

Data File : VU033663.D
Acq On : 09 Aug 2019 01:28
Operator : JC/SP
Sample : VU0808MBL02
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: Aug 09 09:19:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 09:08:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	275807	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277959	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	135110	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.67	69	122654	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.08%
11) 1,1-Dichloroethene-d2	2.26	63	180910	35.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.88%
21) 2-Butanone-d5	4.15	46	234323	102.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.62	84	244375	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.29	65	167830	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
32) Benzene-d6	5.32	84	498358	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.31	67	161509	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	7.55	98	442823	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%
43) trans-1,3-Dichloropropene-	7.83	79	74066	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.29	63	168046	101.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	250089	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	181206	50.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.98%

Target Compounds

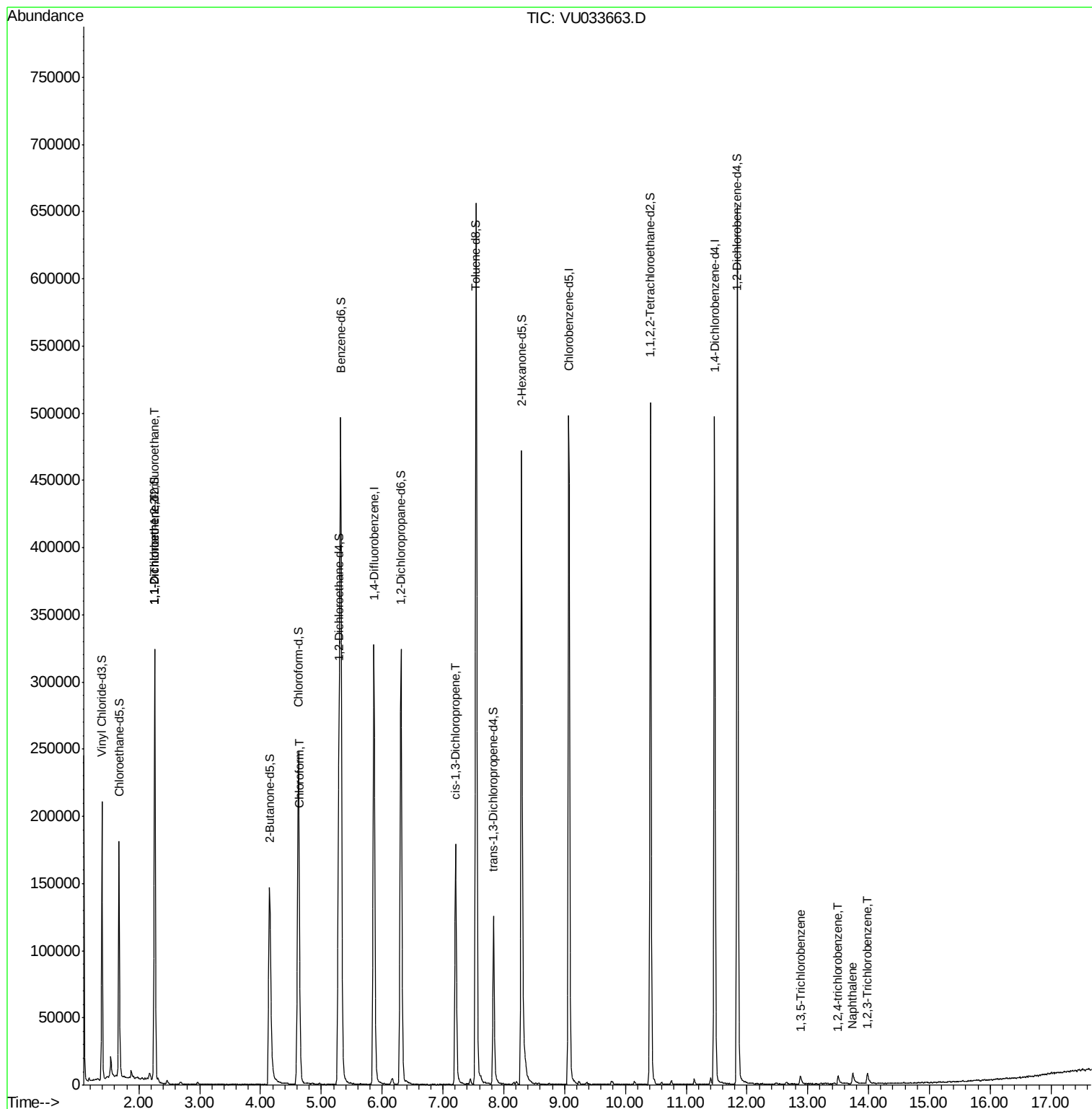
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1948	0.953	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2089	1.071	ug/L #	1
25) Chloroform	4.65	83	6570	1.582	ug/L	86
39) cis-1,3-Dichloropropene	7.21	75	4999	1.416	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.88	180	3155	0.955	ug/L #	85
68) 1,2,4-trichlorobenzene	13.50	180	3016	1.093	ug/L #	85
69) Naphthalene	13.74	128	11676	1.448	ug/L #	89
70) 1,2,3-Trichlorobenzene	13.98	180	2892	1.004	ug/L #	69

