

Data File : VU035800.D
Acq On : 21 Nov 2019 13:52
Operator : JC/SP
Sample : VU1121WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK11

Quant Time: Nov 22 01:36:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255684	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	283072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	159715	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.93	69	142385	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	219934	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.71	46	419584	54.28	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	5.11	84	261677	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.75	65	158154	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	529861	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.74	67	183724	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	441861	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.22	79	65604	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.69	63	277426	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	142191	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	130813	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

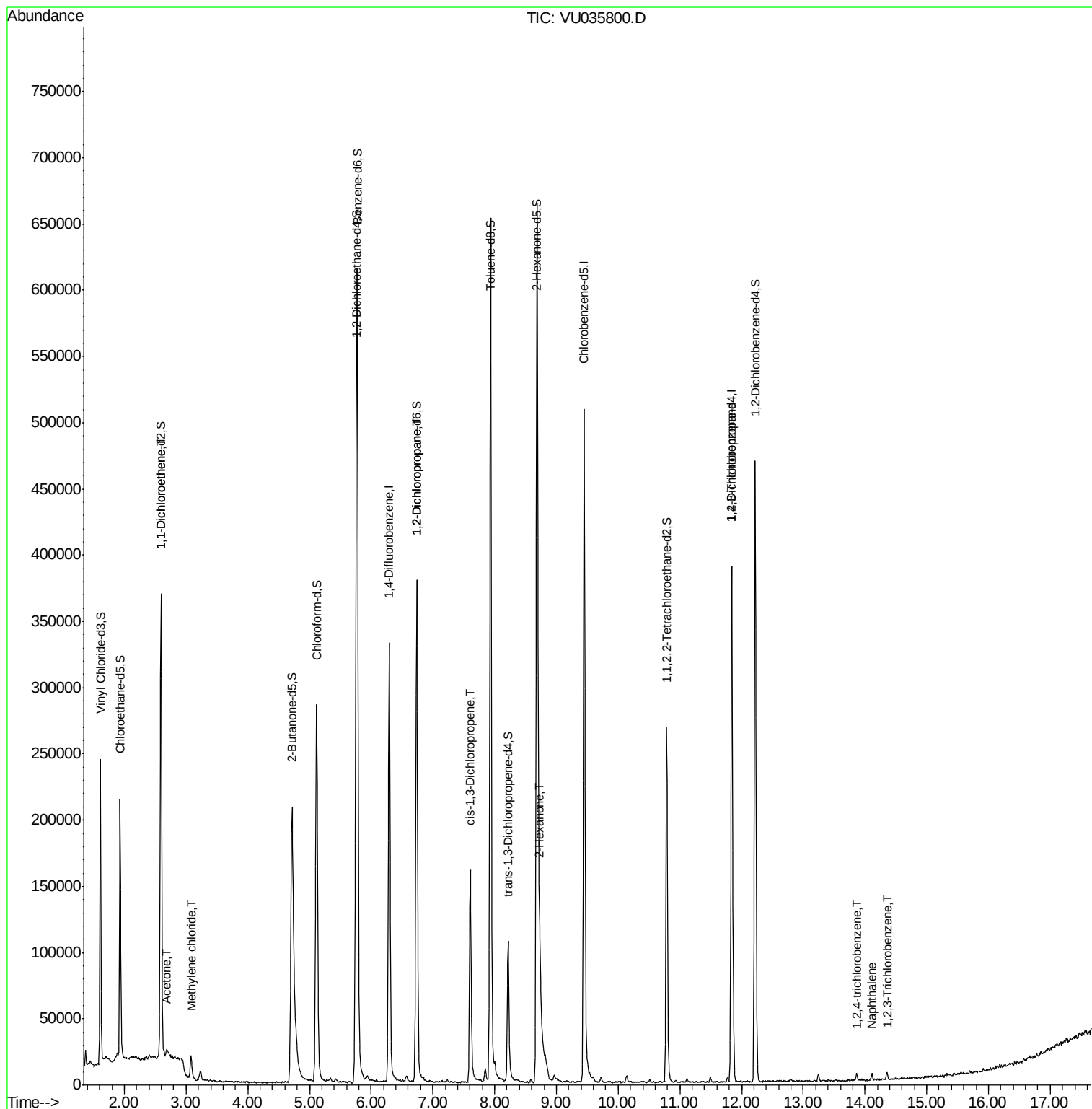
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1780	0.067 ug/L #	1
13) Acetone	2.69	43	10478	1.543 ug/L	99
16) Methylene chloride	3.08	84	8144	0.253 ug/L	94
37) 1,2-Dichloropropane	6.73	63	20470	0.611 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	5034	0.116 ug/L #	24
48) 2-Hexanone	8.73	43	21379	1.411 ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	16562	0.760 ug/L	91
68) 1,2,4-Trichlorobenzene	13.87	180	2113	0.151 ug/L #	81
69) Naphthalene	14.11	128	3151	0.160 ug/L #	93
70) 1,2,3-Trichlorobenzene	14.36	180	2045	0.151 ug/L	93

