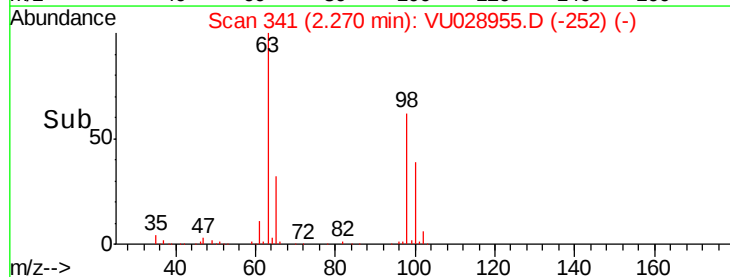
400

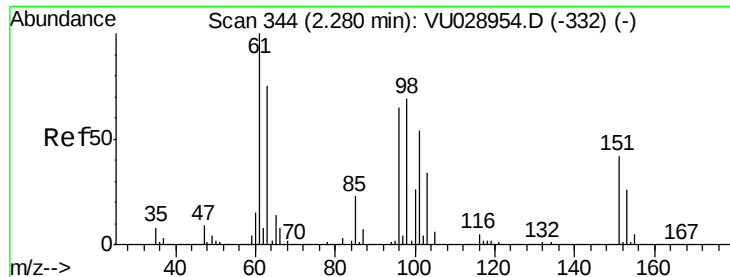
200

0

2.24 2.26 2.28 2.30

Time-->

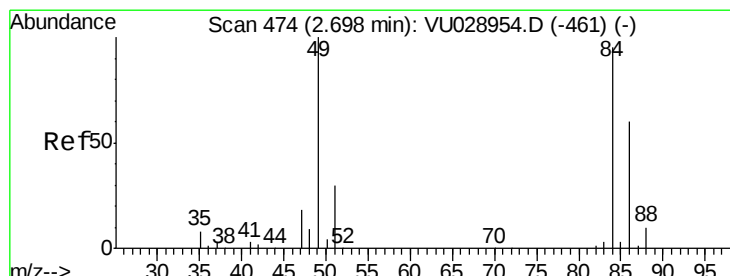
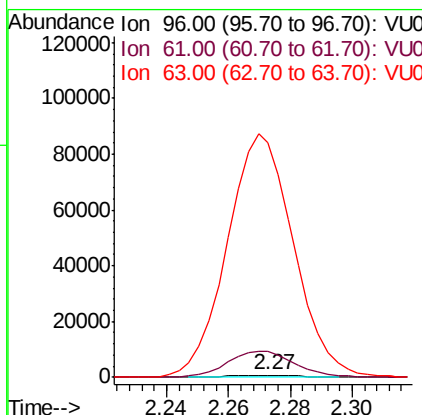
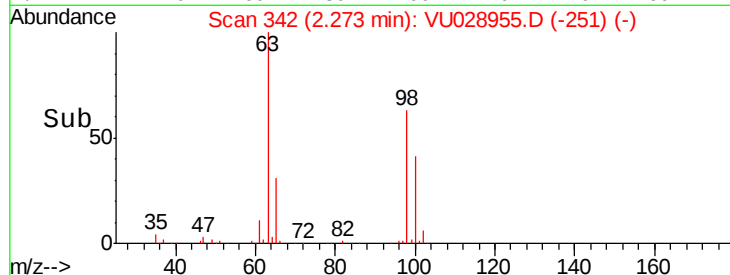
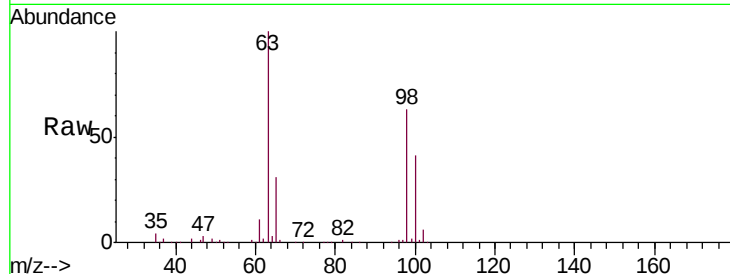




#12
 1,1-Dichloroethene
 Concen: 0.759 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU028955.D
 Acq: 27 Dec 2018 09:30

