

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\
 Data File : VU035192.D
 Acq On : 15 Oct 2019 17:04
 Operator : JC/SP
 Sample : K5317-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 19:25:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	219251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	224989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	77480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54646	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.68	69	54602	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.26	63	79825	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.17	46	195124	51.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	4.62	84	120098	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.29	65	68780	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.32	84	217023	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.31	67	82143	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.55	98	178083	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	7.84	79	23481	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.31	63	131277	43.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.98%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	70582	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	62368	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

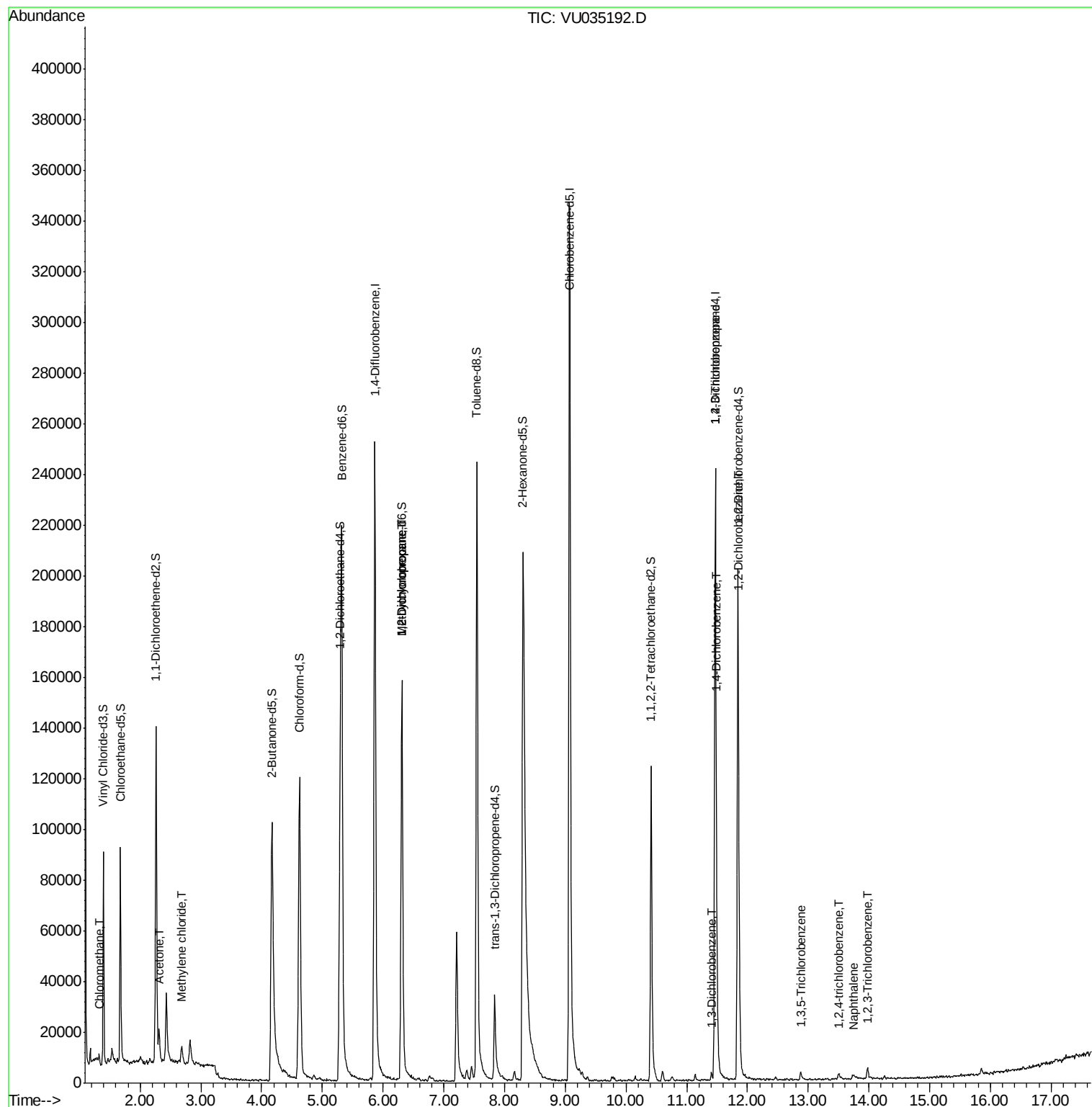
					Ovalue
3) Chloromethane	1.32	50	2520	0.115	ug/L 95
13) Acetone	2.31	43	13814	4.419	ug/L 97
16) Methylene chloride	2.68	84	2536	0.145	ug/L 83
35) Methylcyclohexane	6.31	83	18518	0.654	ug/L # 19
37) 1,2-Dichloropropane	6.31	63	8995	0.492	ug/L # 88
59) 1,2,3-Trichloropropane	11.47	75	11379	0.962	ug/L 93
62) 1,3-Dichlorobenzene	11.41	146	1800	0.075	ug/L 94
63) 1,4-Dichlorobenzene	11.49	146	2452	0.102	ug/L 84
65) 1,2-Dichlorobenzene	11.86	146	2154	0.094	ug/L # 81
67) 1,3,5-Trichlorobenzene	12.88	180	1411	0.087	ug/L # 74
68) 1,2,4-trichlorobenzene	13.50	180	1271	0.105	ug/L # 75
69) Naphthalene	13.76	128	3248	0.173	ug/L # 82
70) 1,2,3-Trichlorobenzene	13.98	180	2081	0.177	ug/L # 90