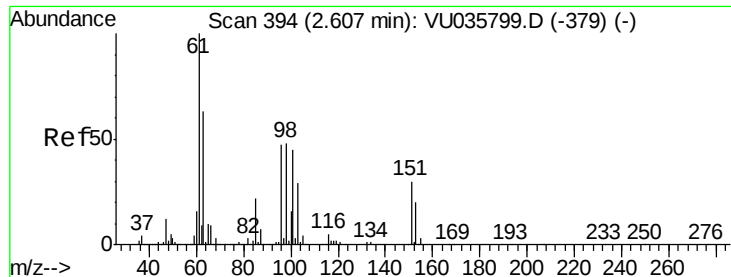
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035800.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK11

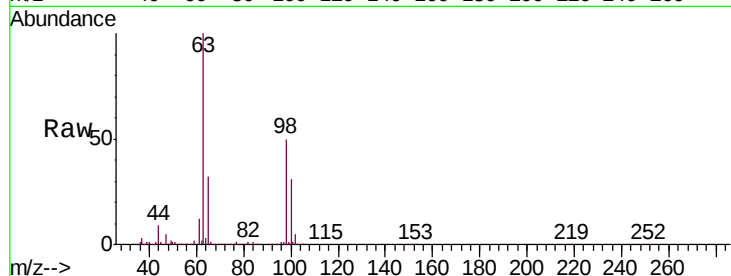
Tgt Ion: 96 Resp: 1780

Ion Ratio Lower Upper

96 100

61 1428.3 139.3 258.7#

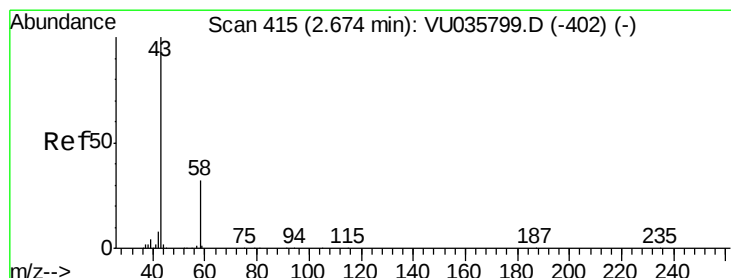
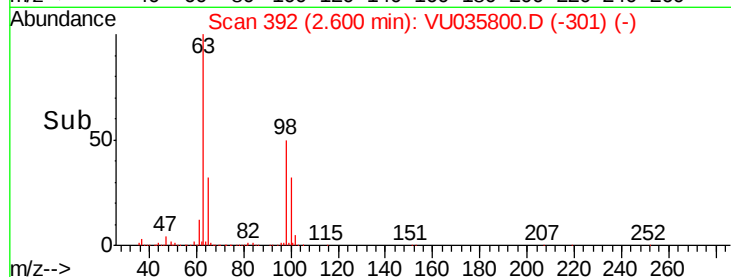
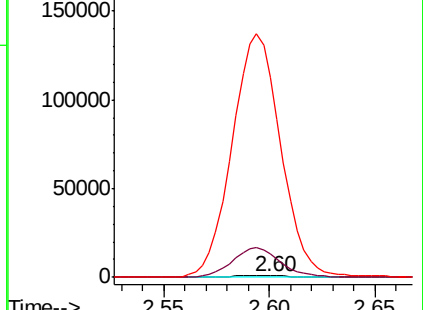
63 12273.3 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035800.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035800.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035800.D (-301) (-)



