

Data File : VU036034.D
Acq On : 06 Dec 2019 19:50
Operator : JC/SP
Sample : K6105-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Quant Time: Dec 06 22:38:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	293890	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	312517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	105400	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138359	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.93	69	152195	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.59	63	175353	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.70	46	291523	49.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	5.11	84	218586	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.75	65	116187	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	437474	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	135907	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.93	98	366483	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.21	79	53925	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.68	63	238979	50.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117807	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	118274	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Qvalue
3) Chloromethane	1.54	50	4679	0.135 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5904	0.261 ug/L #	70
12) 1,1-Dichloroethene	2.60	96	31522	1.497 ug/L #	33
16) Methylene chloride	3.08	84	6173	0.189 ug/L	88
19) 1,1-Dichloroethane	3.92	63	15759	0.361 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	41842	1.776 ug/L	87
29) 1,1,1-Trichloroethane	5.36	97	17595	0.466 ug/L	97
34) Trichloroethene	6.58	95	101689	4.092 ug/L	95
35) Methylcyclohexane	6.74	83	32067	0.861 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	14176	0.533 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	3979	0.113 ug/L	90
47) Tetrachloroethene	8.58	164	202192	10.010 ug/L	96
48) 2-Hexanone	8.68	43	33220	2.875 ug/L #	67
49) Dibromochloromethane	8.58	129	178818	8.094 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	11063	0.640 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120619\
Quantitation Report (Not Reviewed)

Data File : VU036034.D
Acq On : 06 Dec 2019 19:50
Operator : JC/SP
Sample : K6105-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Quant Time: Dec 06 22:38:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

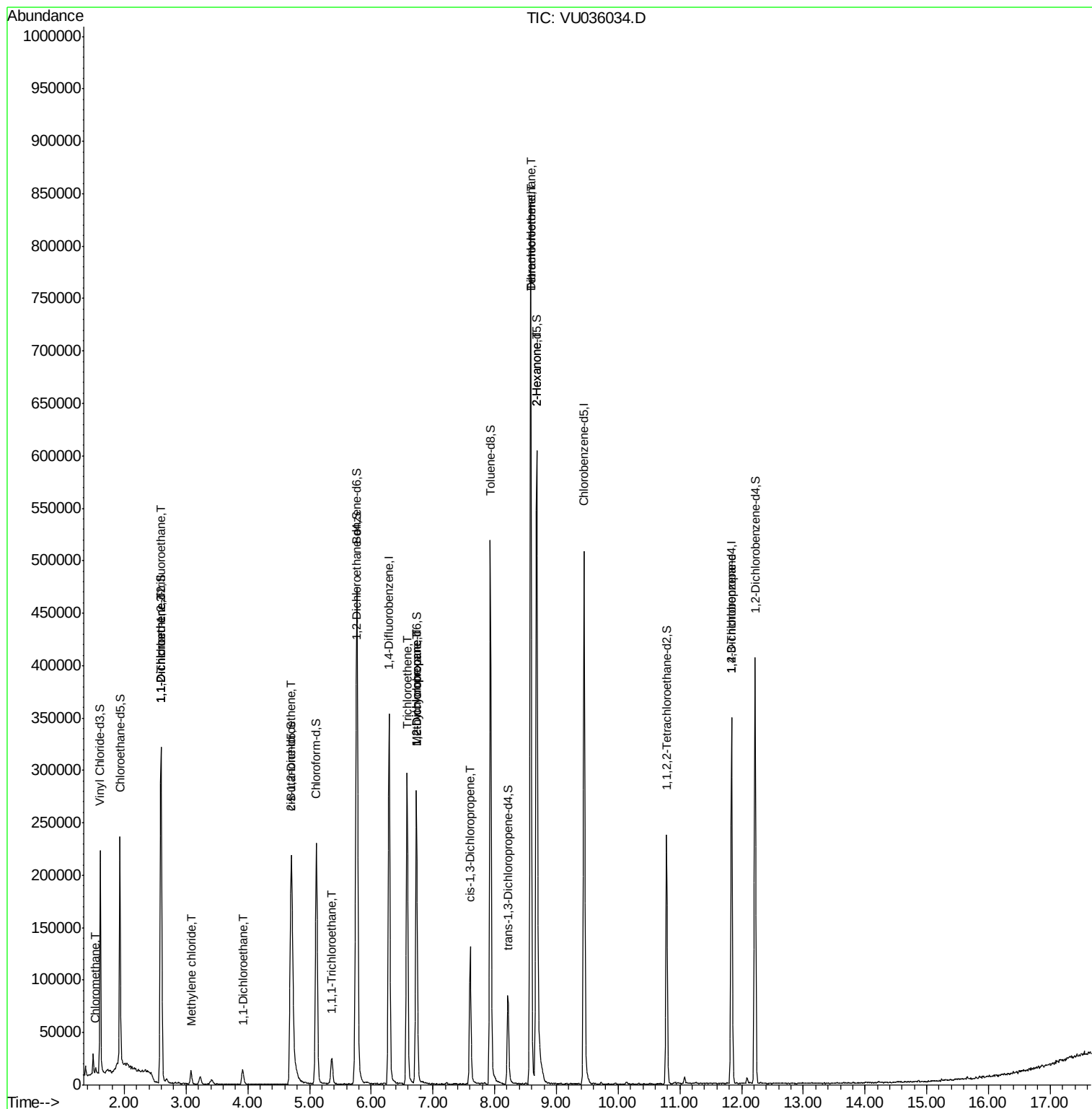
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

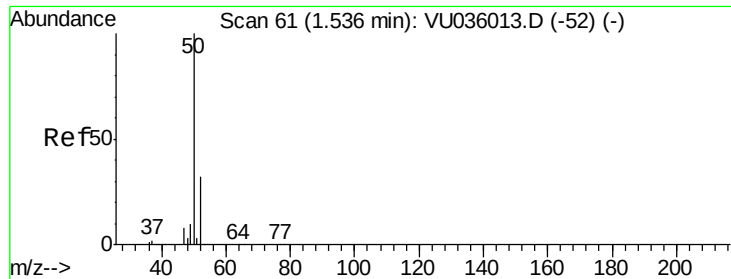
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VU036034.D
Acq On : 06 Dec 2019 19:50
Operator : JC/SP
Sample : K6105-13DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