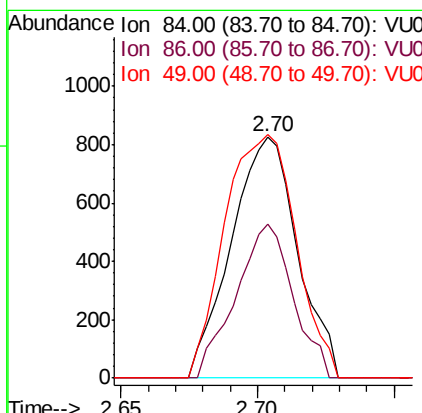
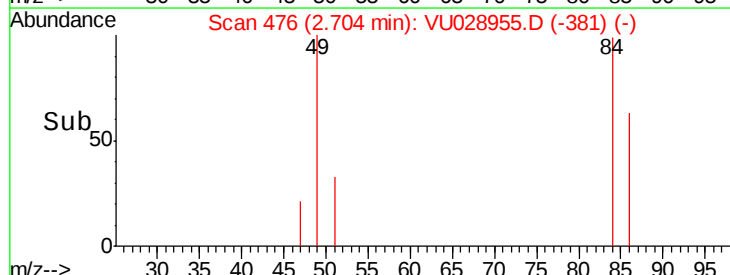
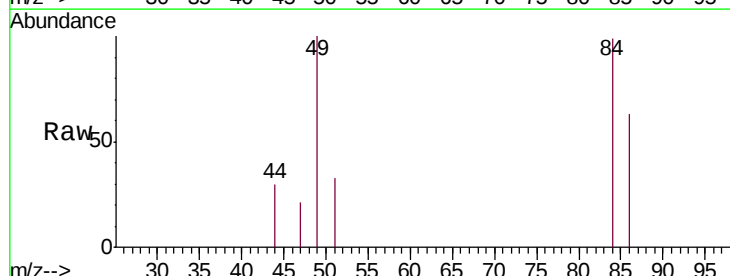
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

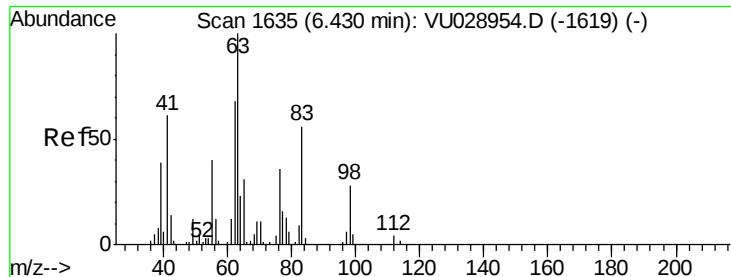
Tgt Ion: 96 Resp: 1208
 Ion Ratio Lower Upper
 96 100
 61 1233.2 119.3 221.5#
 63 11393.5 107.4 199.6#



#16
 Methylene chloride
 Concen: 0.709 ug/L
 RT: 2.70 min Scan# 476
 Delta R.T. 0.01 min
 Lab File: VU028955.D
 Acq: 27 Dec 2018 09:30

Tgt Ion: 84 Resp: 1393
 Ion Ratio Lower Upper
 84 100
 86 63.8 44.9 83.3
 49 101.0 83.9 155.7

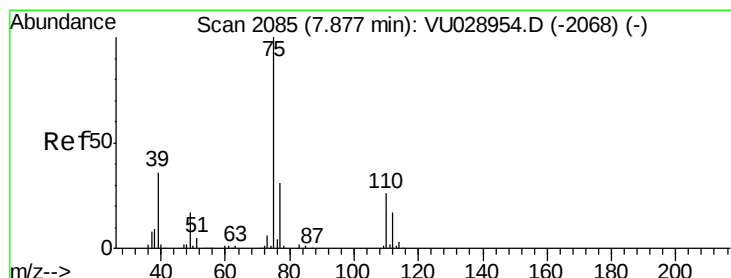
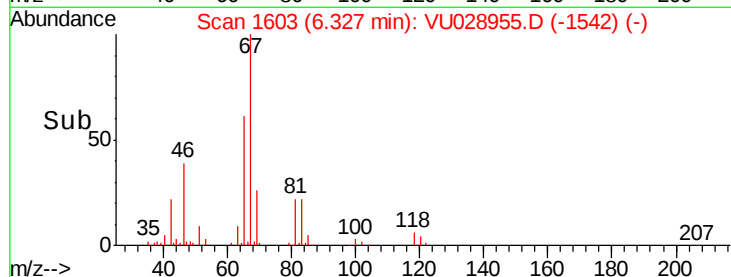
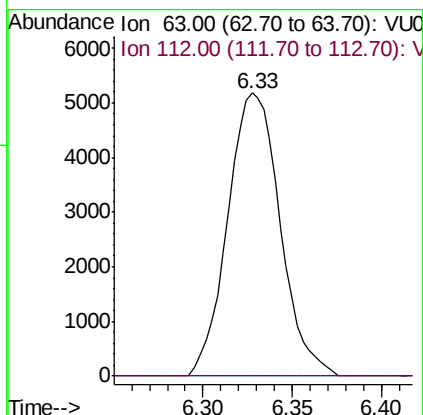
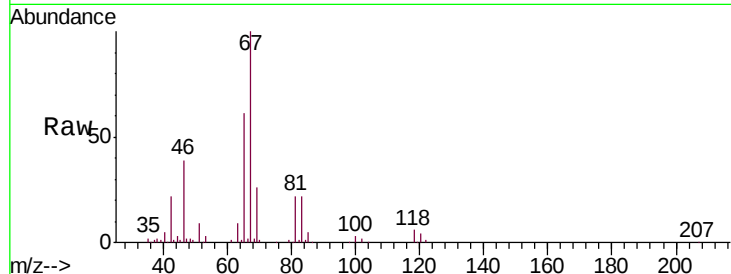