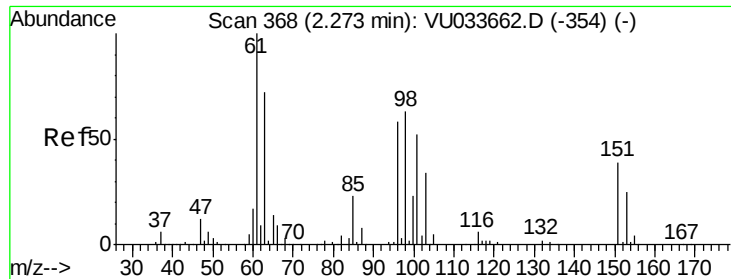
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.953 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK45

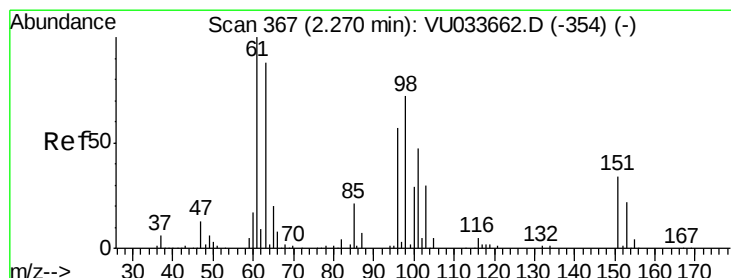
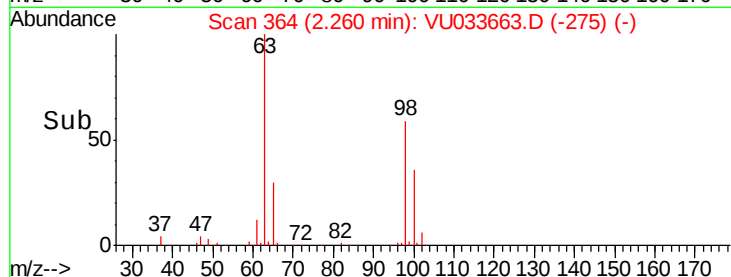
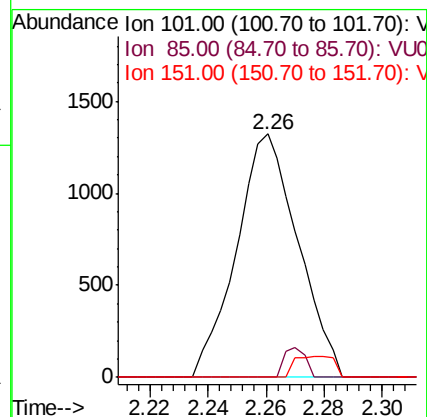
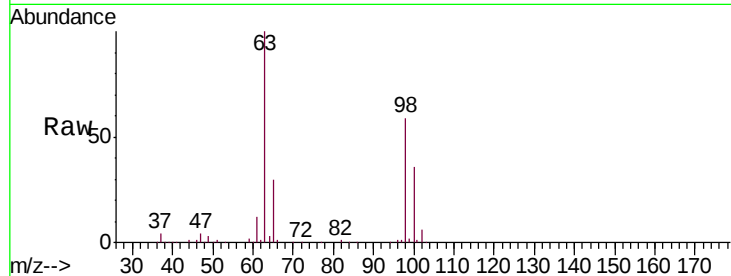
Tgt Ion: 101 Resp: 1948