Quant Time: Dec 06 22:38:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.135 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

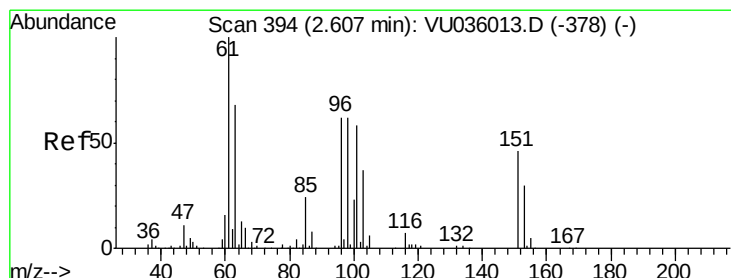
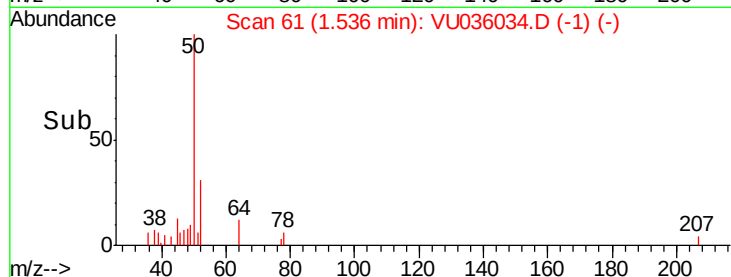
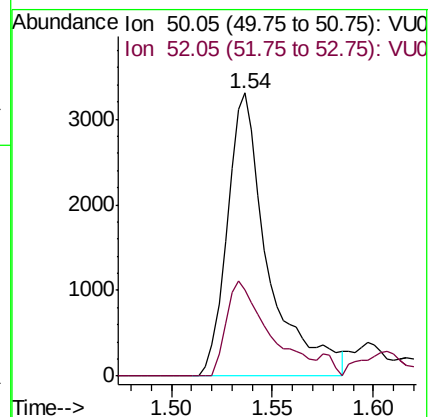
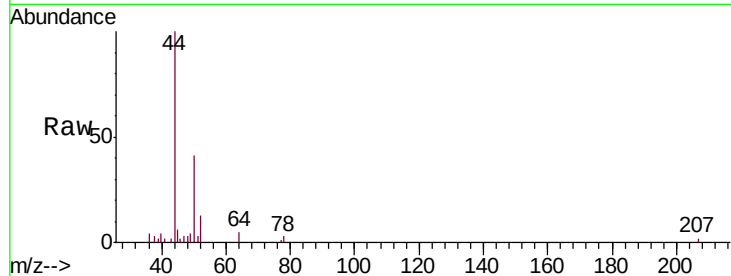
BF32DL

Tgt Ion: 50 Resp: 4679

Ion Ratio Lower Upper

50 100

52 30.7 23.1 42.9



#10

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

Concen: 0.261 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

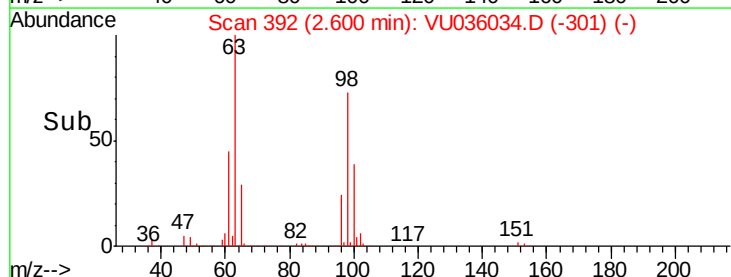
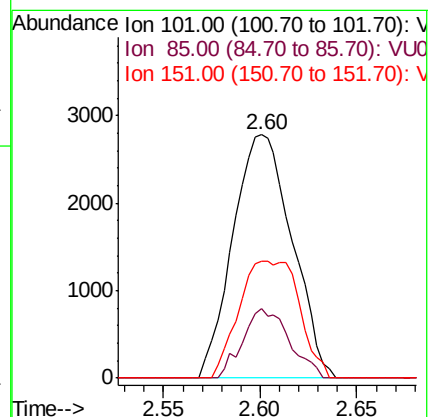
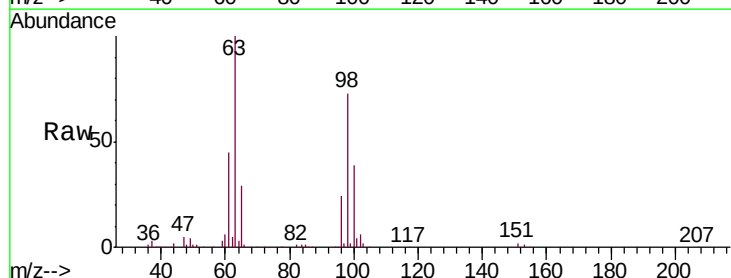
Tgt Ion: 101 Resp: 5904

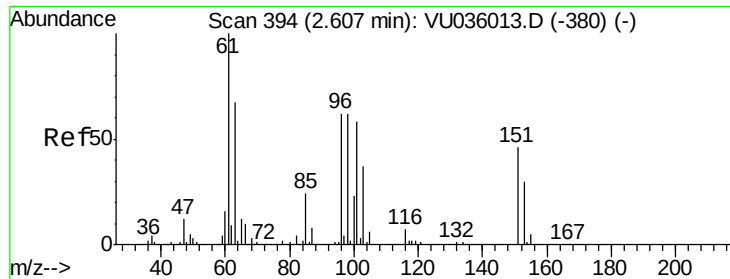
Ion Ratio Lower Upper

101 100

85 22.5 35.5 53.3#

151 49.0 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 1.497 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampled :

BFE32DL

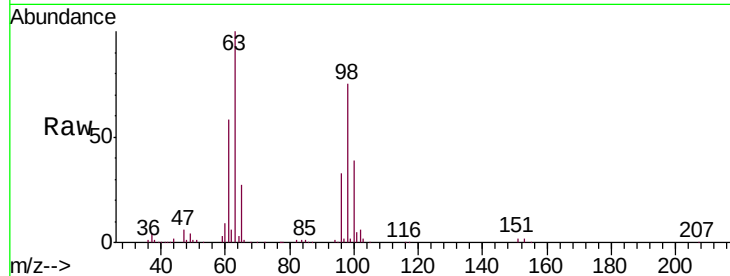
Tgt Ion: 96 Resp: 31522

Ion Ratio Lower Upper

96 100

61 174.9 127.1 236.1

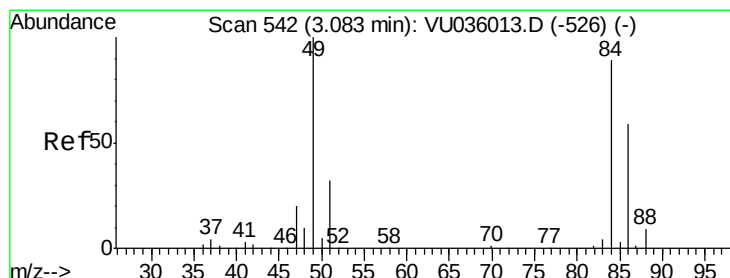
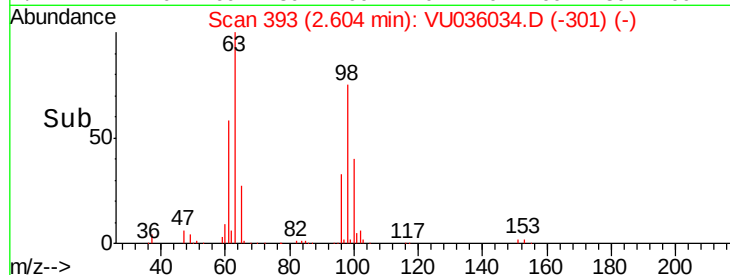
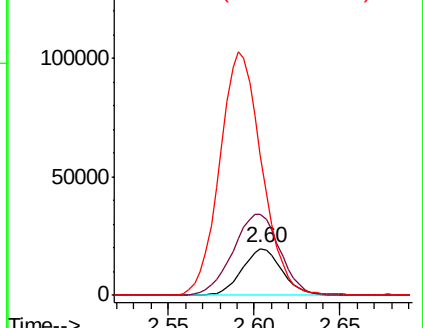
63 301.5 86.0 159.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.189 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

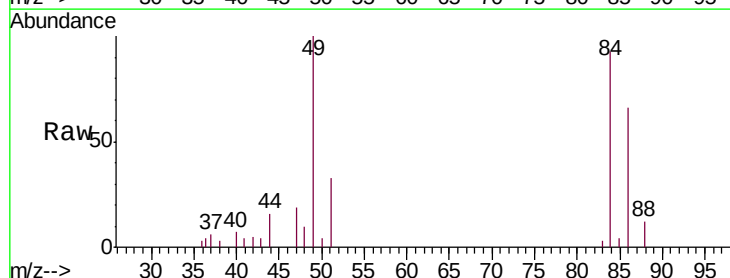
Tgt Ion: 84 Resp: 6173

Ion Ratio Lower Upper

84 100

86 70.6 44.7 82.9

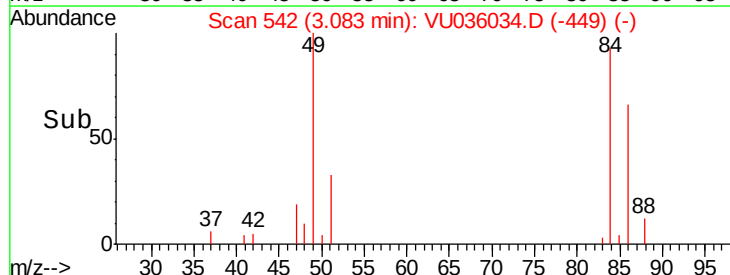
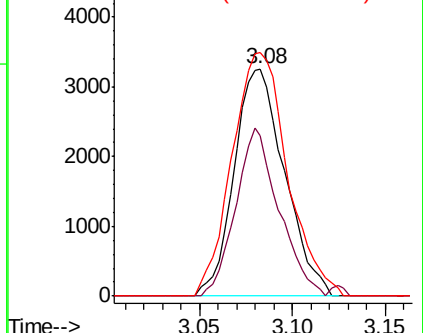
49 107.0 86.2 160.2