#37
 1,2-Dichloropropane
 Concen: 5.166 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028955.D
 Acq: 27 Dec 2018 09:30

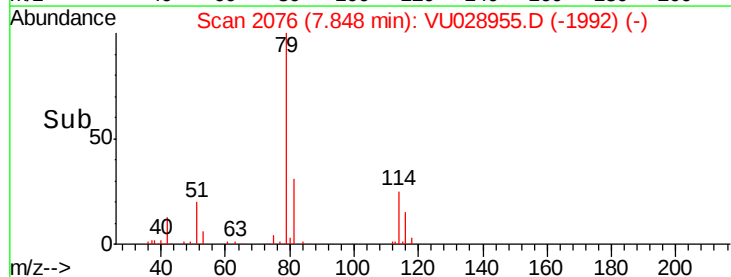
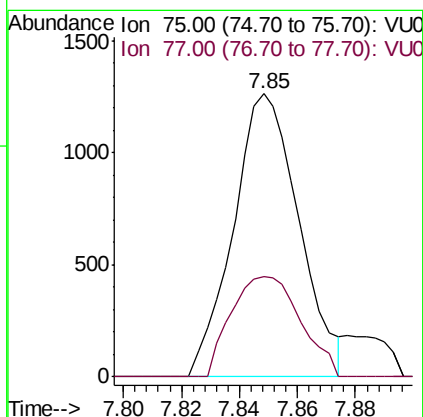
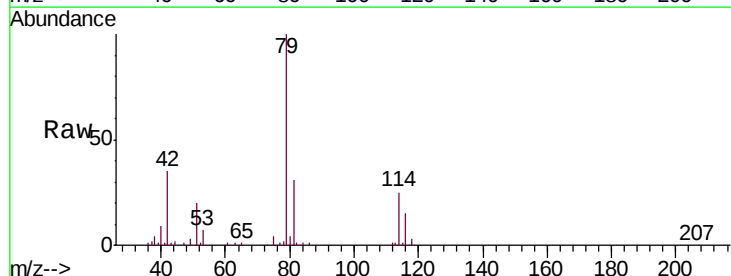
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

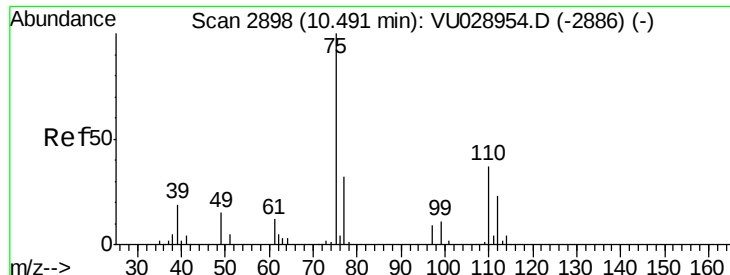
Tgt Ion: 63 Resp: 10569
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.763 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028955.D
 Acq: 27 Dec 2018 09:30

