

Data File : VU033819.D
Acq On : 15 Aug 2019 18:56
Operator : JC/SP
Sample : K4369-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD3DL

Quant Time: Aug 16 02:57:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 02:54:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	384158	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	381866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	170761	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163905	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.67	69	153359	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.88%
11) 1,1-Dichloroethene-d2	2.26	63	207933	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	4.15	46	194837	107.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.49%
24) Chloroform-d	4.62	84	270990	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.29	65	176305	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
32) Benzene-d6	5.32	84	546805	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.31	67	176106	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.55	98	484947	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%
43) trans-1,3-Dichloropropene-	7.83	79	80406	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.44%
47) 2-Hexanone-d5	8.30	63	134458	105.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.27%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	237384	49.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	189242	55.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.22%

Target Compounds

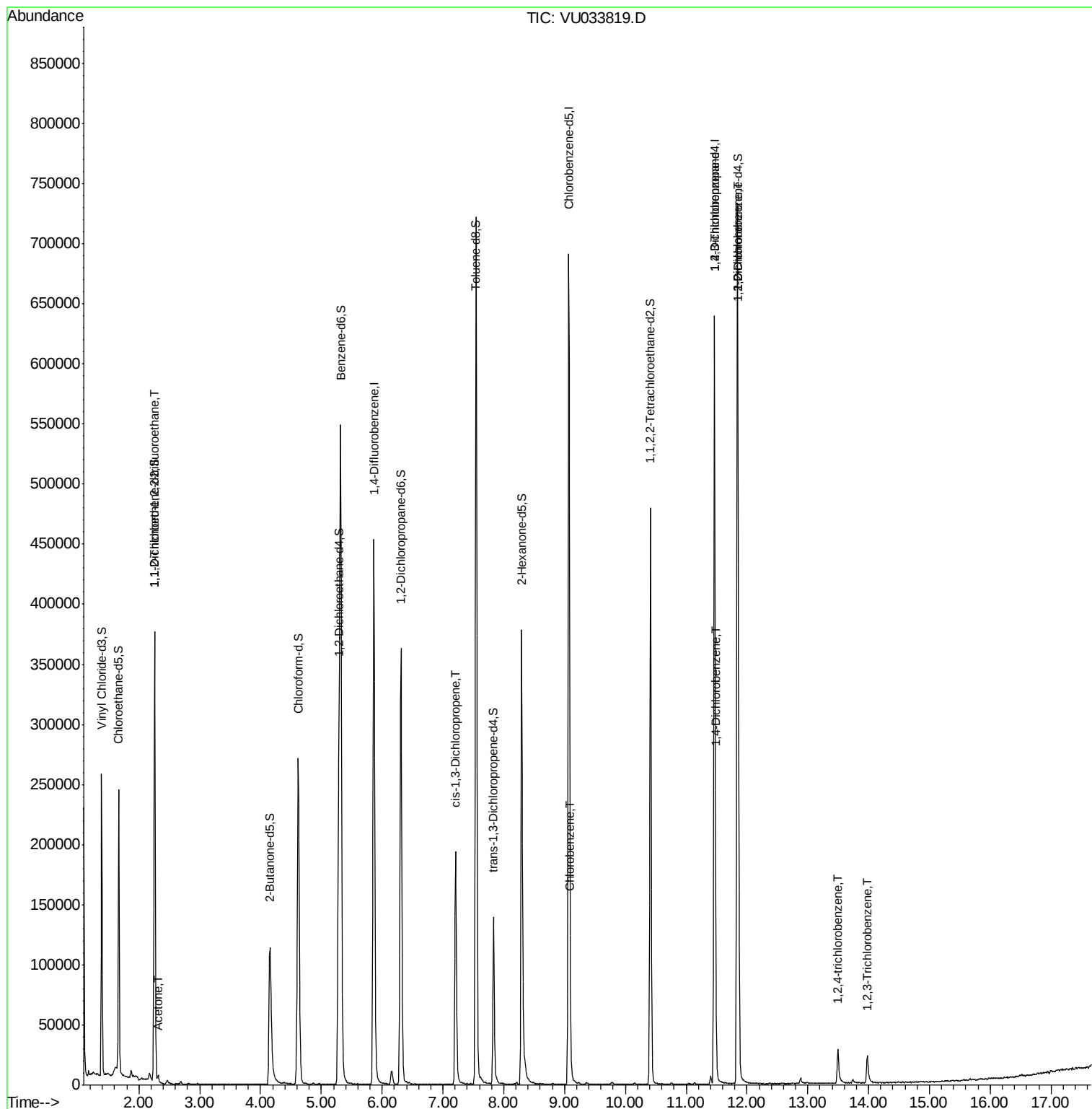
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2262	0.826 ug/L #	21
13) Acetone	2.32	43	3200	1.796 ug/L	89
39) cis-1,3-Dichloropropene	7.21	75	5416	1.176 ug/L #	78
51) Chlorobenzene	9.10	112	7177	0.891 ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	23084	6.033 ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	10618	1.914 ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	75427	14.042 ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	12483	3.688 ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	10480	2.983 ug/L	93