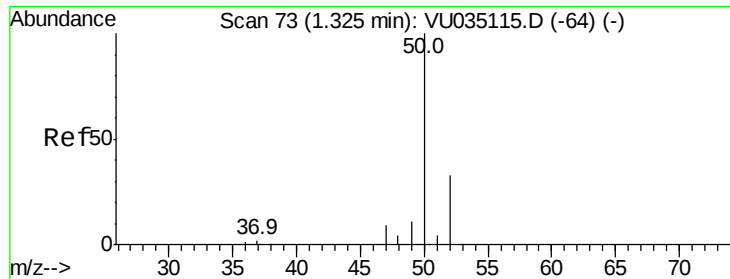
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101519\
Data File : VU035192.D
Acq On : 15 Oct 2019 17:04
Operator : JC/SP
Sample : K5317-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 15 19:25:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

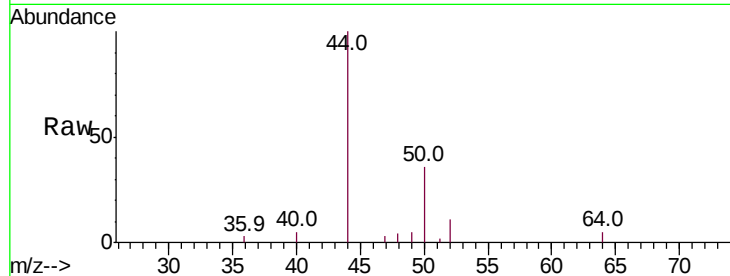
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 2520

Ion Ratio Lower Upper

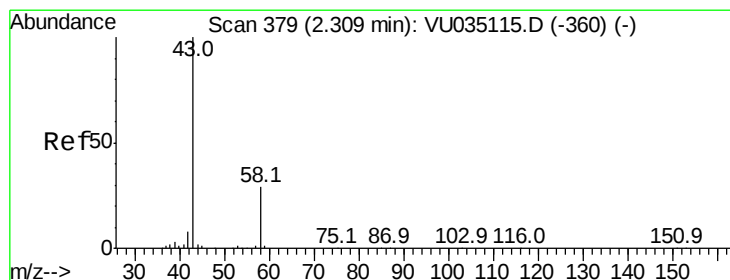
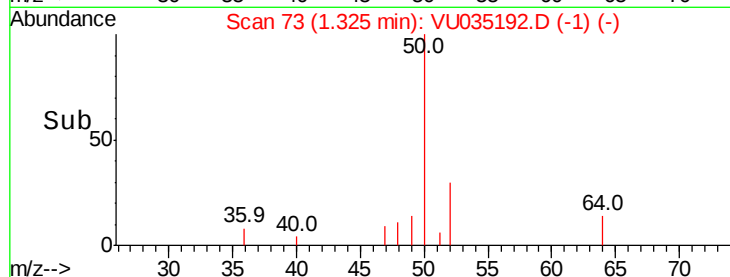
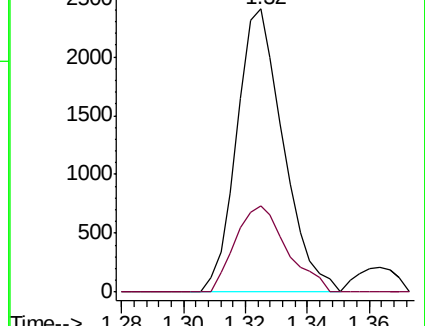
50 100

52 30.4 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035115.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035115.D (-64) (-)