#13

Acetone

Concen: 1.543 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU035800.D

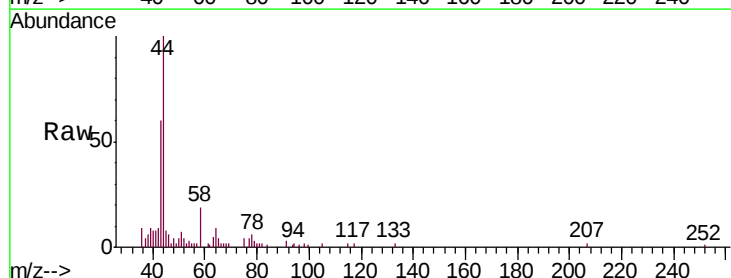
Acq: 21 Nov 2019 13:52

Tgt Ion: 43 Resp: 10478

Ion Ratio Lower Upper

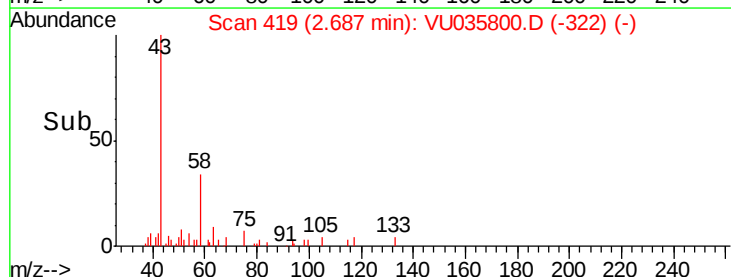
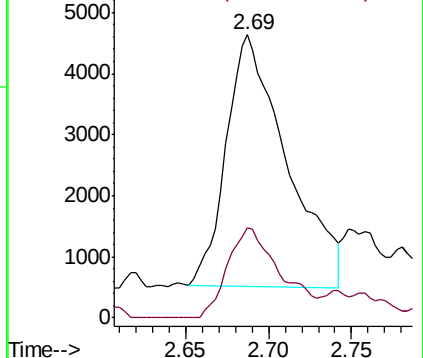
43 100

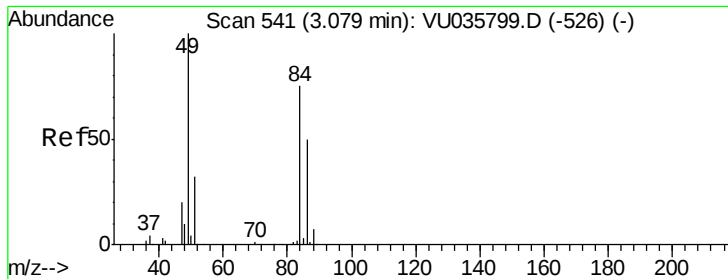
58 31.2 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035800.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU035800.D (-322) (-)