Ion Ratio Lower Upper

101 100

85 4.2 34.8 52.2#

151 0.0 60.4 90.6#



#12

1,1-Dichloroethene

Concen: 1.071 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU033663.D

Acq: 09 Aug 2019 01:28

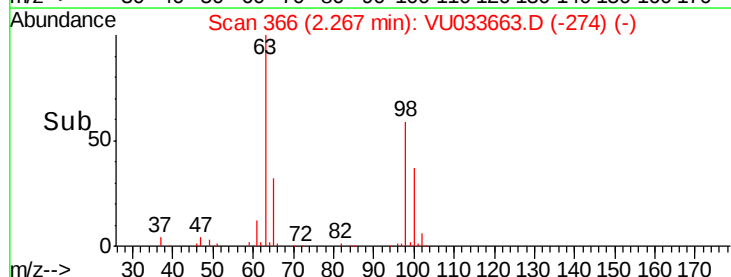
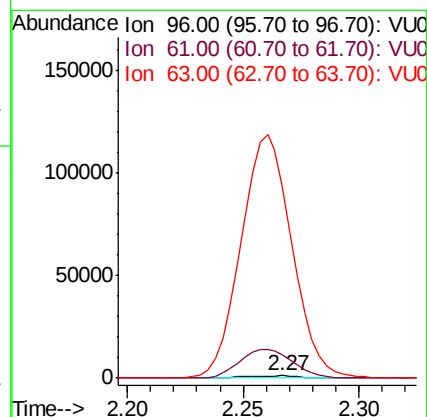
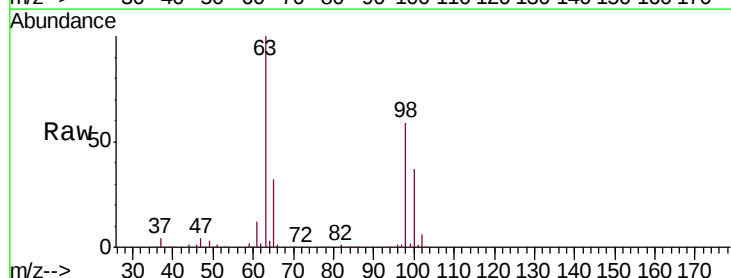
Tgt Ion: 96 Resp: 2089