Tgt Ion: 75 Resp: 1983
 Ion Ratio Lower Upper
 75 100
 77 35.3 21.8 40.6

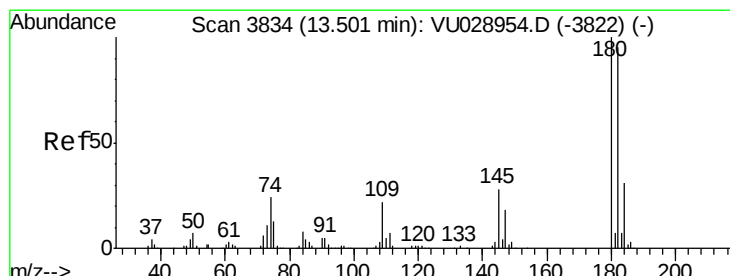
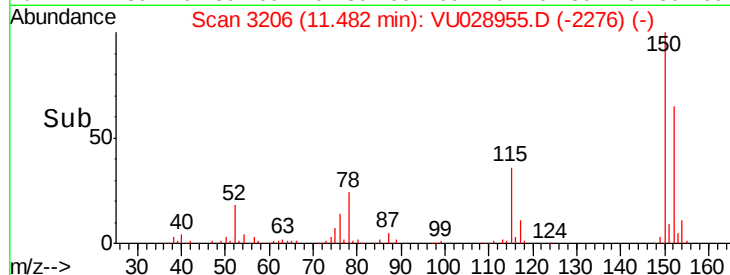
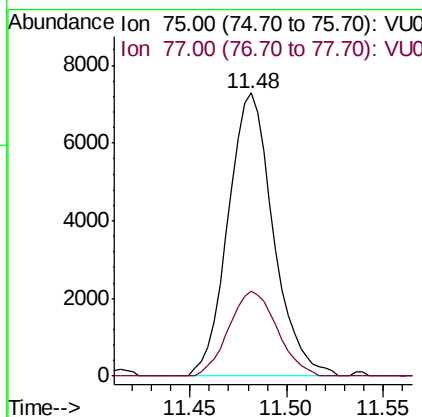
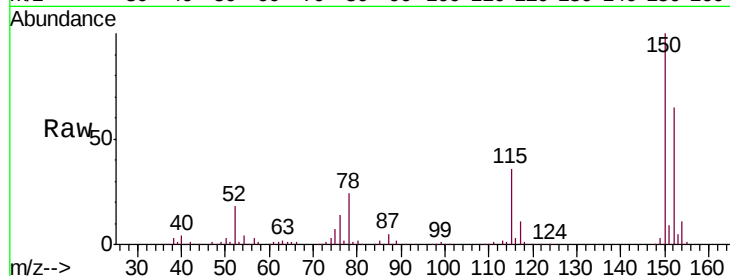




#59
 1,2,3-Trichloropropane
 Concen: 4.851 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028955.D
 Acq: 27 Dec 2018 09:30

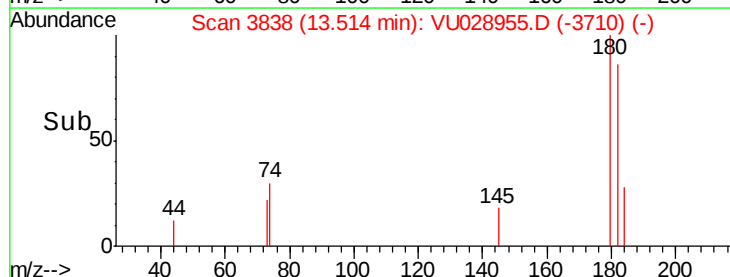
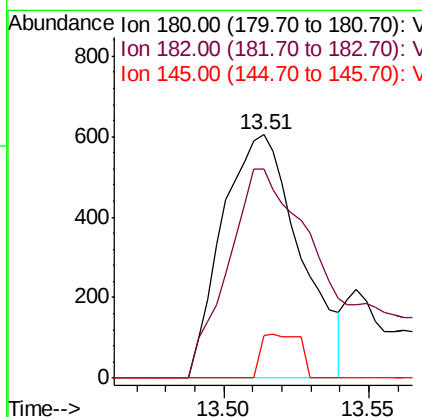
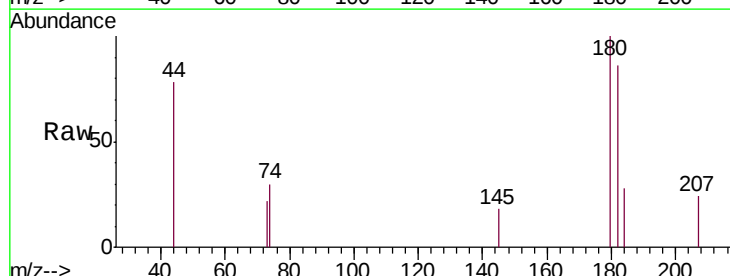
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