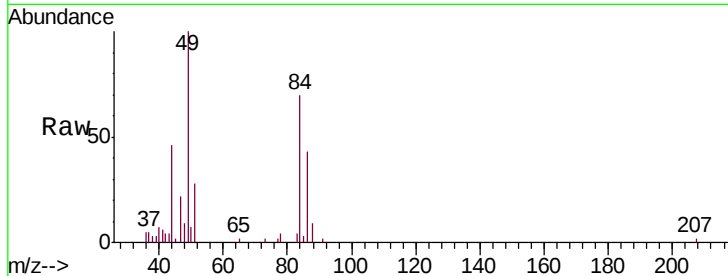




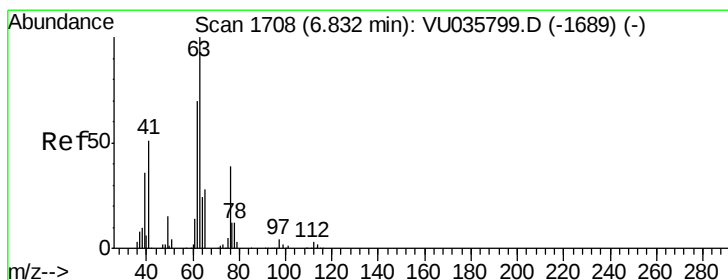
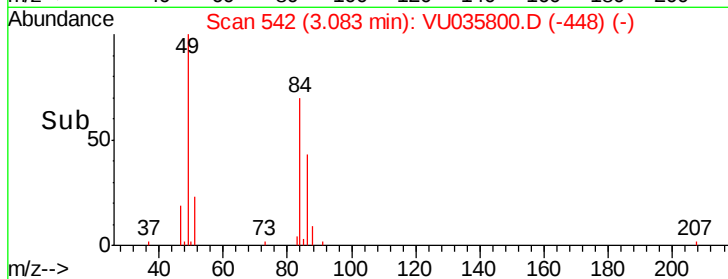
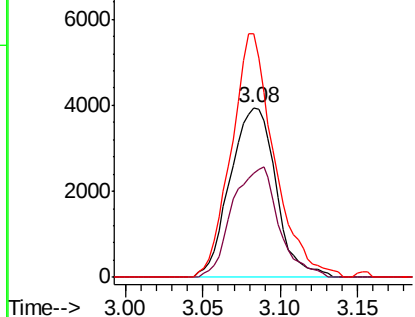
#16
Methylene chloride
Concen: 0.253 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035800.D
Acq: 21 Nov 2019 13:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK11

Tgt Ion: 84 Resp: 8144
Ion Ratio Lower Upper
84 100
86 60.9 44.4 82.5
49 143.2 94.0 174.6

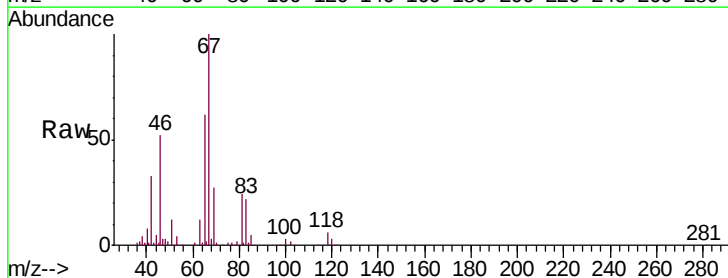


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

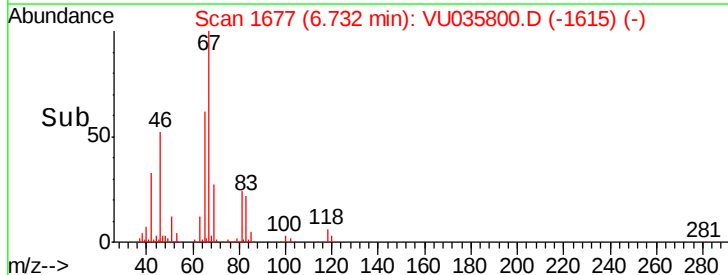
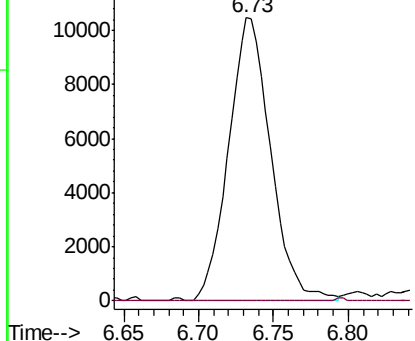