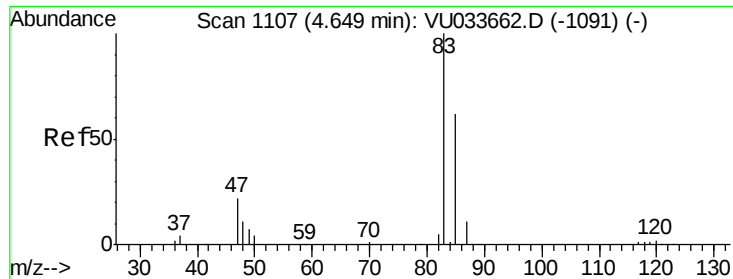
Ion Ratio Lower Upper

96 100

61 980.5 124.0 230.2#

63 8150.1 114.9 213.5#

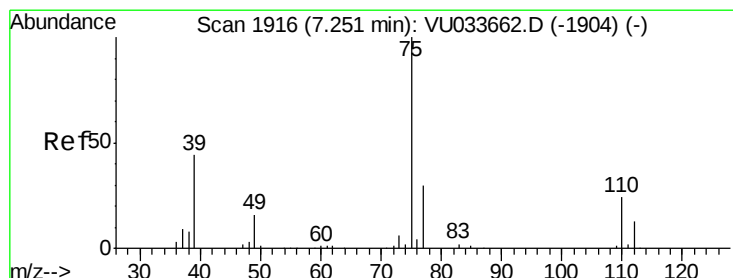
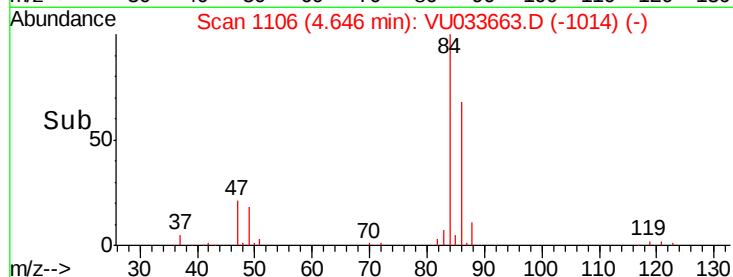
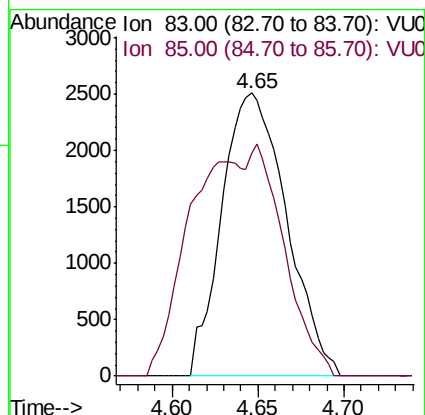
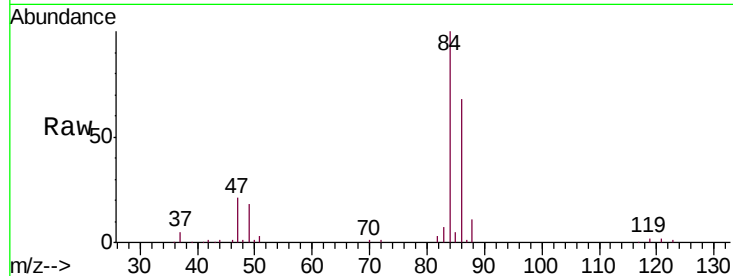




#25
Chloroform
Concen: 1.582 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033663.D
Acq: 09 Aug 2019 01:28

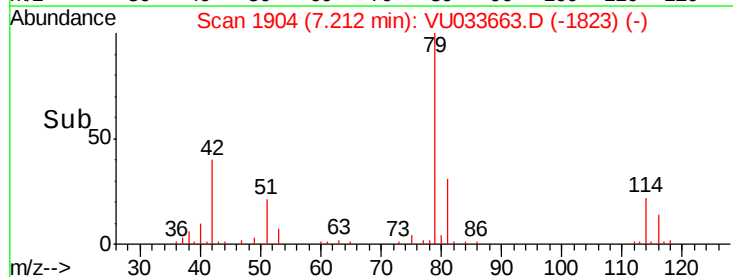
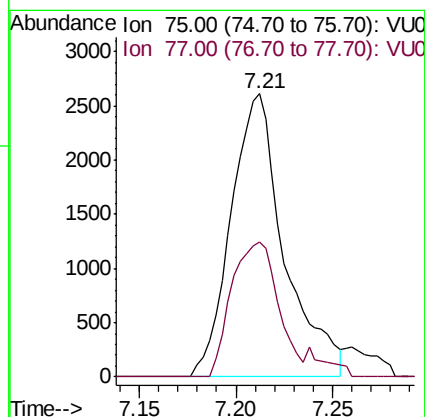
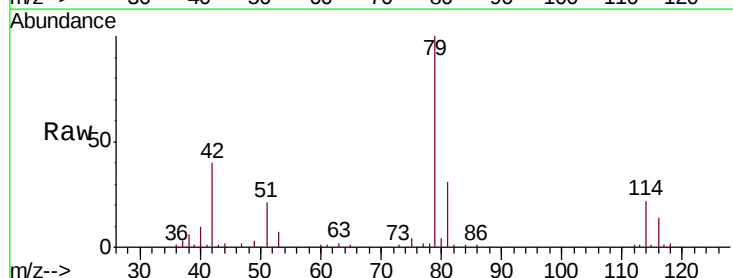
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VBLK45

