

Data File : VU028933.D
Acq On : 24 Dec 2018 09:28
Operator : MD/SY
Sample : VU1224WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK44

Quant Time: Dec 25 00:05:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	262231	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85482	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.32%
7) Chloroethane-d5	1.68	69	73842	45.48	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.96%
11) 1,1-Dichloroethene-d2	2.27	63	129247	36.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.12%
21) 2-Butanone-d5	4.17	46	129887	88.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.18%
24) Chloroform-d	4.65	84	158431	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.31	65	99235	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.34	84	353025	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
36) 1,2-Dichloropropane-d6	6.33	67	115516	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.04%
41) Toluene-d8	7.56	98	329011	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%
43) trans-1,3-Dichloropropene-	7.85	79	53448	51.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.30%
47) 2-Hexanone-d5	8.31	63	110874	101.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156263	48.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	118857	54.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.58%

Target Compounds

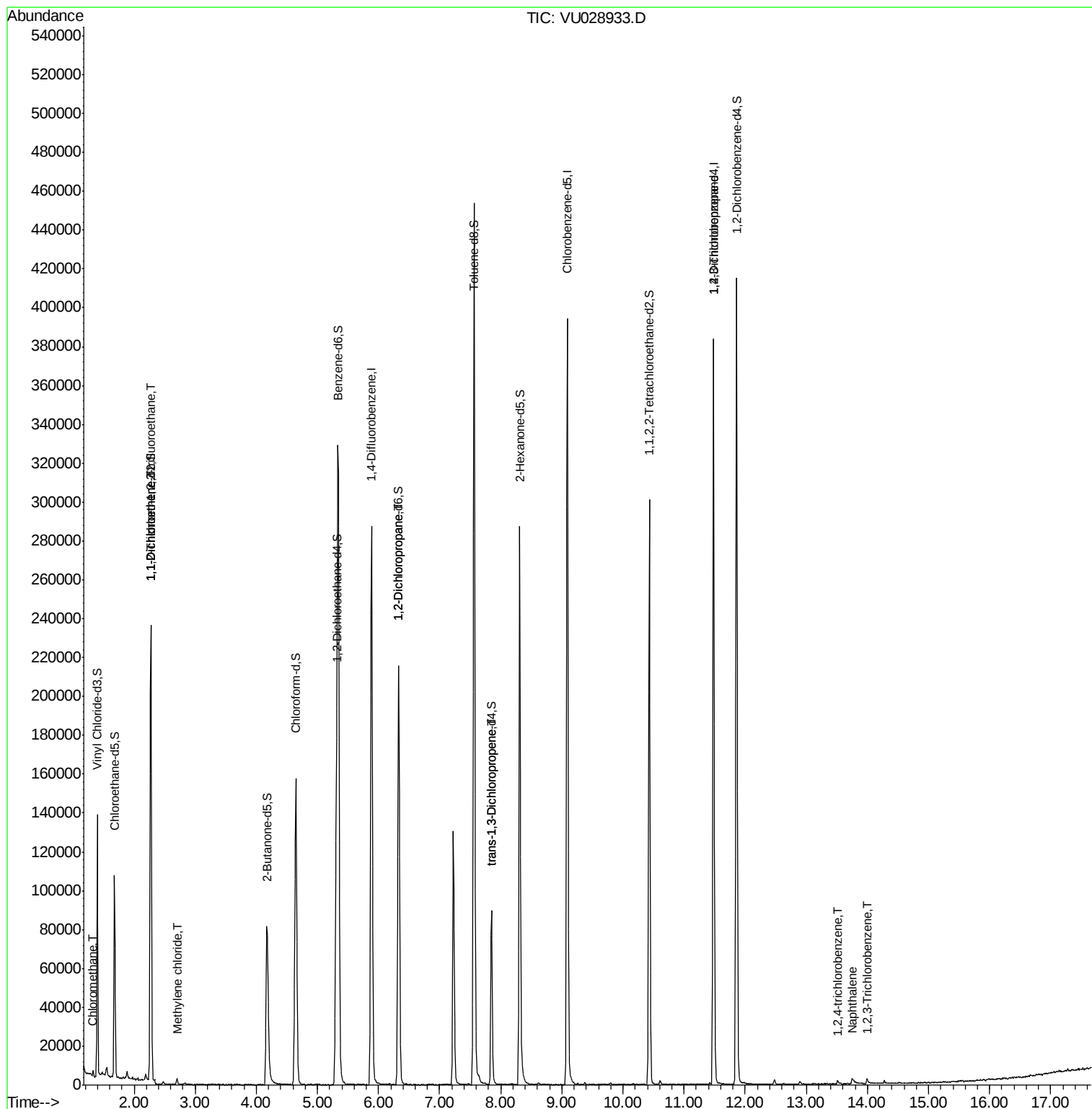
					Qvalue
3) Chloromethane	1.33	50	1900	0.653 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1176	0.692 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1270	0.755 ug/L #	1
16) Methylene chloride	2.70	84	1463	0.706 ug/L	86
37) 1,2-Dichloropropane	6.33	63	10966	5.121 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1954	0.718 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	12122	4.744 ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	1061	0.504 ug/L #	87
69) Naphthalene	13.75	128	3847	0.527 ug/L #	80
70) 1,2,3-Trichlorobenzene	14.00	180	1214	0.535 ug/L #	88