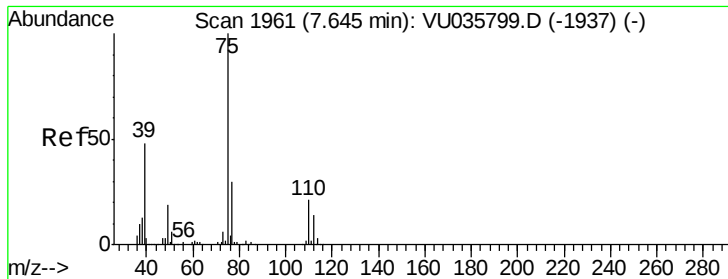
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035800.D
Acq: 21 Nov 2019 13:52

Tgt Ion: 63 Resp: 20470
Ion Ratio Lower Upper
63 100
112 0.2 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035800.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

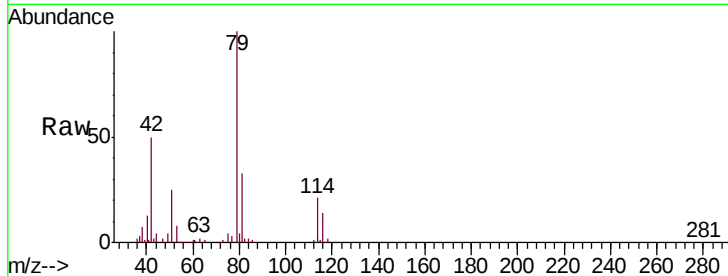
VBLK11

Tgt Ion: 75 Resp: 5034

Ion Ratio Lower Upper

75 100

77 73.6 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035799.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035799.D (-1937) (-)

7.60

2500

2000

1500

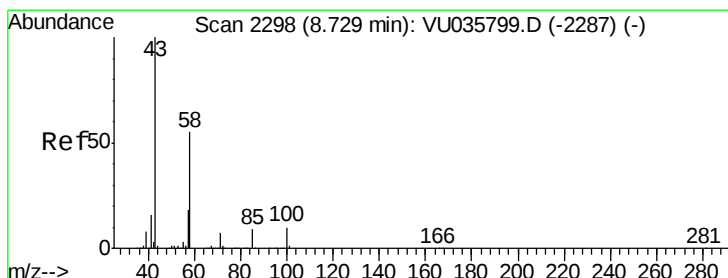
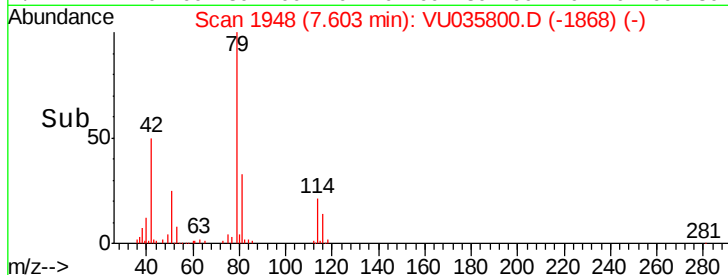
1000

500

0

7.55 7.60 7.65

Time-->



#48

2-Hexanone

Concen: 1.411 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VU035800.D

Acq: 21 Nov 2019 13:52

Tgt Ion: 43 Resp: 21379

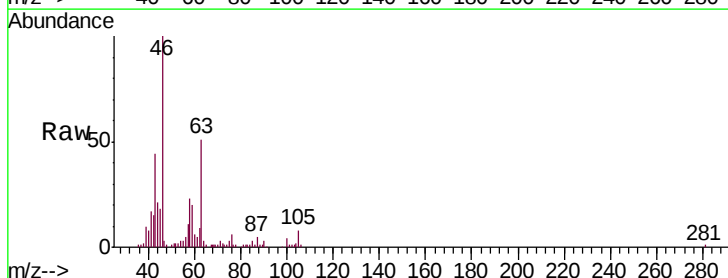
Ion Ratio Lower Upper

43 100

58 64.9 39.8 59.8#

57 22.1 14.0 21.0#

100 11.2 7.2 10.8#



Abundance Ion 43.05 (42.75 to 43.75): VU035799.D (-2287) (-)