#13

Acetone

Concen: 4.419 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035192.D

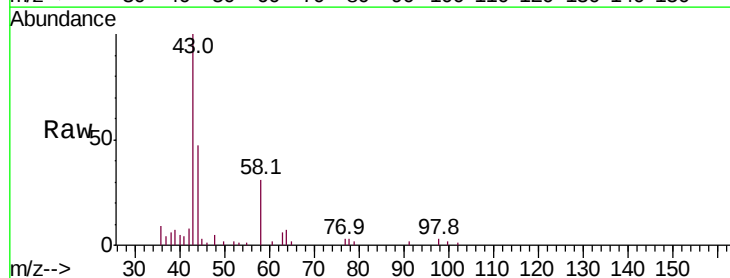
Acq: 15 Oct 2019 17:04

Tgt Ion: 43 Resp: 13814

Ion Ratio Lower Upper

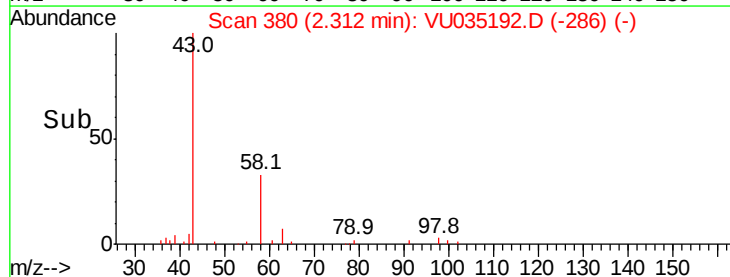
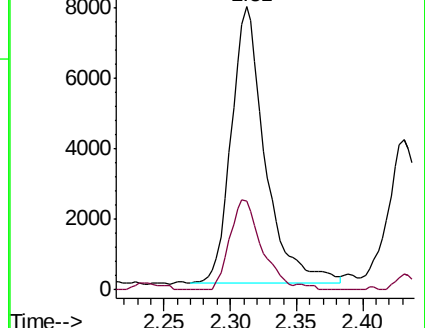
43 100

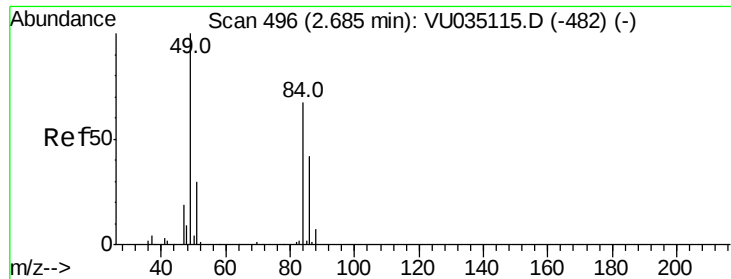
58 31.4 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035115.D (-360) (-)

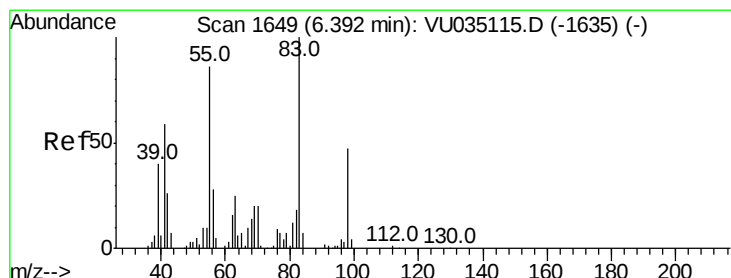
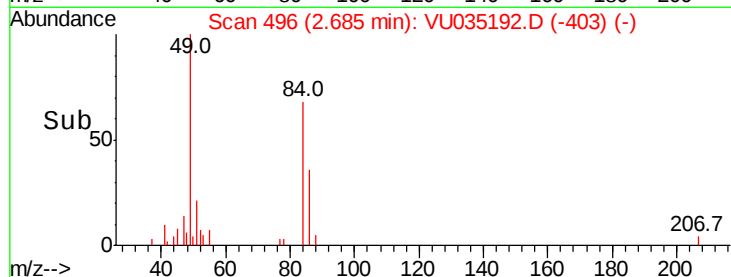
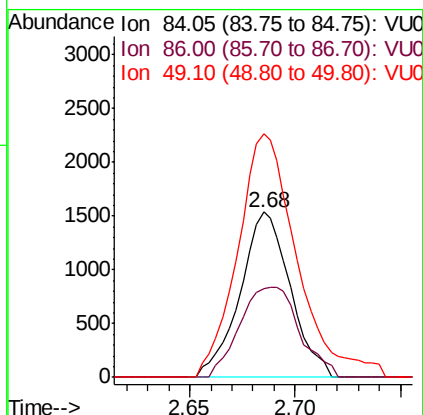
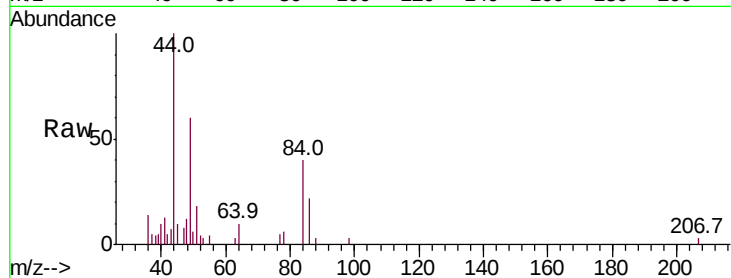




#16
Methvlene chloride
Concen: 0.145 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035192.D
Acq: 15 Oct 2019 17:04