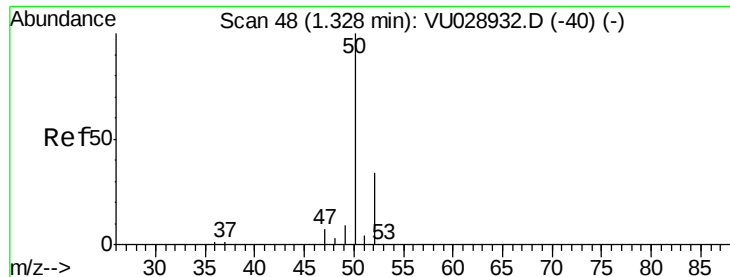
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.653 ug/L

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028933.D

Acq: 24 Dec 2018 09:28

Instrument :

MSVOA_U

ClientSampleId :

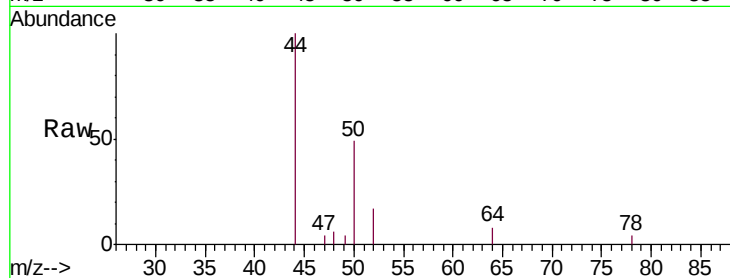
VBLK44

Tgt Ion: 50 Resp: 1900

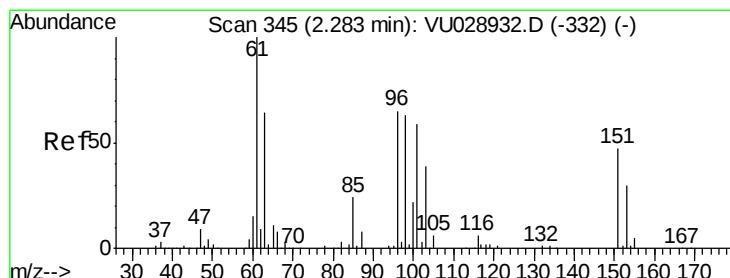
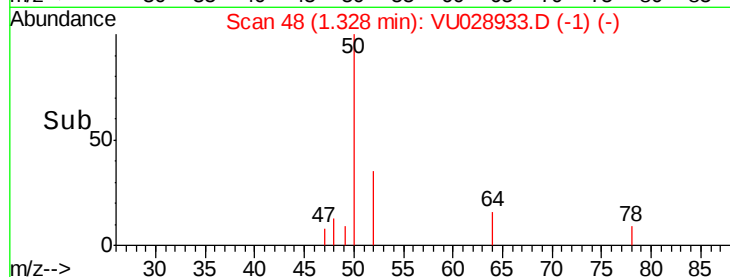
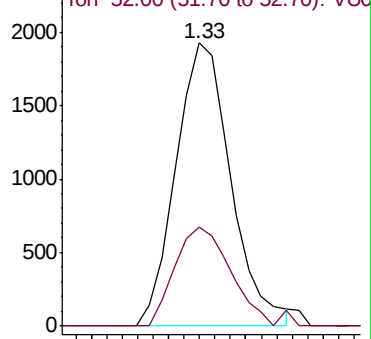
Ion Ratio Lower Upper