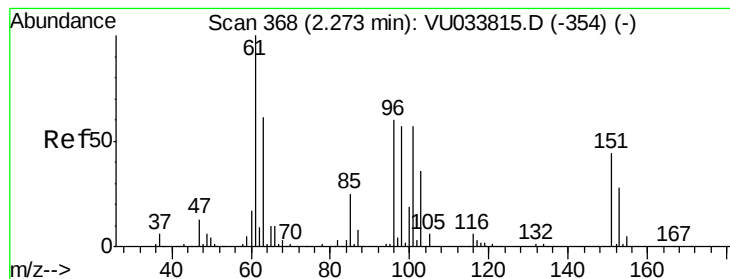
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.826 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

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C0CD3DL

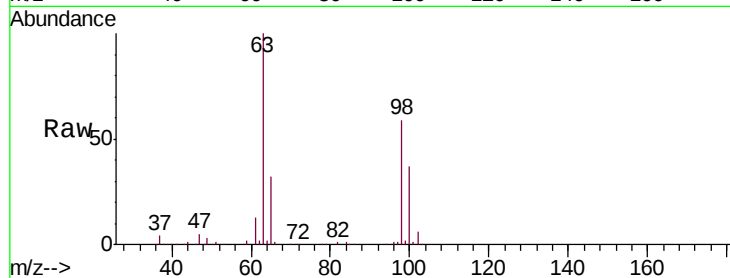
Tgt Ion: 101 Resp: 2262

Ion Ratio Lower Upper

101 100

85 3.2 35.2 52.8#

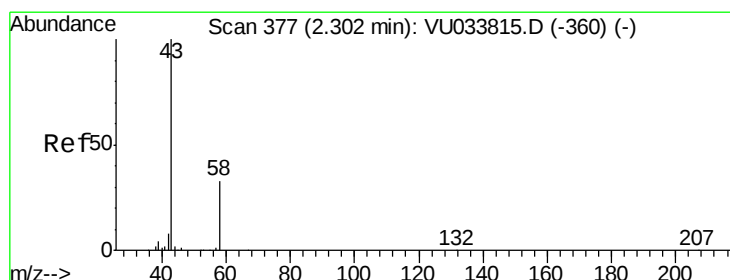
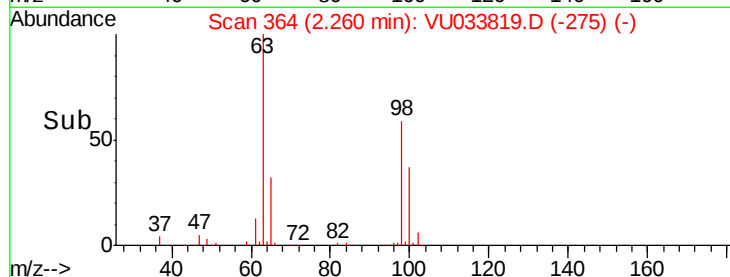
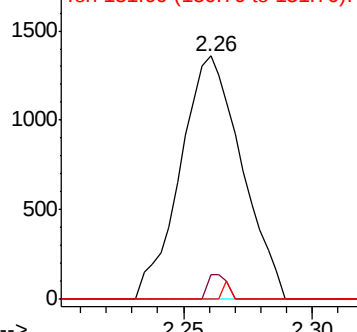
151 0.0 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.796 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.02 min

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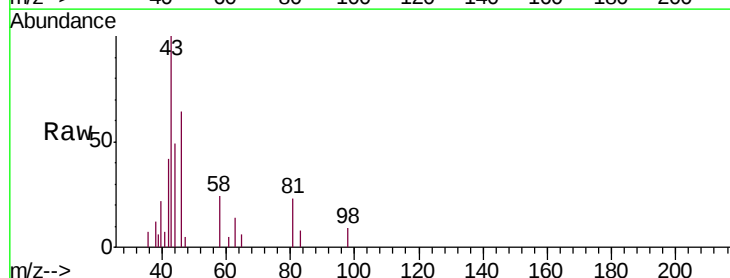
Acq: 15 Aug 2019 18:56