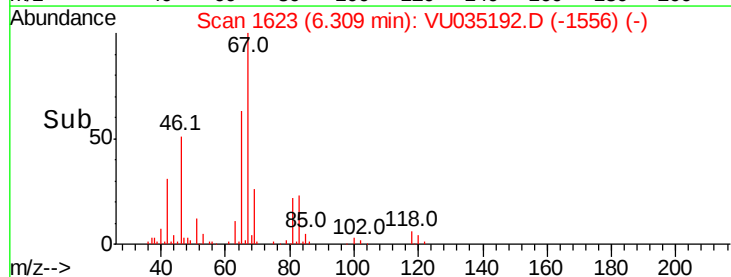
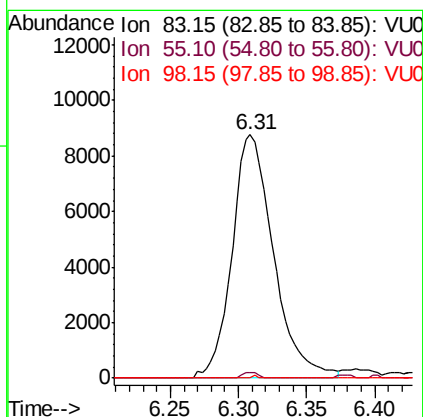
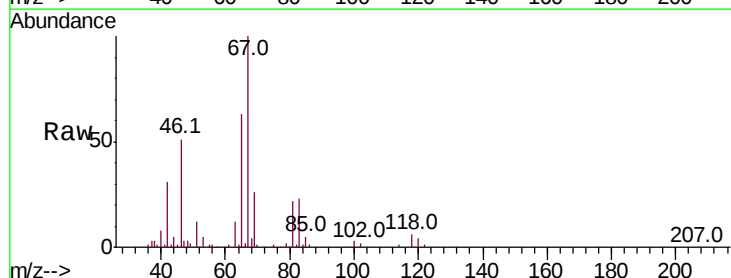
Instrument :
MSVOA_U
ClientSampleId :

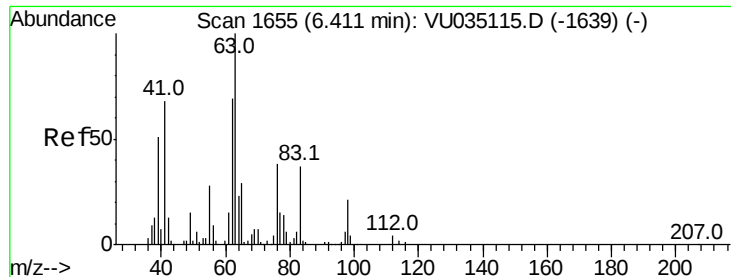
Tot Ion: 84 Resp: 2536
Ion Ratio Lower Upper
84 100
86 53.5 42.5 78.9
49 147.5 86.9 161.3



#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035192.D
Acq: 15 Oct 2019 17:04

Tgt Ion: 83 Resp: 18518
Ion Ratio Lower Upper
83 100
55 0.8 62.6 94.0#
98 0.1 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

Instrument :

MSVOA_U

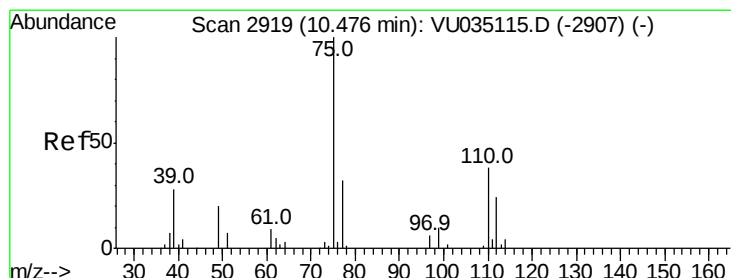
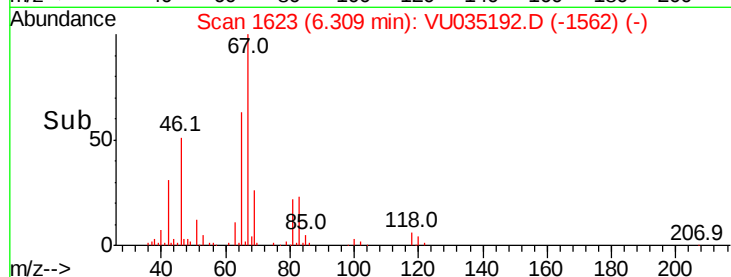
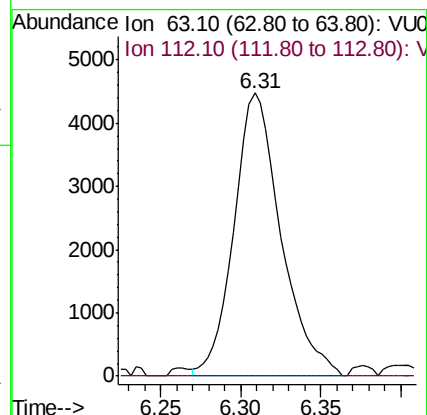
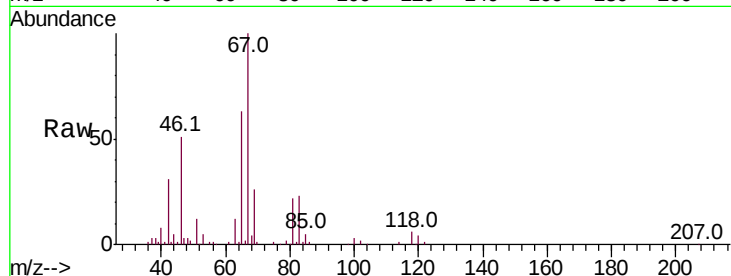
ClientSampleId :