50 100

52 35.1 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU028933.D (-1) (-)



#10

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

Concen: 0.692 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028933.D

Acq: 24 Dec 2018 09:28

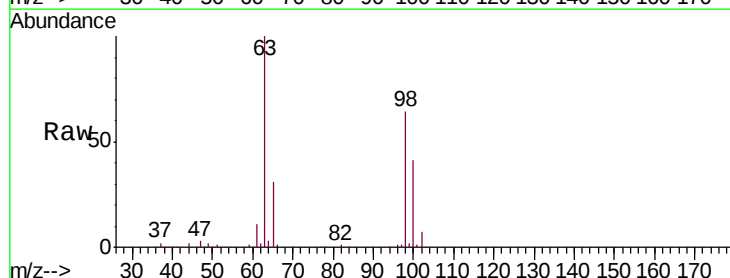
Tgt Ion: 101 Resp: 1176

Ion Ratio Lower Upper

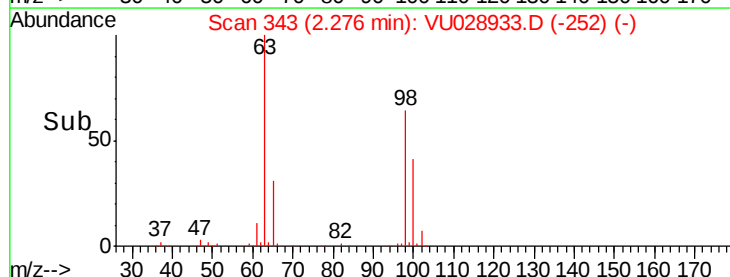
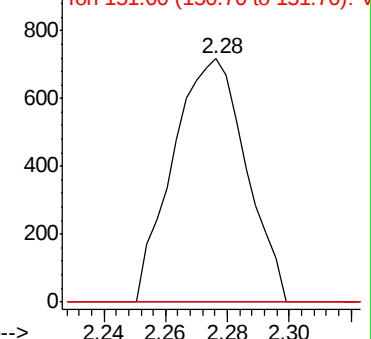
101 100

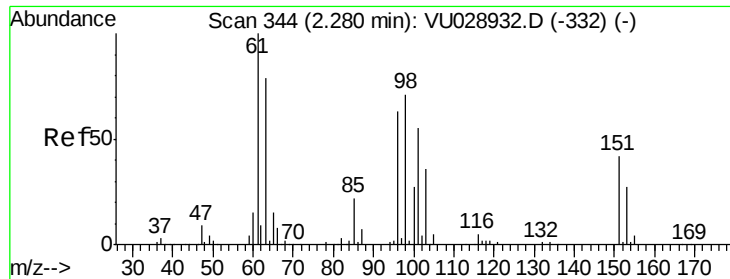
85 0.0 33.8 50.6#

151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): VU028933.D (-252) (-)