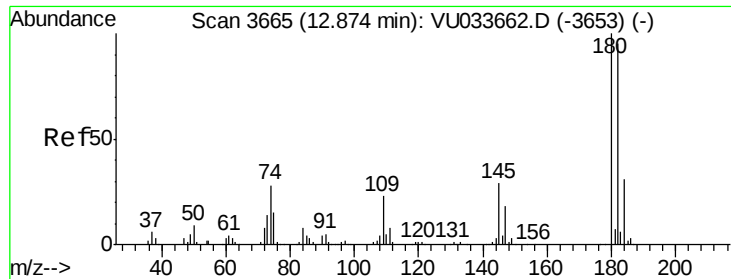
Tgt Ion: 83 Resp: 6570
Ion Ratio Lower Upper
83 100
85 78.7 47.2 87.6



#39
cis-1,3-Dichloropropene
Concen: 1.416 ug/L
RT: 7.21 min Scan# 1904
Delta R.T. -0.04 min
Lab File: VU033663.D
Acq: 09 Aug 2019 01:28

Tgt Ion: 75 Resp: 4999
Ion Ratio Lower Upper
75 100
77 47.6 22.5 41.9#

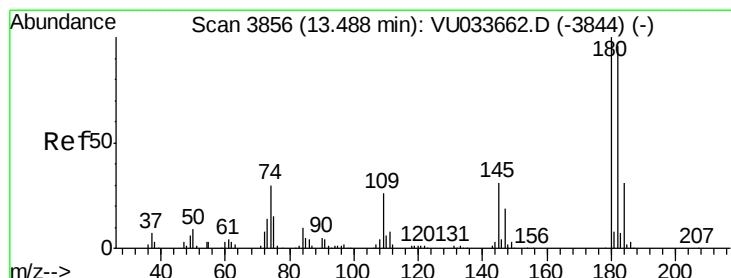
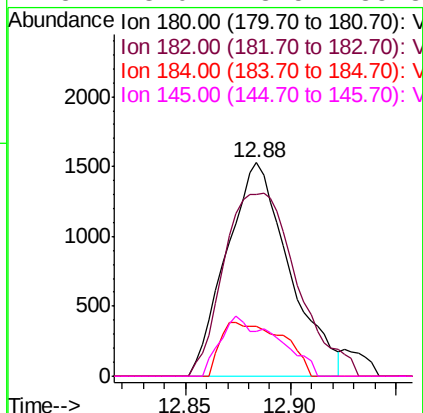
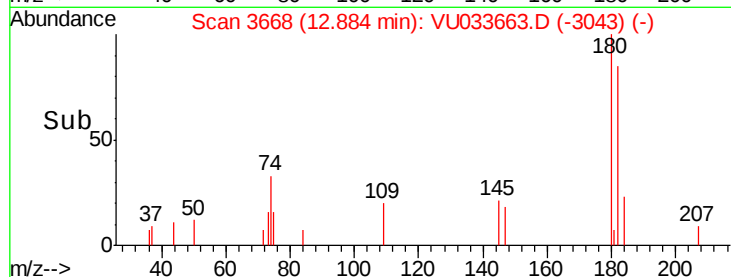
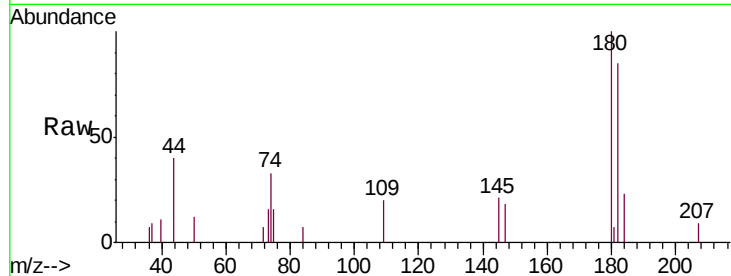