Tot Ion: 63 Resp: 8995

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#59

1,2,3-Trichloropropane

Concen: 0.962 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 1.00 min

Lab File: VU035192.D

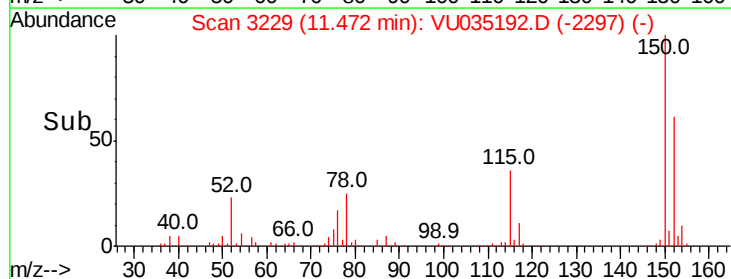
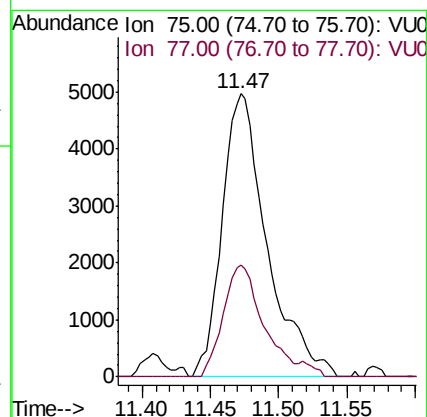
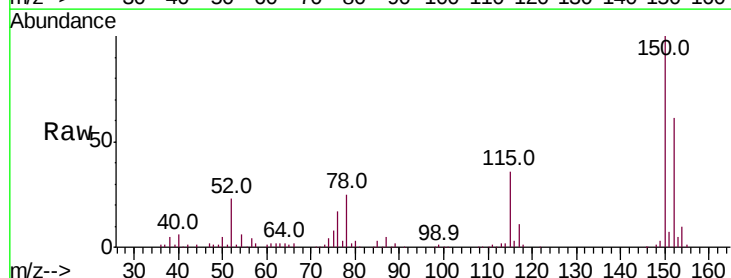
Acq: 15 Oct 2019 17:04

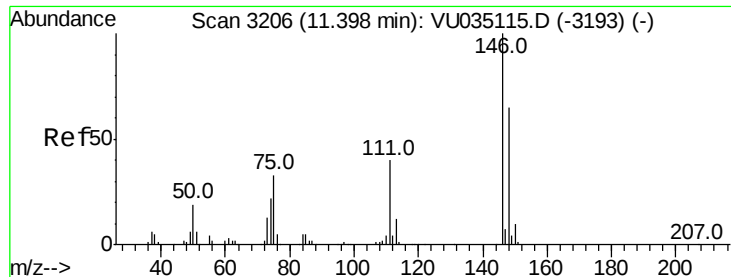
Tgt Ion: 75 Resp: 11379

Ion Ratio Lower Upper

75 100

77 36.9 26.5 39.7





#62

1,3-Dichlorobenzene

Concen: 0.075 ug/L

RT: 11.41 min Scan# 3210

Delta R.T. 0.01 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

Instrument :

MSVOA_U

ClientSampled :