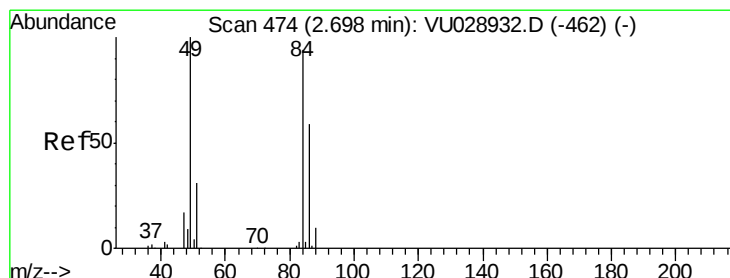
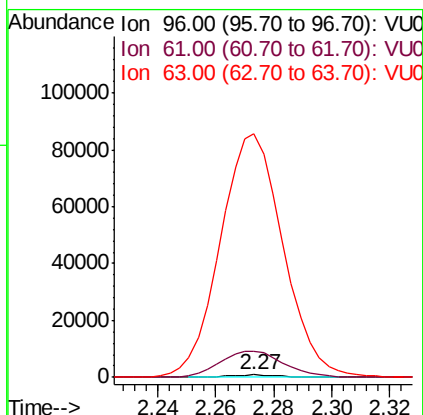
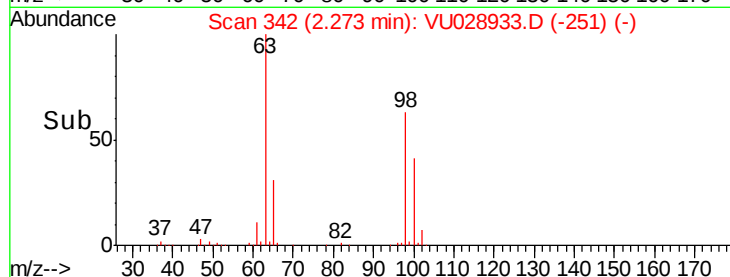
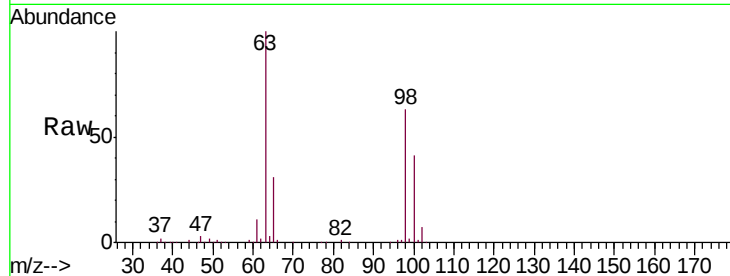




#12
 1,1-Dichloroethene
 Concen: 0.755 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU028933.D
 Acq: 24 Dec 2018 09:28

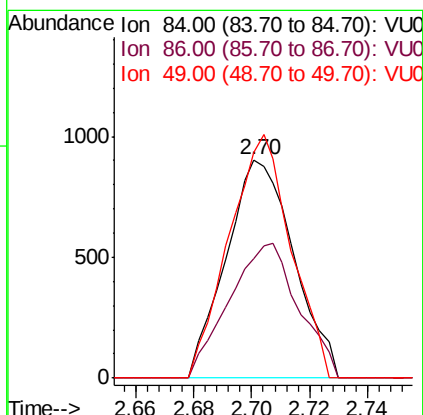
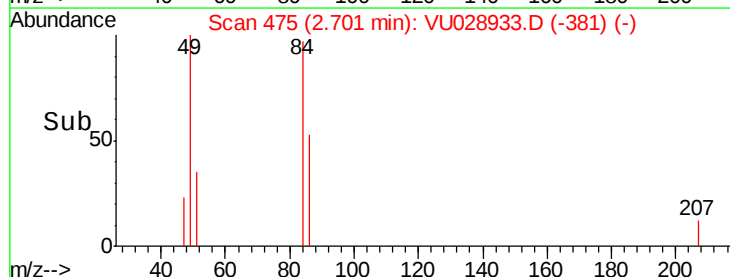
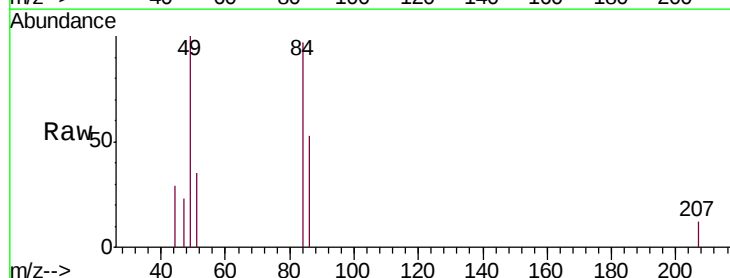
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK44