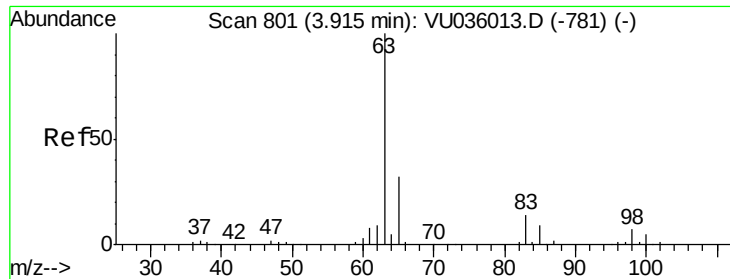


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

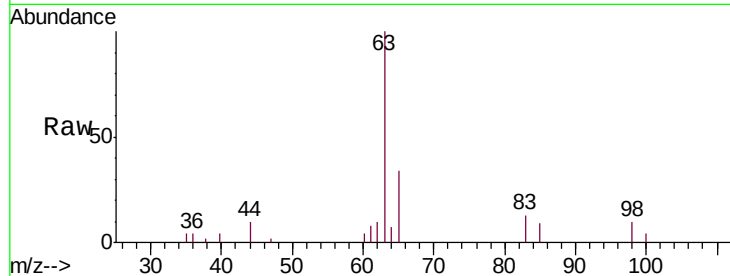




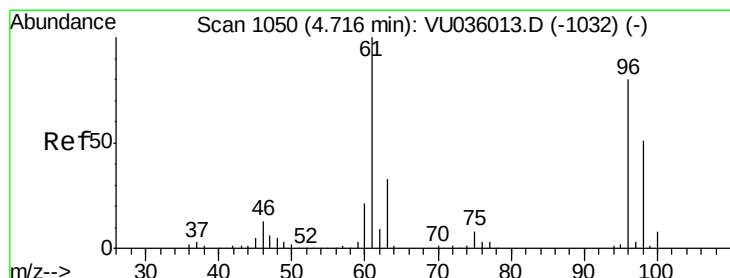
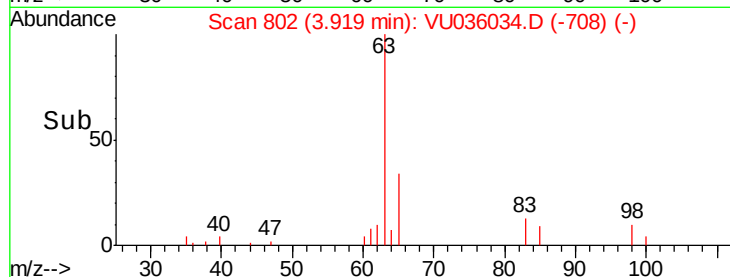
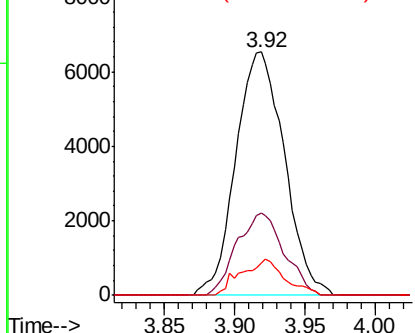
#19
 1,1-Dichloroethane
 Concen: 0.361 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU036034.D
 Acq: 06 Dec 2019 19:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE32DL

Tgt Ion: 63 Resp: 15759
 Ion Ratio Lower Upper
 63 100
 65 33.6 22.4 41.6
 83 13.2 9.8 18.2

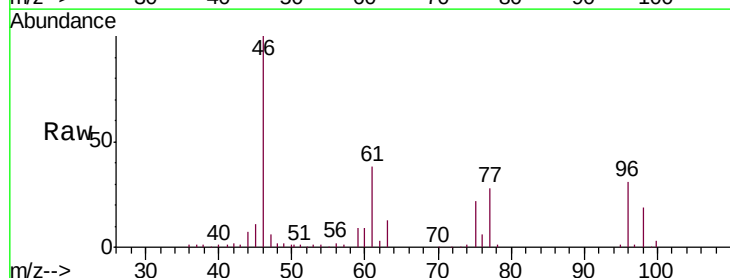


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

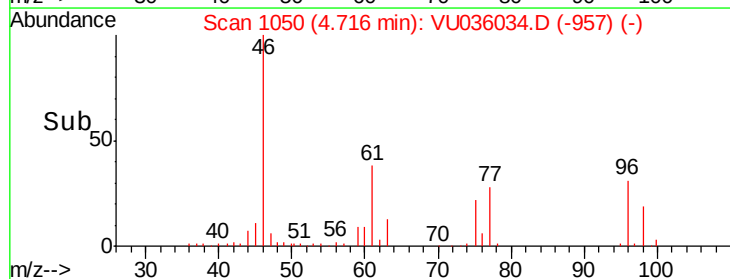
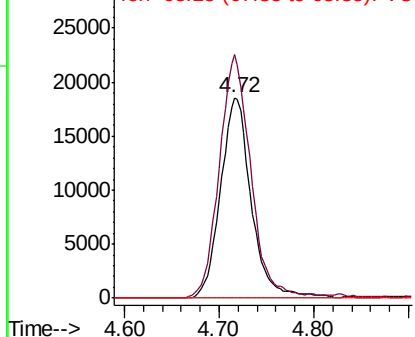


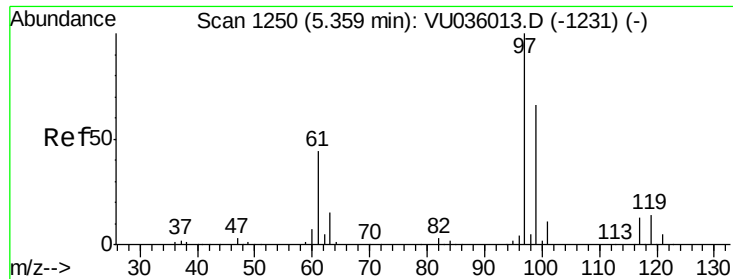
#22
 cis-1,2-Dichloroethene
 Concen: 1.776 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU036034.D
 Acq: 06 Dec 2019 19:50

Tgt Ion: 96 Resp: 41842
 Ion Ratio Lower Upper
 96 100
 61 121.3 95.7 177.7
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