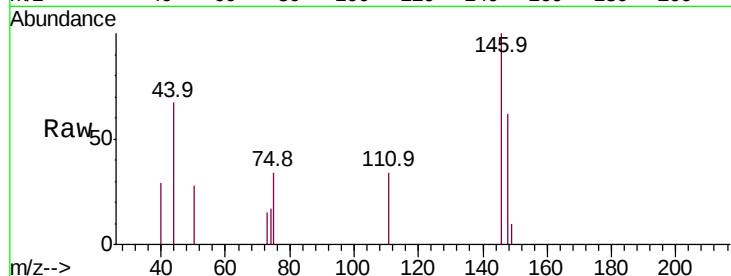
Tot Ion:146 Resp: 1800

Ion Ratio Lower Upper

146 100

111 34.3 28.6 53.2

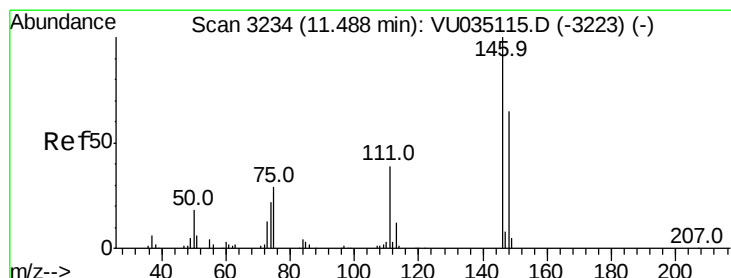
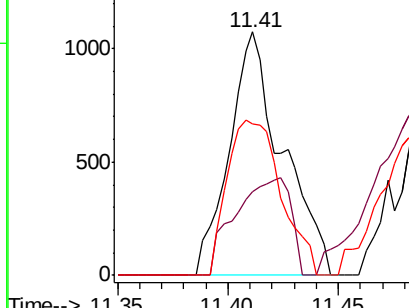
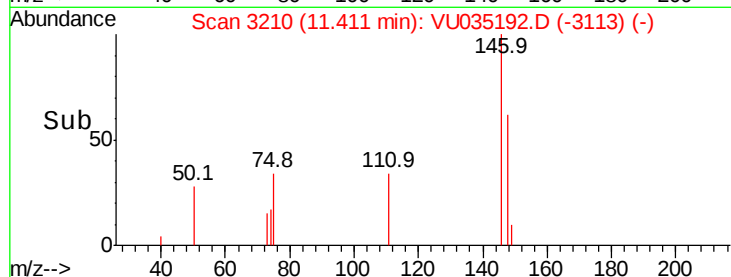
148 62.2 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.102 ug/L

RT: 11.49 min Scan# 3236

Delta R.T. 0.01 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

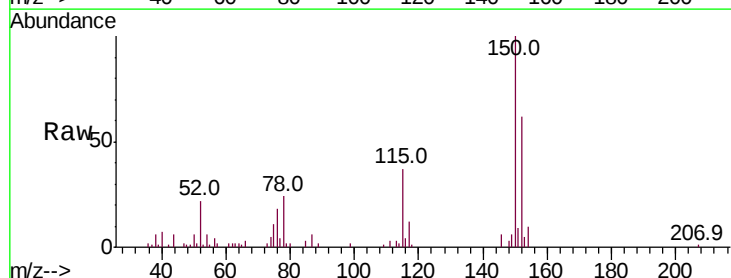
Tgt Ion:146 Resp: 2452

Ion Ratio Lower Upper

146 100

111 50.0 27.9 51.7

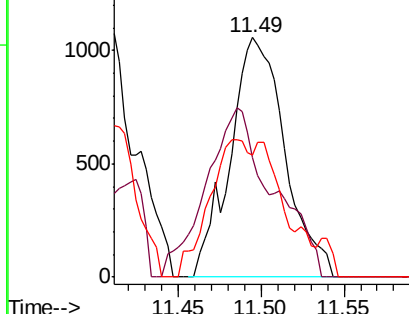
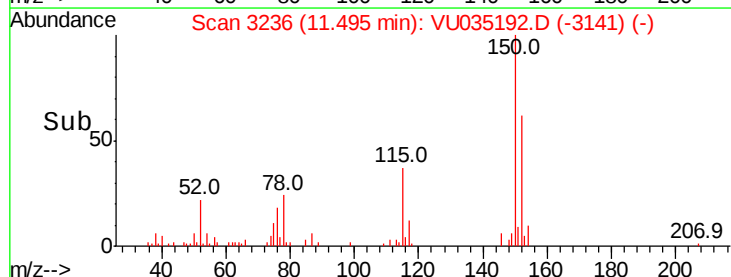
148 51.1 44.1 81.9

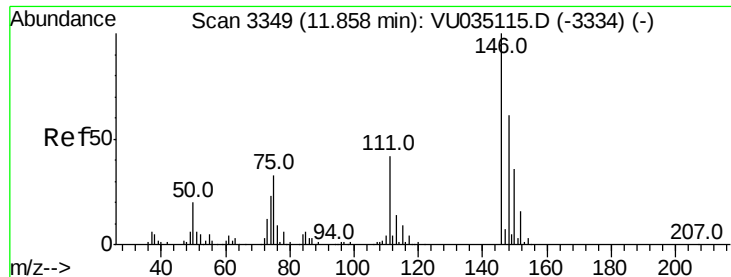


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.094 ug/L

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

Instrument :

MSVOA_U

ClientSampled :