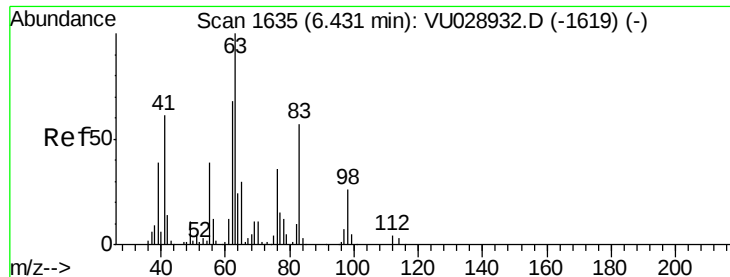
Tgt Ion: 96 Resp: 1270
 Ion Ratio Lower Upper
 96 100
 61 1093.4 119.3 221.5#
 63 10122.0 107.4 199.6#



#16
 Methylene chloride
 Concen: 0.706 ug/L
 RT: 2.70 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VU028933.D
 Acq: 24 Dec 2018 09:28

Tgt Ion: 84 Resp: 1463
 Ion Ratio Lower Upper
 84 100
 86 54.9 44.9 83.3
 49 103.3 83.9 155.7

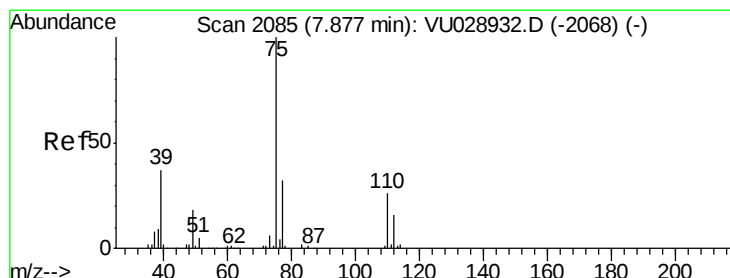
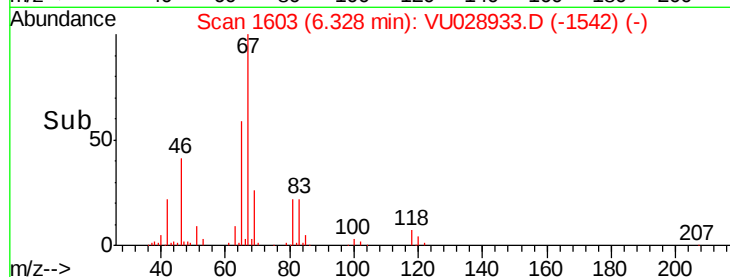
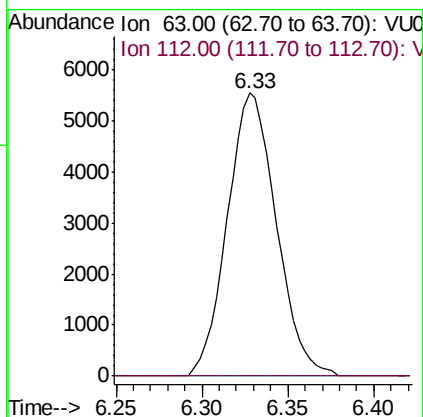
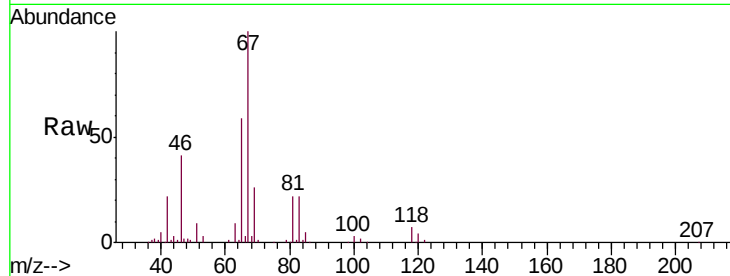




#37
 1,2-Dichloropropane
 Concen: 5.121 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028933.D
 Acq: 24 Dec 2018 09:28