Ion 58.05 (57.75 to 58.75): VU035799.D (-2287) (-)

Ion 57.20 (56.90 to 57.90): VU035799.D (-2287) (-)

Ion 100.15 (99.85 to 100.85): VU035799.D (-2287) (-)

25000

20000

15000

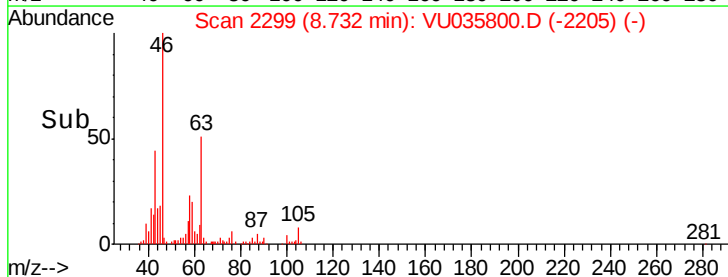
10000

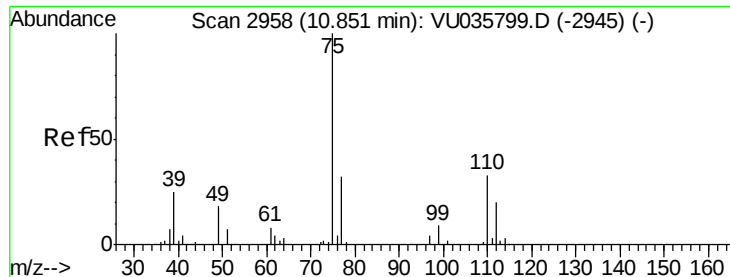
5000

0

8.70 8.73 8.80

Time-->

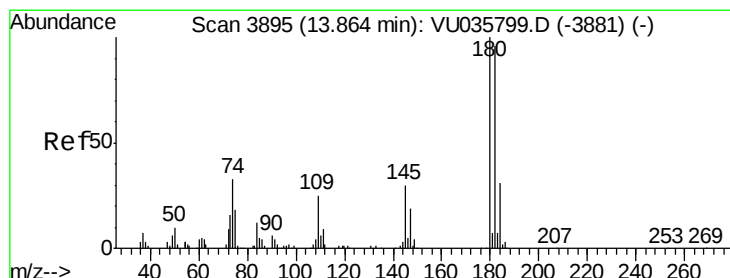
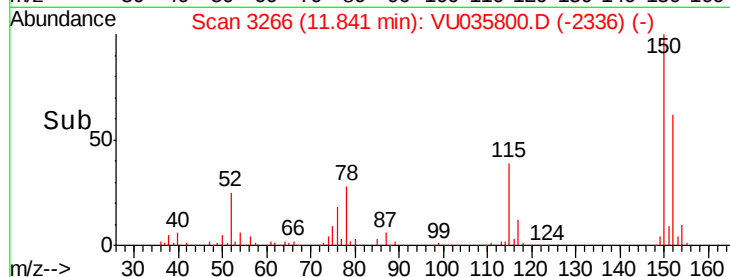
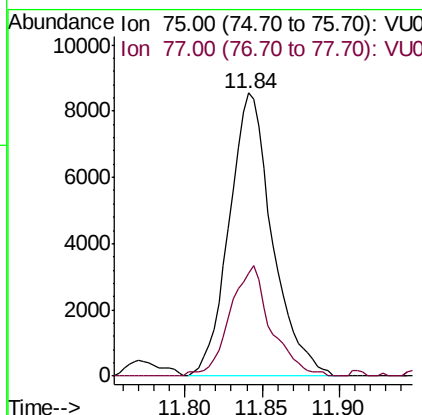
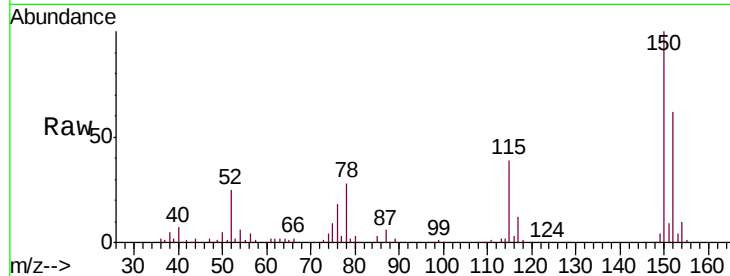