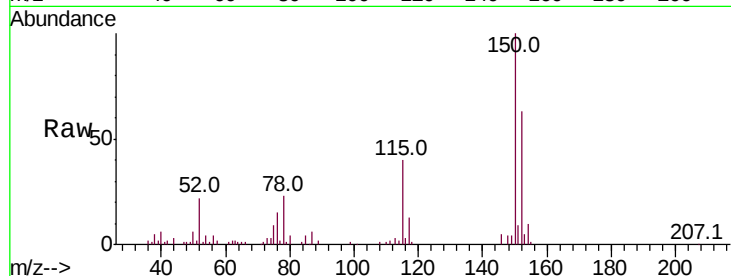
Tot Ion:146 Resp: 2154

Ion Ratio Lower Upper

146 100

111 50.3 34.2 51.4

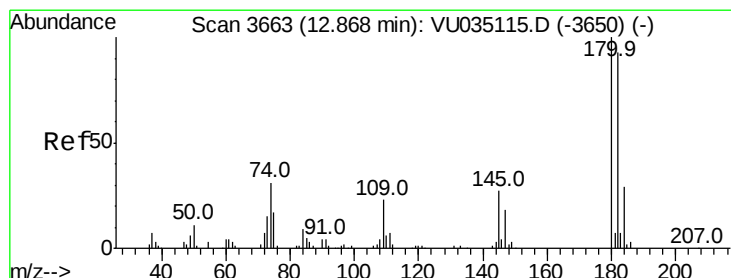
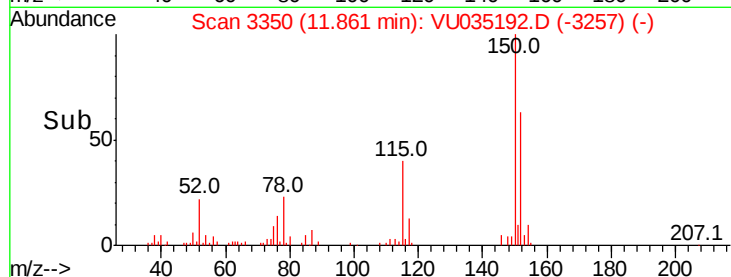
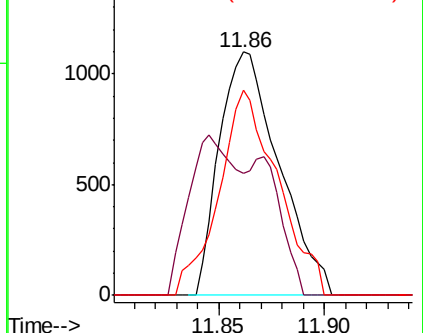
148 84.2 52.0 78.0#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.087 ug/L

RT: 12.88 min Scan# 3667

Delta R.T. 0.02 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

Tgt Ion:180 Resp: 1411

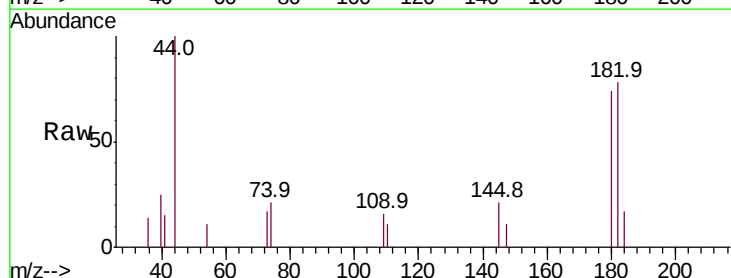
Ion Ratio Lower Upper

180 100

182 123.0 76.0 114.0#

184 10.2 24.2 36.2#

145 27.1 24.6 37.0

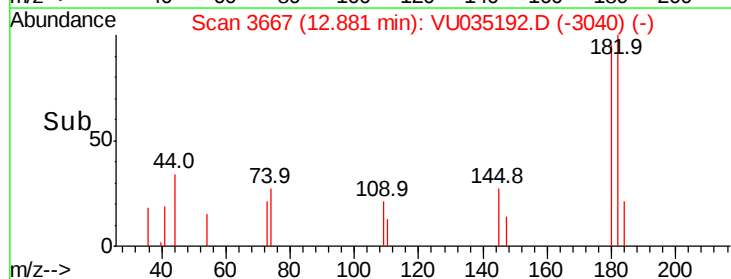
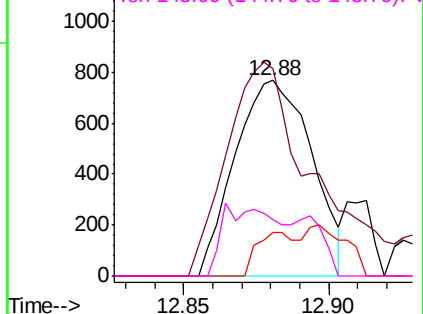


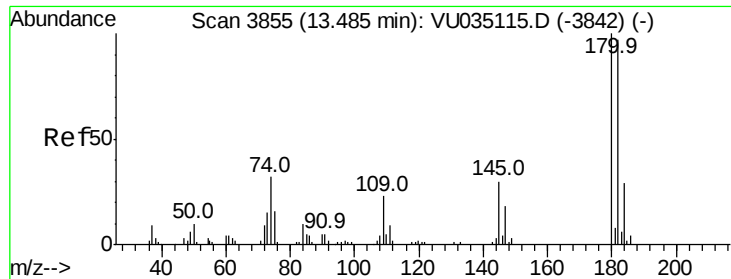
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





#68

1,2,4-trichlorobenzene

Concen: 0.105 ug/L

RT: 13.50 min Scan# 3861

Delta R.T. 0.02 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

Instrument :

MSVOA_U

ClientSampleId :