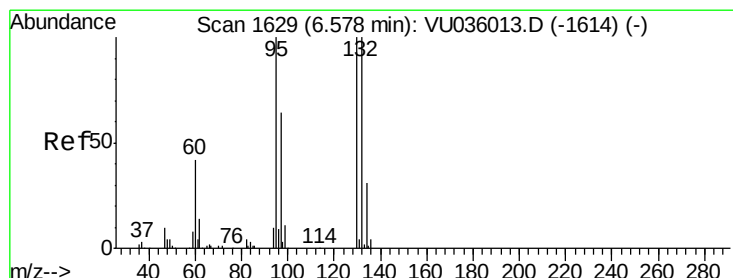
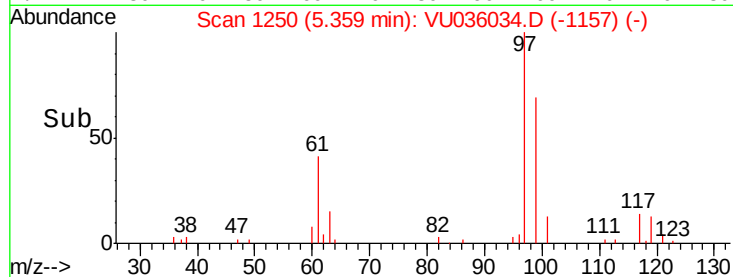
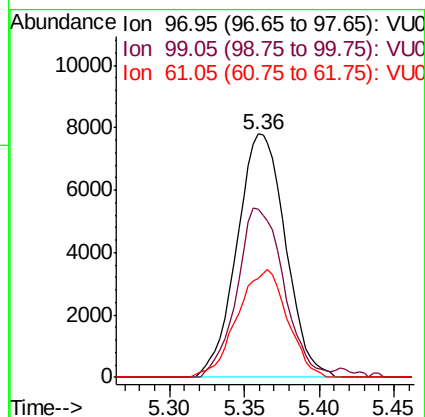
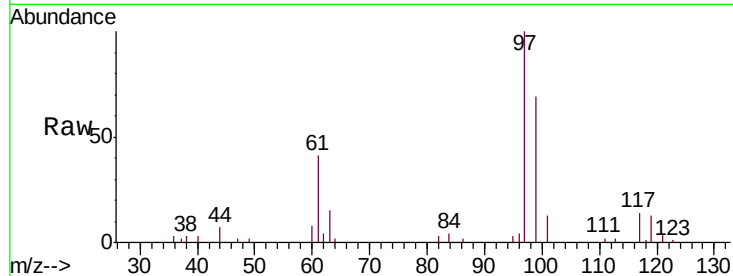




#29
 1,1,1-Trichloroethane
 Concen: 0.466 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU036034.D
 Acq: 06 Dec 2019 19:50

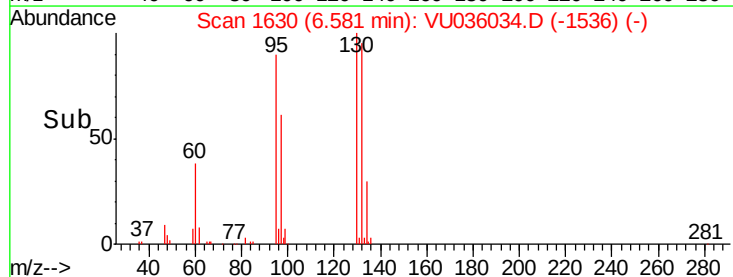
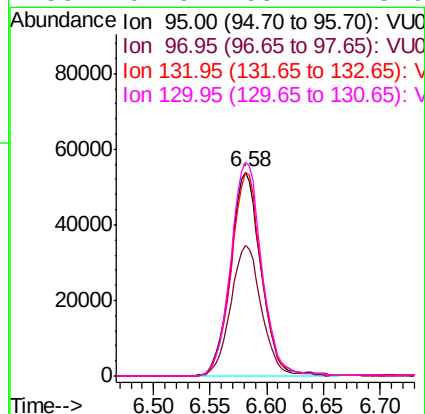
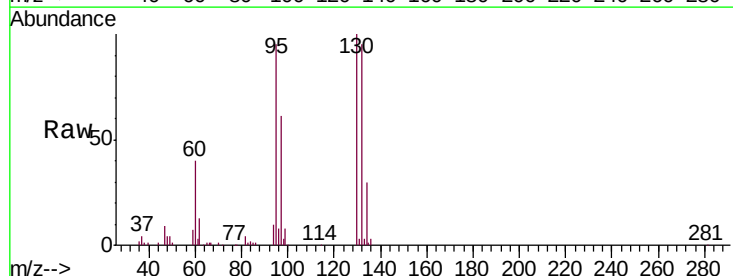
Instrument :
 MSVOA_U
 ClientSampled :
 BFE32DL

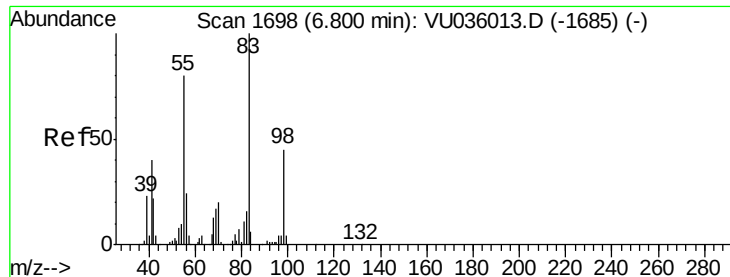
Tgt Ion: 97 Resp: 17595
 Ion Ratio Lower Upper
 97 100
 99 67.3 51.8 77.8
 61 45.6 37.6 56.4



#34
 Trichloroethene
 Concen: 4.092 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036034.D
 Acq: 06 Dec 2019 19:50

Tgt Ion: 95 Resp: 101689
 Ion Ratio Lower Upper
 95 100
 97 64.1 46.3 85.9
 132 99.7 65.7 122.1
 130 104.9 69.2 128.6