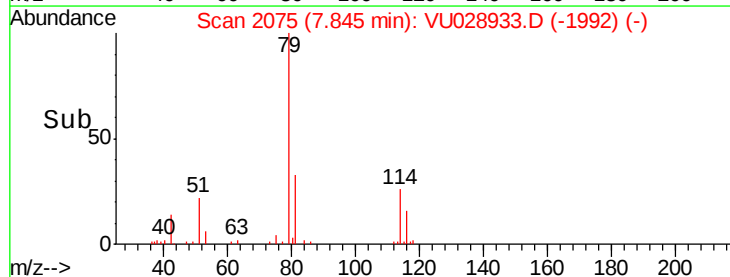
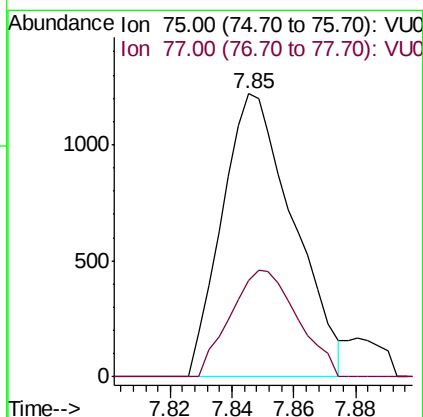
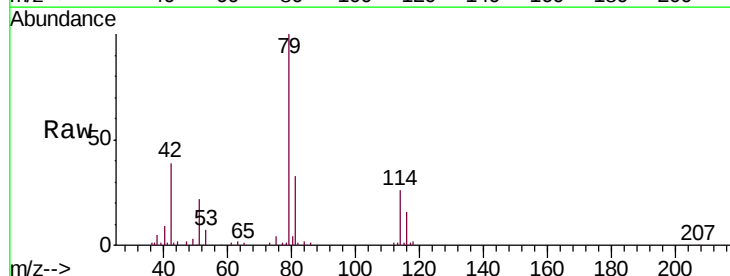
Instrument :
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 ClientSampleId :
 VBLK44

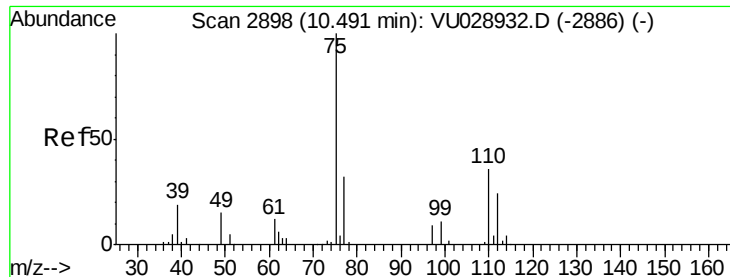
Tgt Ion: 63 Resp: 10966
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.718 ug/L
 RT: 7.85 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: VU028933.D
 Acq: 24 Dec 2018 09:28

Tgt Ion: 75 Resp: 1954
 Ion Ratio Lower Upper
 75 100
 77 34.2 21.8 40.6

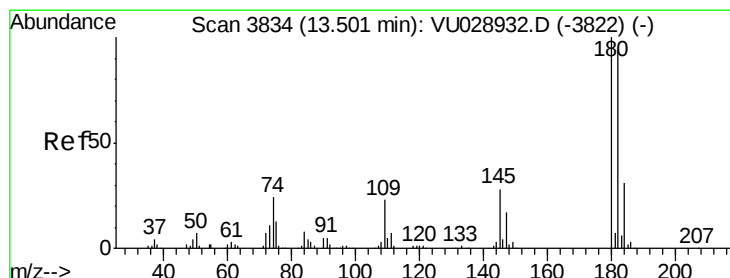
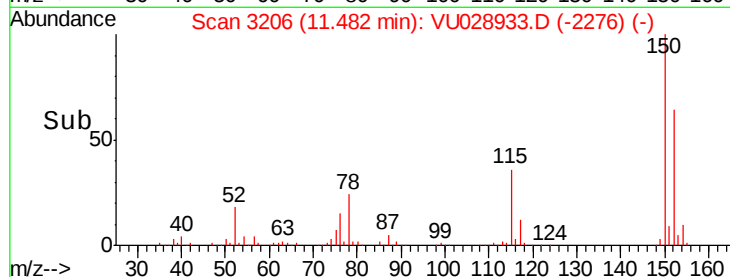
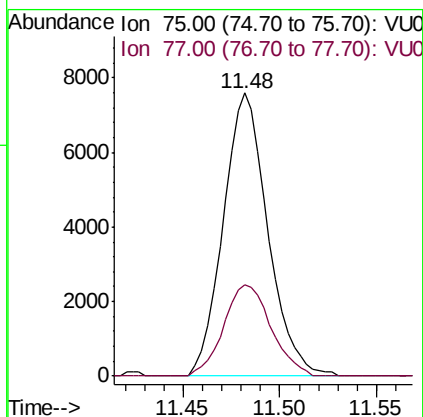
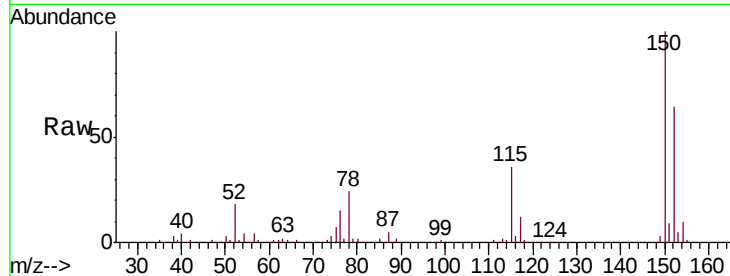