#59
 1,2,3-Trichloropropane
 Concen: 0.760 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035800.D
 Acq: 21 Nov 2019 13:52

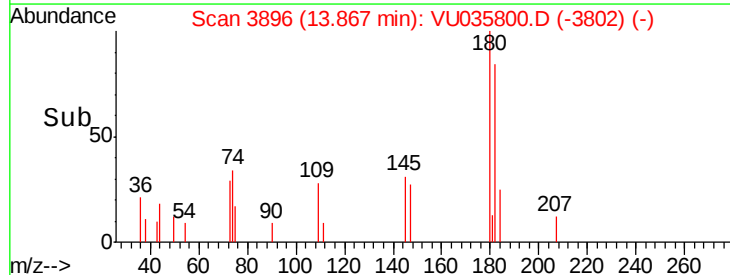
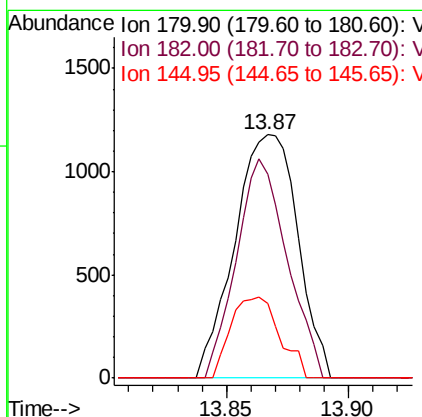
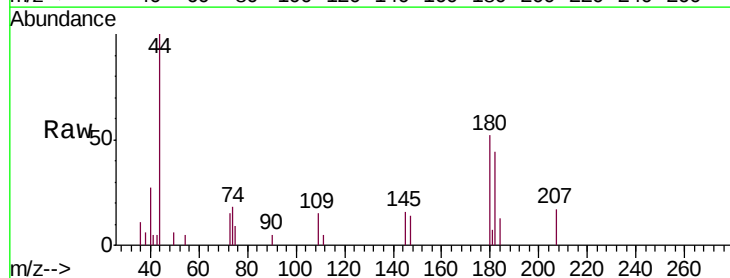
Instrument :
 MSVOA_U
 ClientSampleID :
 VBLK11

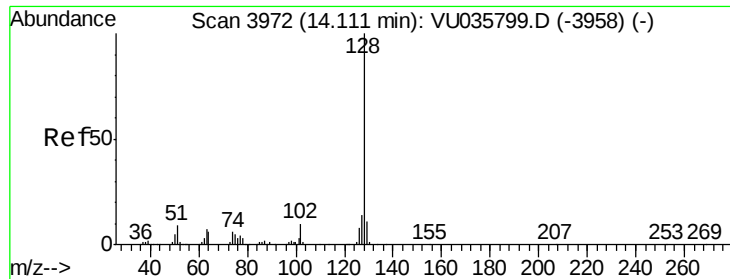
Tgt Ion: 75 Resp: 16562
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.4 38.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.151 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035800.D
 Acq: 21 Nov 2019 13:52