#67
 1,3,5-Trichlorobenzene
 Concen: 0.955 ug/L
 RT: 12.88 min Scan# 3668
 Delta R.T. 0.01 min
 Lab File: VU033663.D
 Acq: 09 Aug 2019 01:28

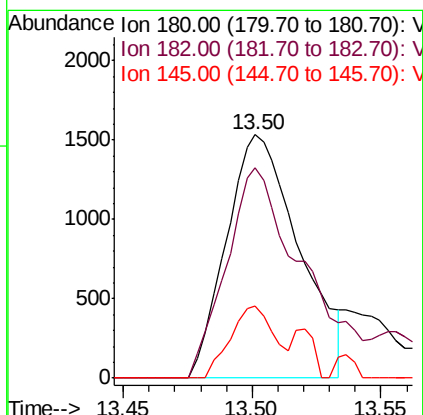
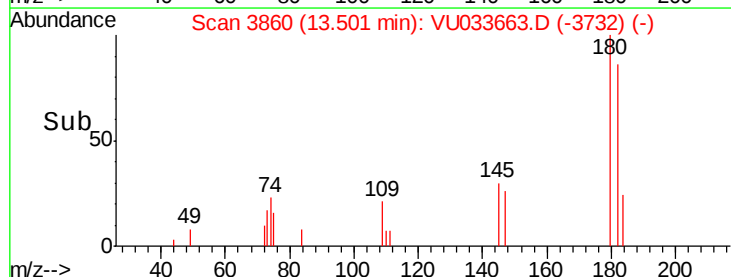
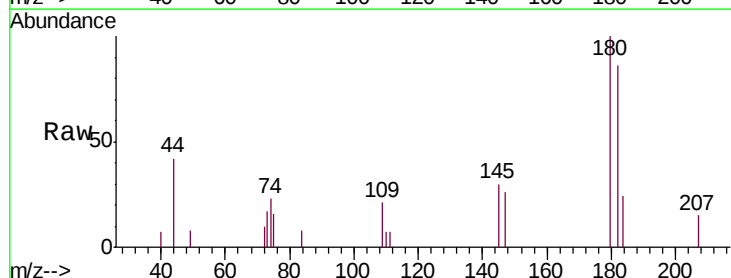
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK45

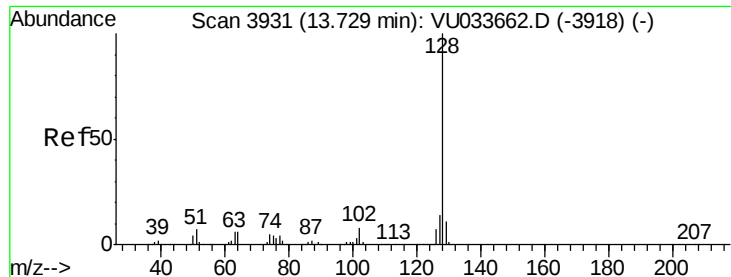
Tgt Ion:180 Resp: 3155
 Ion Ratio Lower Upper
 180 100
 182 100.1 76.3 114.5
 184 11.9 24.2 36.4#
 145 13.0 23.5 35.3#



#68
 1,2,4-trichlorobenzene
 Concen: 1.093 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.01 min
 Lab File: VU033663.D
 Acq: 09 Aug 2019 01:28

Tgt Ion:180 Resp: 3016
 Ion Ratio Lower Upper
 180 100
 182 85.2 78.5 117.7
 145 18.2 23.6 35.4#