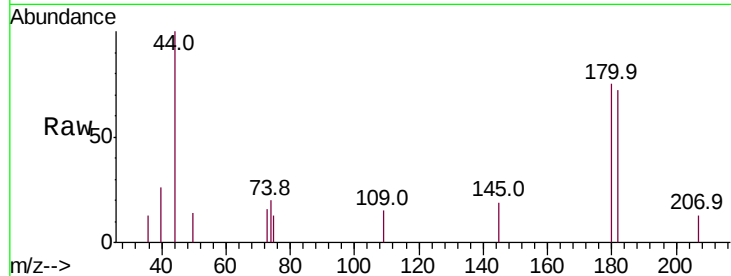
Tot Ion:180 Resp: 1271

Ion Ratio Lower Upper

180 100

182 118.9 77.3 115.9#

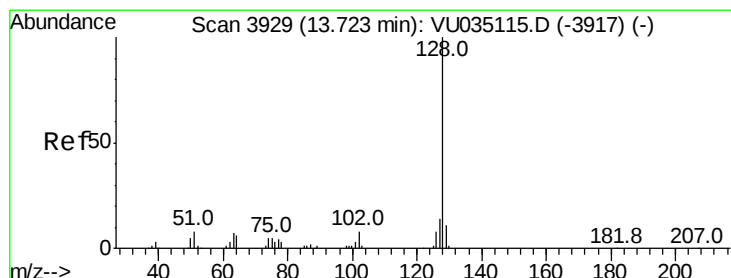
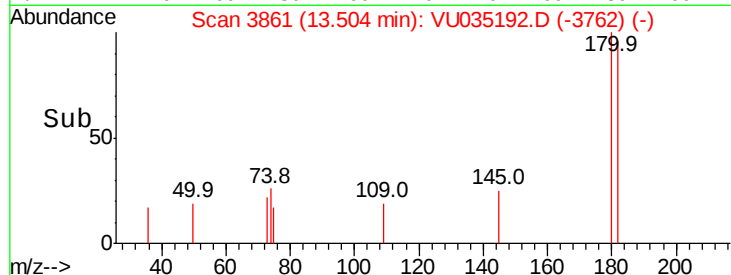
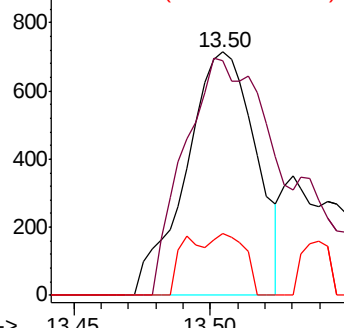
145 12.1 24.5 36.7#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#69

Naphthalene

Concen: 0.173 ug/L

RT: 13.76 min Scan# 3939

Delta R.T. 0.03 min

Lab File: VU035192.D

Acq: 15 Oct 2019 17:04

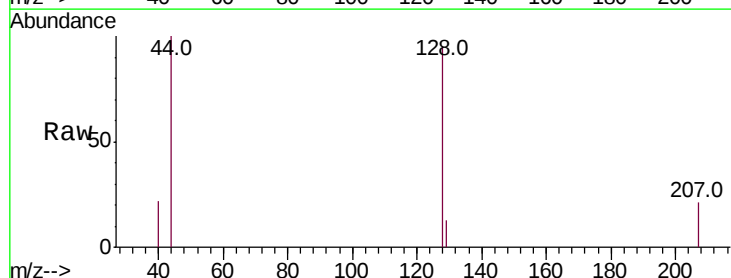
Tgt Ion:128 Resp: 3248

Ion Ratio Lower Upper

128 100

129 5.4 8.7 13.1#

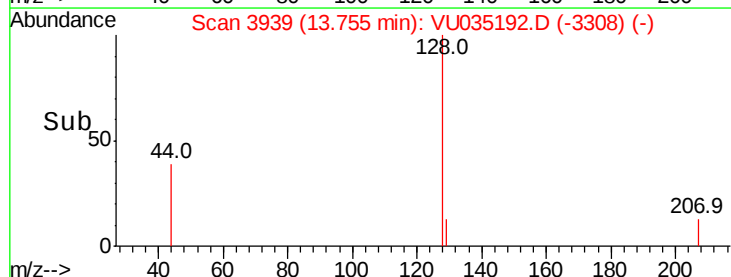
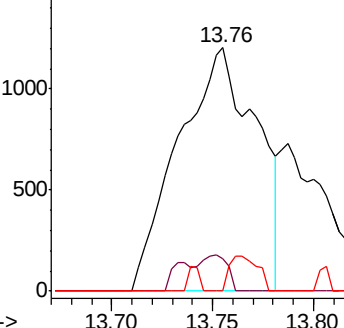
127 5.1 10.6 15.8#

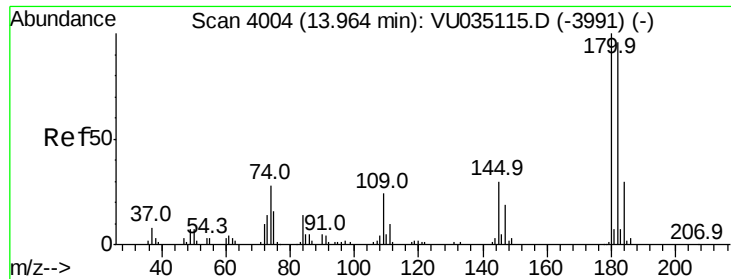


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.177 ug/L
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.02 min
 Lab File: VU035192.D
 Acq: 15 Oct 2019 17:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 2081
 Ion Ratio Lower Upper
 180 100
 182 101.3 77.0 115.4
 145 19.7 25.9 38.9#