Tgt Ion: 180 Resp: 2113
 Ion Ratio Lower Upper
 180 100
 182 72.4 75.1 112.7#
 145 25.8 24.0 36.0





#69

Naphthalene

Concen: 0.160 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VU035800.D

Acq: 21 Nov 2019 13:52

Instrument :

MSVOA_U

ClientSampled :

VBLK11

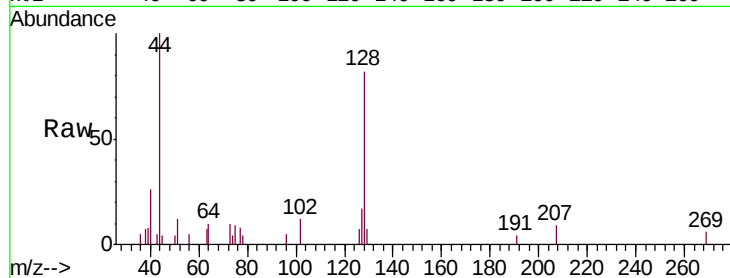
Tgt Ion:128 Resp: 3151

Ion Ratio Lower Upper

128 100

129 7.5 9.0 13.4#

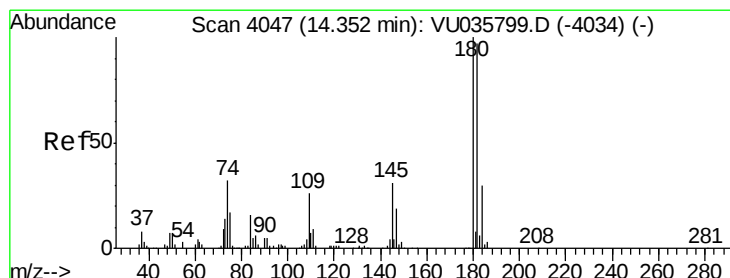
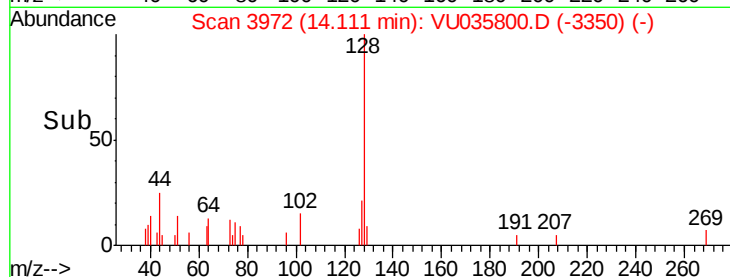
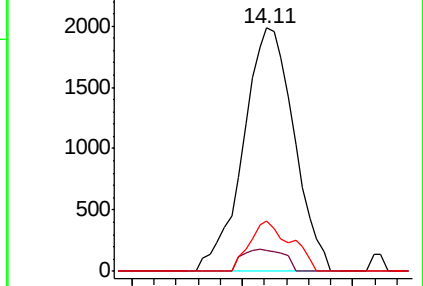
127 16.9 11.8 17.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.151 ug/L

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035800.D

Acq: 21 Nov 2019 13:52

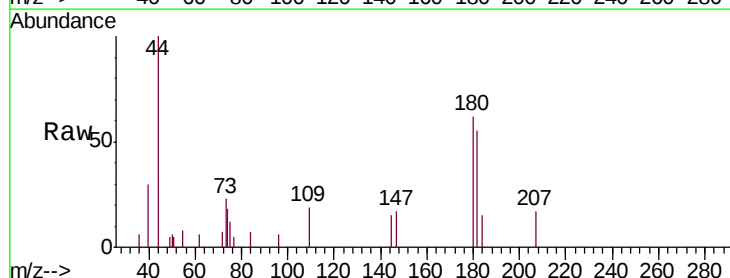
Tgt Ion:180 Resp: 2045

Ion Ratio Lower Upper

180 100

182 101.7 77.4 116.0

145 24.7 24.7 37.1



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