#69

Naphthalene

Concen: 1.448 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. 0.01 min

Lab File: VU033663.D

Acq: 09 Aug 2019 01:28

Instrument :

MSVOA_U

ClientSampled :

VBLK45

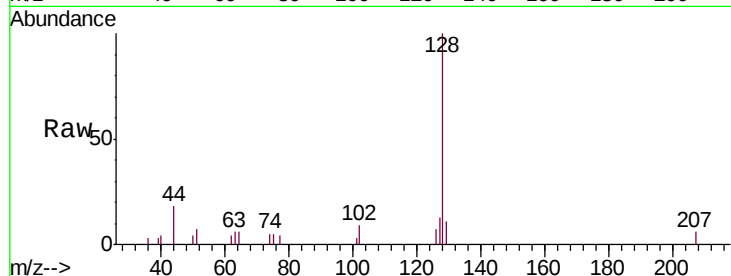
Tgt Ion:128 Resp: 11676

Ion Ratio Lower Upper

128 100

127 9.9 10.6 16.0#

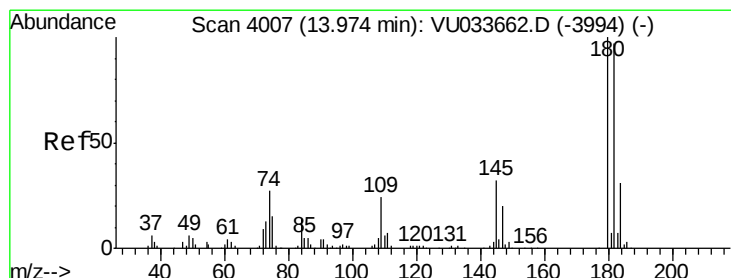
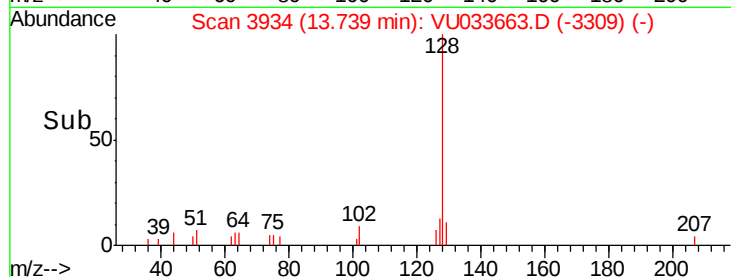
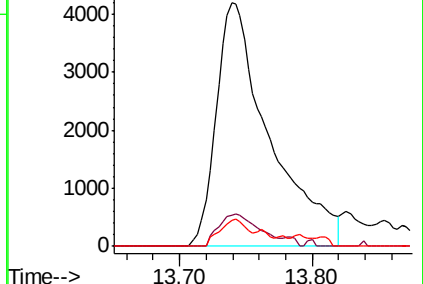
129 5.7 8.8 13.2#



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: 1.004 ug/L

RT: 13.98 min Scan# 4009

Delta R.T. 0.01 min

Lab File: VU033663.D

Acq: 09 Aug 2019 01:28

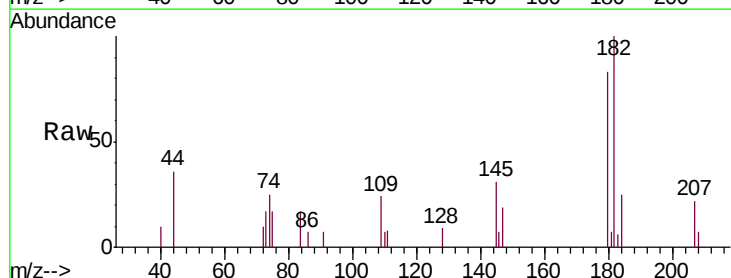
Tgt Ion:180 Resp: 2892

Ion Ratio Lower Upper

180 100

182 130.8 76.6 115.0#

145 39.6 25.1 37.7#



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