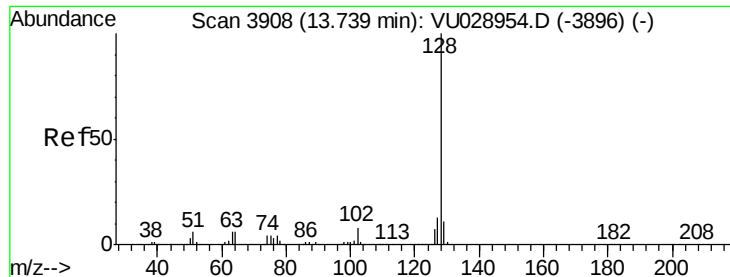
Tgt Ion: 75 Resp: 11843
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3



#68
 1,2,4-trichlorobenzene
 Concen: 0.554 ug/L
 RT: 13.51 min Scan# 3838
 Delta R.T. 0.01 min
 Lab File: VU028955.D
 Acq: 27 Dec 2018 09:30

Tgt Ion: 180 Resp: 1123
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.4 116.0
 145 5.4 23.5 35.3#





#69

Naphthalene

Concen: 1.023 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU028955.D

Acq: 27 Dec 2018 09:30

Instrument :

MSVOA_U

ClientSampled :

VBLK46

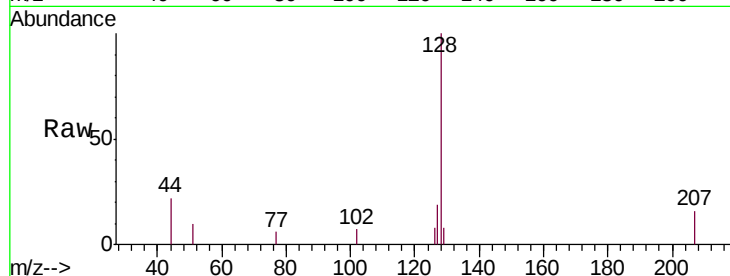
Tgt Ion:128 Resp: 7206

Ion Ratio Lower Upper

128 100

127 5.1 10.5 15.7#

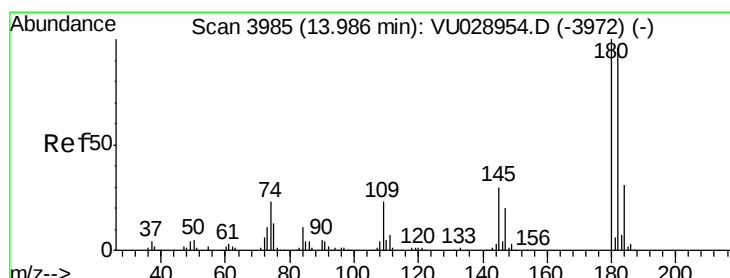
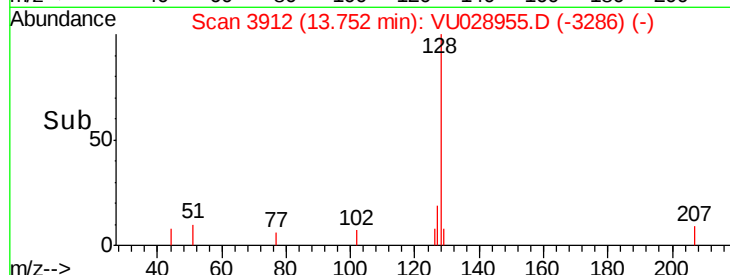
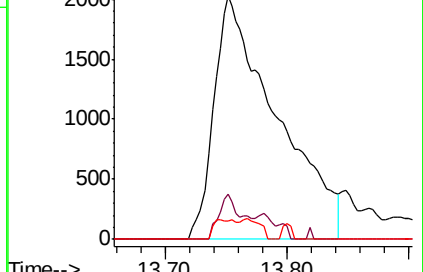
129 1.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.727 ug/L

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU028955.D

Acq: 27 Dec 2018 09:30

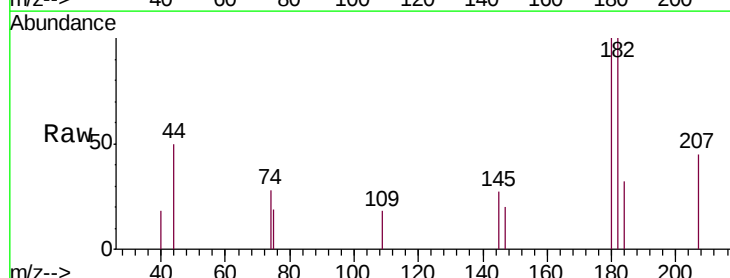
Tgt Ion:180 Resp: 1591

Ion Ratio Lower Upper

180 100

182 70.6 75.8 113.8#

145 20.9 24.5 36.7#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