#59
 1,2,3-Trichloropropane
 Concen: 4.744 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028933.D
 Acq: 24 Dec 2018 09:28

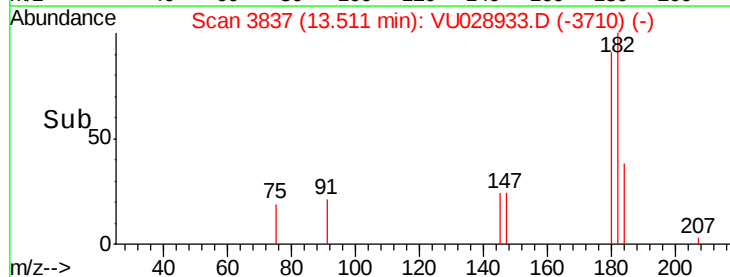
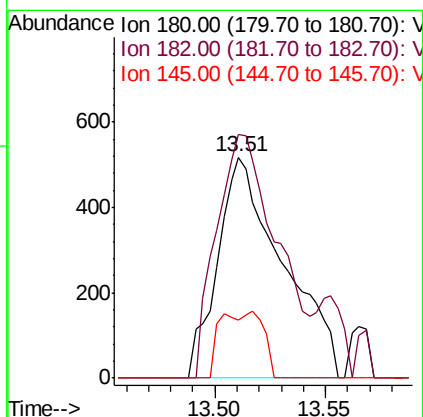
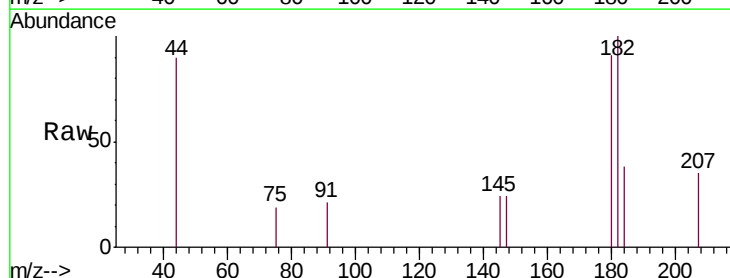
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 ClientSampleId :
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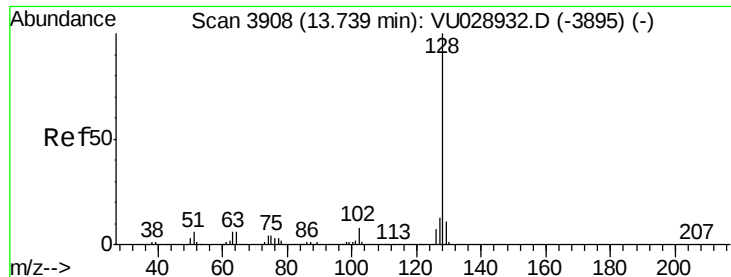
Tgt Ion: 75 Resp: 12122
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.5 38.3