#35

Methylcyclohexane

Concen: 0.861 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

BFE32DL

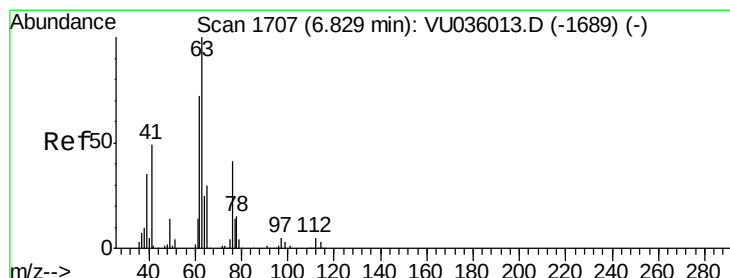
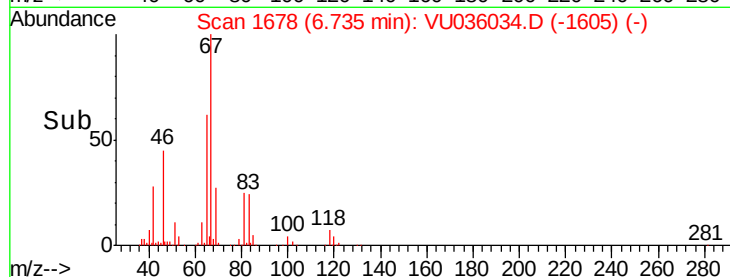
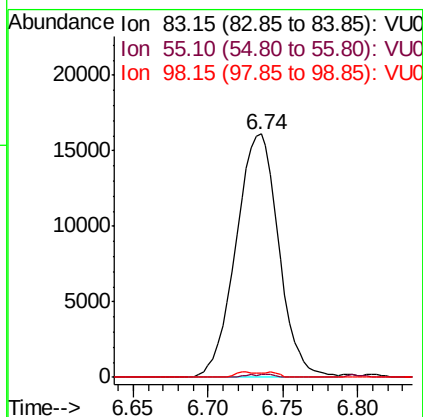
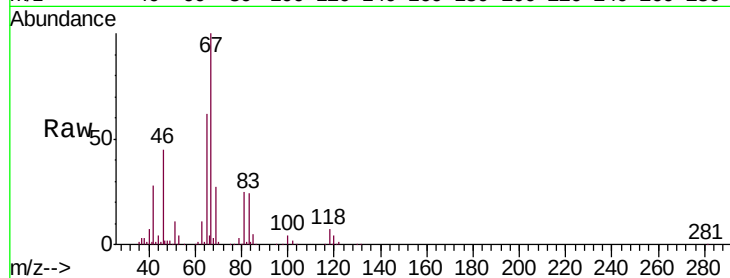
Tgt Ion: 83 Resp: 32067

Ion Ratio Lower Upper

83 100

55 0.8 67.4 101.0#

98 1.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.533 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036034.D

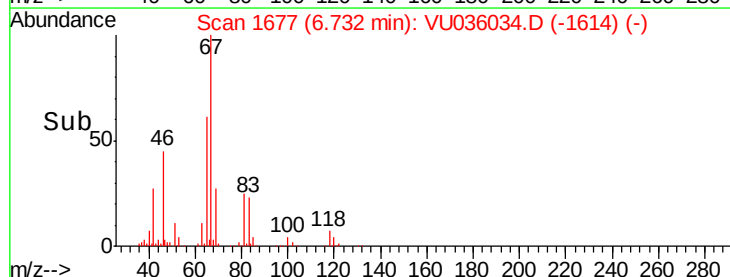
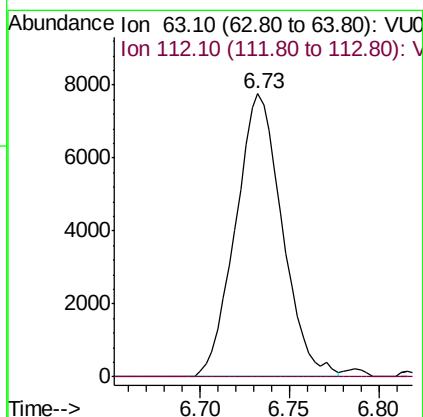
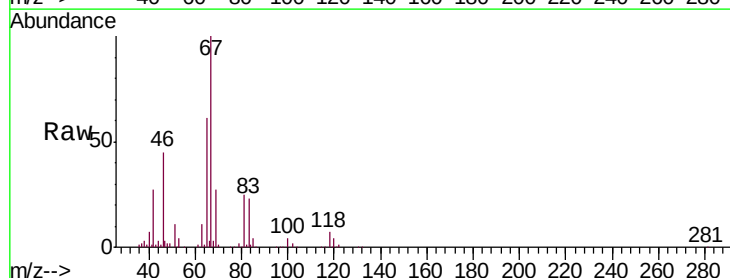
Acq: 06 Dec 2019 19:50

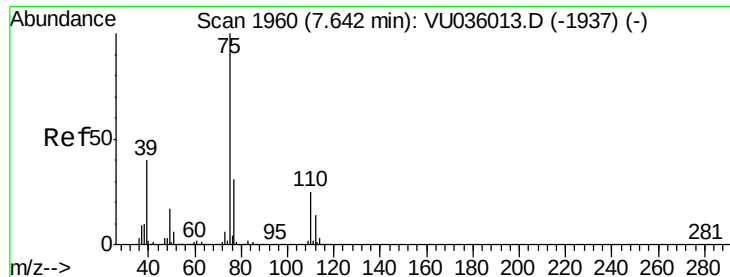
Tgt Ion: 63 Resp: 14176

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampled :

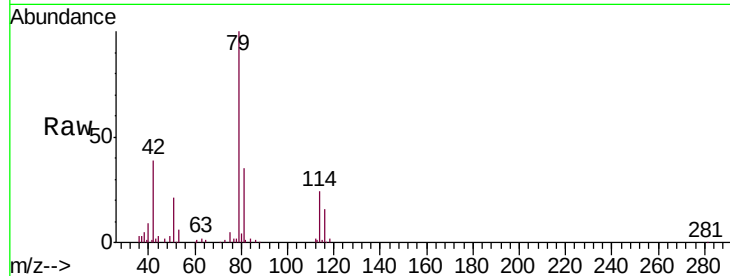
BFE32DL

Tgt Ion: 75 Resp: 3979

Ion Ratio Lower Upper

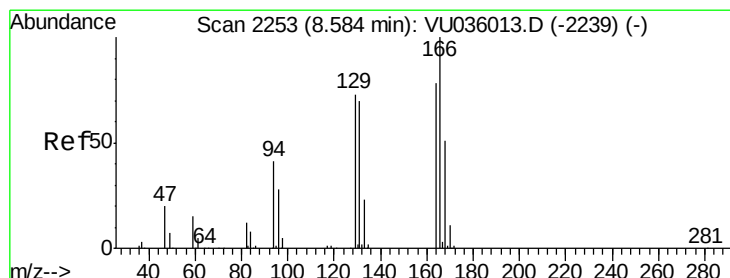
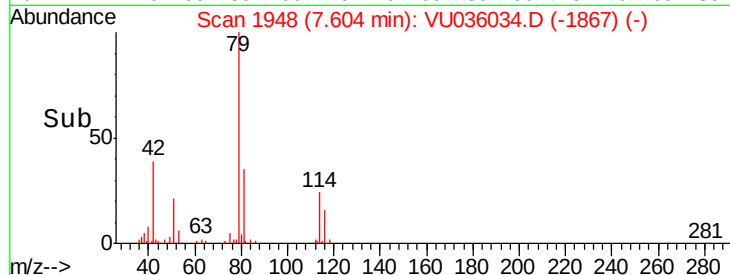
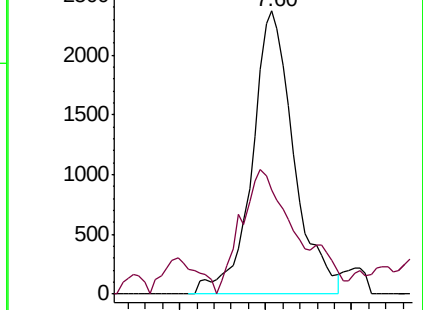
75 100

77 37.0 21.9 40.7



Abundance Ion 75.05 (74.75 to 75.75): VU036013.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU036013.D (-1937) (-)



#47

Tetrachloroethene

Concen: 10.010 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Tgt Ion: 164 Resp: 202192

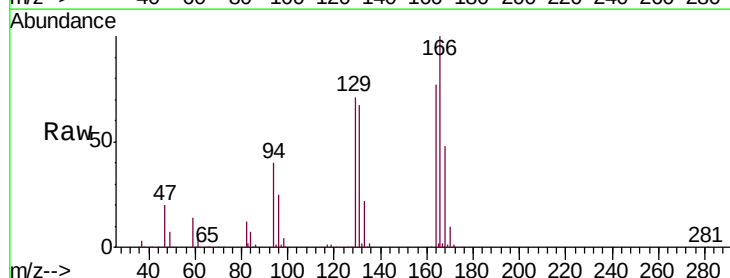
Ion Ratio Lower Upper

164 100

129 91.6 67.9 126.1

131 86.6 64.1 119.1

166 129.2 92.6 172.0

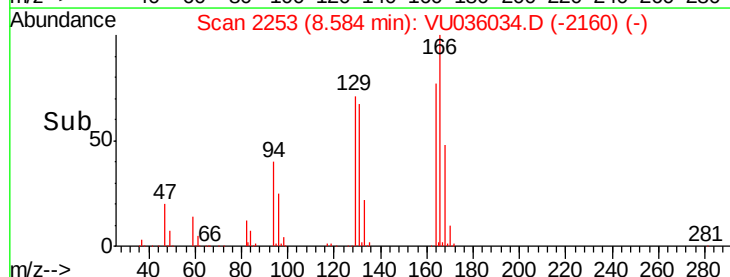
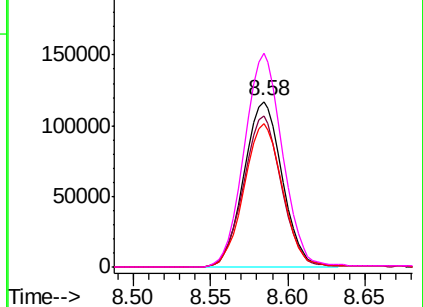


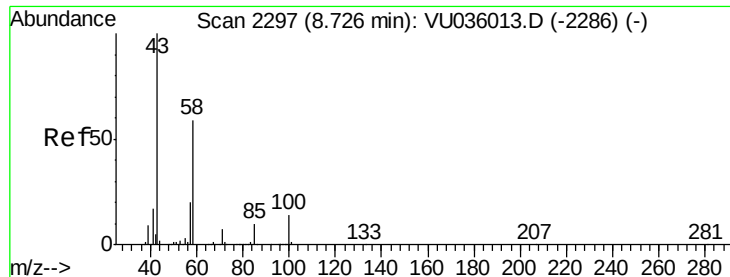
Abundance Ion 163.90 (163.60 to 164.60): VU036013.D (-2239) (-)

Ion 128.95 (128.65 to 129.65): VU036013.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU036013.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU036013.D (-2239) (-)

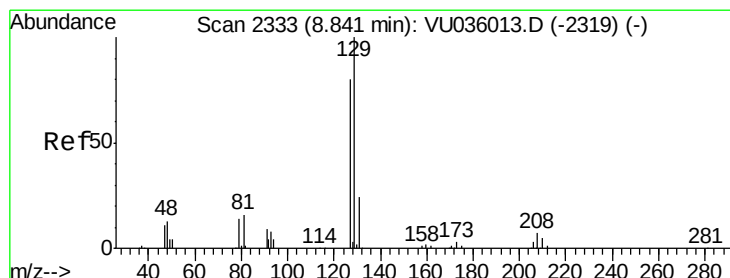
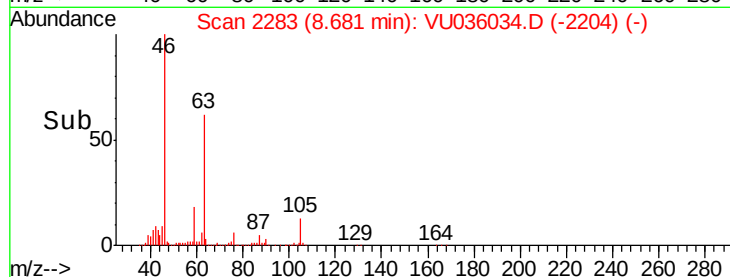
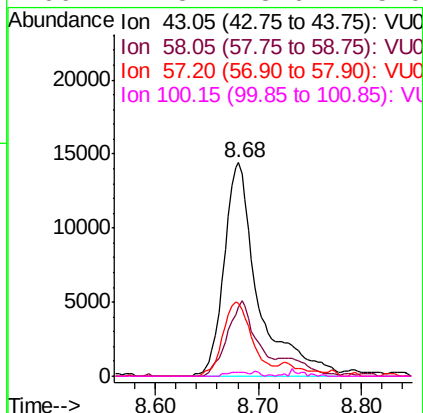
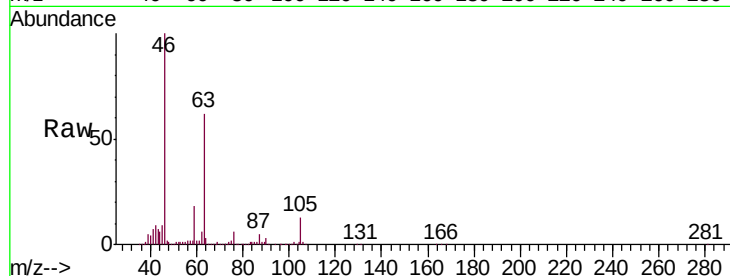




#48
2-Hexanone
Concen: 2.875 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU036034.D
Acq: 06 Dec 2019 19:50

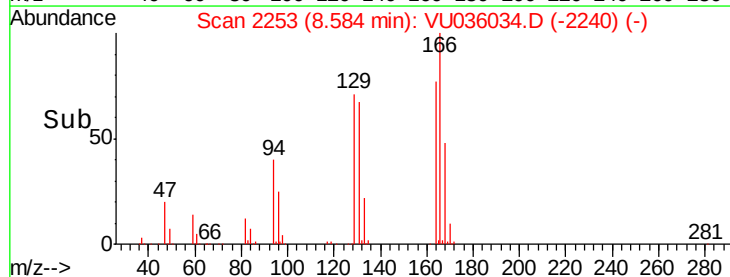
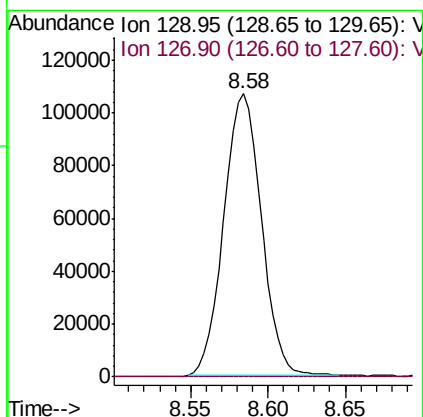
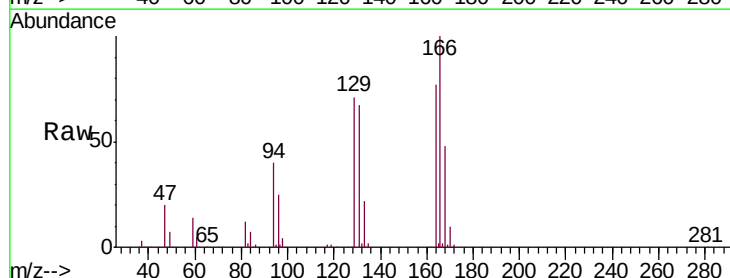
Instrument :
MSVOA_U
ClientSampleId :
BFE32DL

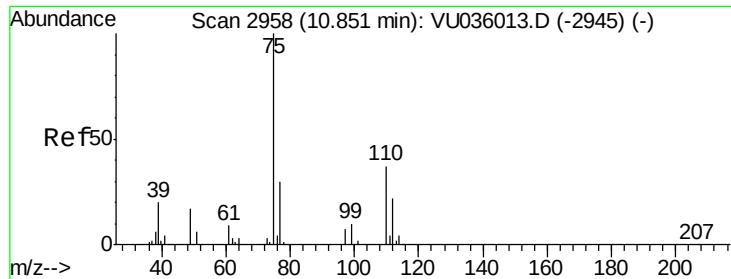
Tgt Ion: 43 Resp: 33220
Ion Ratio Lower Upper
43 100
58 30.0 45.4 68.2#
57 29.8 14.9 22.3#
100 1.3 8.6 13.0#



#49
Dibromochloromethane
Concen: 8.094 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036034.D
Acq: 06 Dec 2019 19:50

Tgt Ion: 129 Resp: 178818
Ion Ratio Lower Upper
129 100
127 0.2 52.8 98.0#





#59

1,2,3-Trichloropropane

Concen: 0.640 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036034.D

Acq: 06 Dec 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

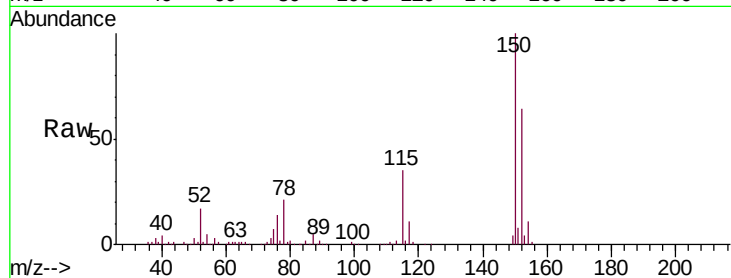
BF32DL

Tgt Ion: 75 Resp: 11063

Ion Ratio Lower Upper

75 100

77 35.9 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