#68
 1,2,4-trichlorobenzene
 Concen: 0.504 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU028933.D
 Acq: 24 Dec 2018 09:28

Tgt Ion: 180 Resp: 1061
 Ion Ratio Lower Upper
 180 100
 182 102.7 77.4 116.0
 145 10.1 23.5 35.3#





#69

Naphthalene

Concen: 0.527 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU028933.D

Acq: 24 Dec 2018 09:28

Instrument :

MSVOA_U

ClientSampleId :

VBLK44

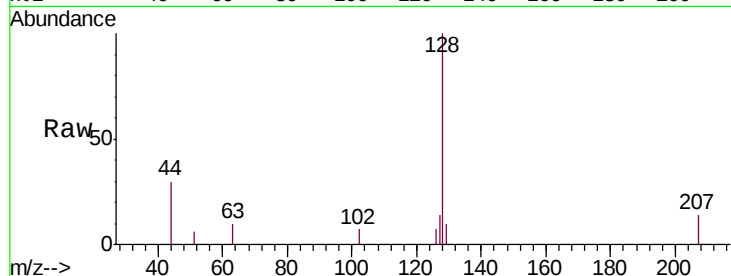
Tgt Ion:128 Resp: 3847

Ion Ratio Lower Upper

128 100

127 5.2 10.5 15.7#

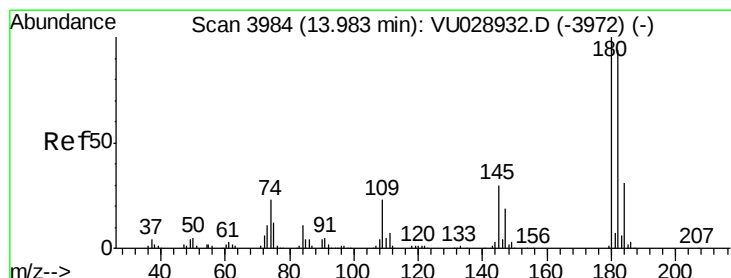
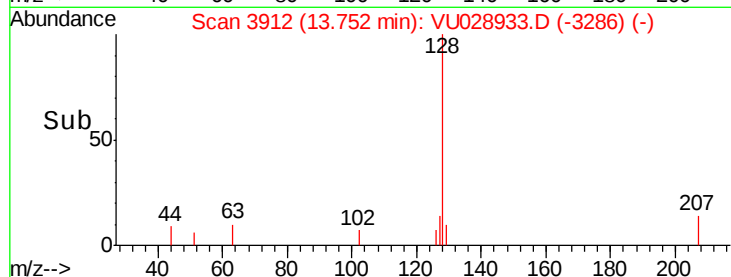
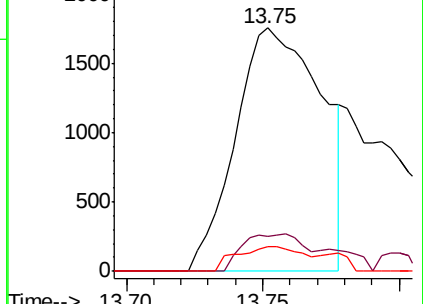
129 2.9 8.7 13.1#



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: 0.535 ug/L

RT: 14.00 min Scan# 3989

Delta R.T. 0.02 min

Lab File: VU028933.D

Acq: 24 Dec 2018 09:28

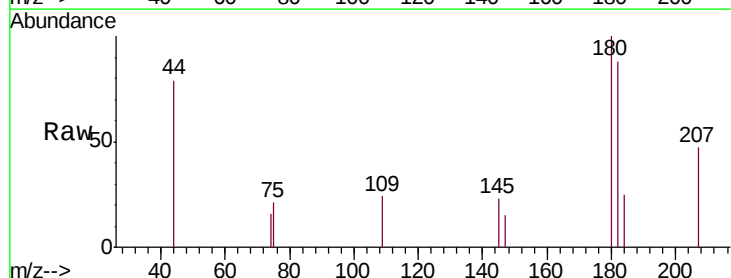
Tgt Ion:180 Resp: 1214

Ion Ratio Lower Upper

180 100

182 104.4 75.8 113.8

145 19.4 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