Tgt Ion: 43 Resp: 3200

Ion Ratio Lower Upper

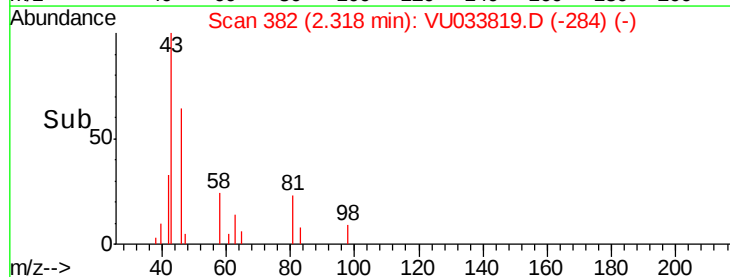
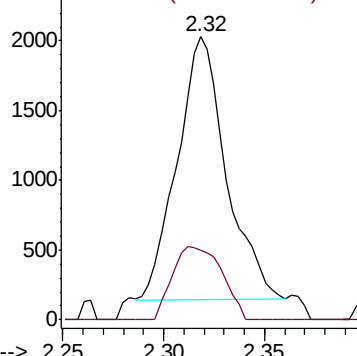
43 100

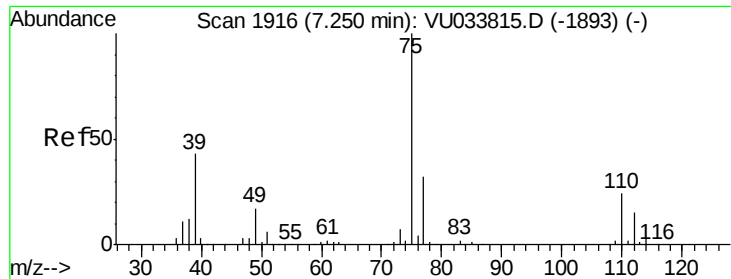
58 28.2 0.0 69.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

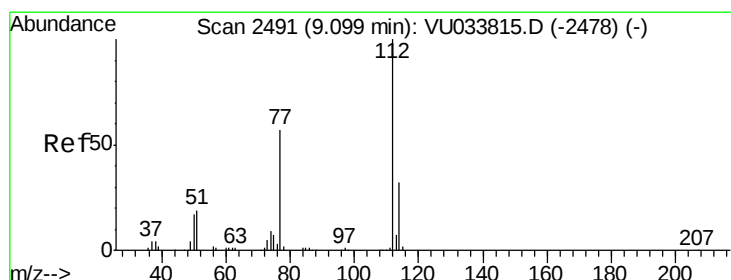
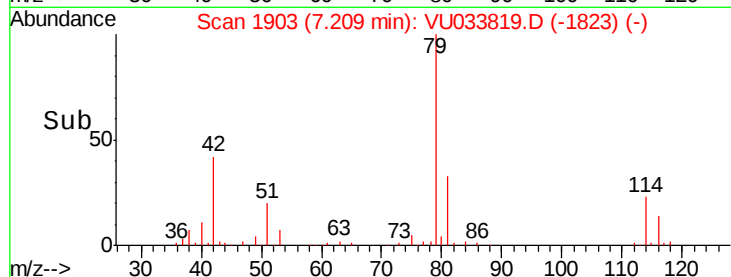
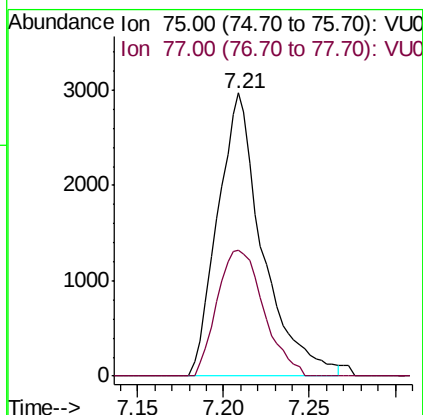
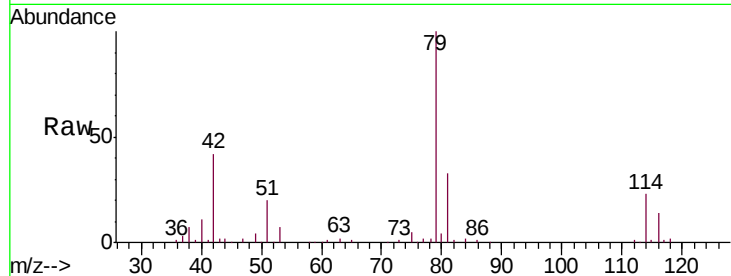




#39
 cis-1,3-Dichloropropene
 Concen: 1.176 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

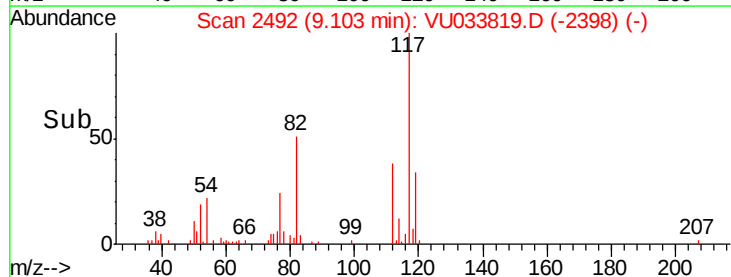
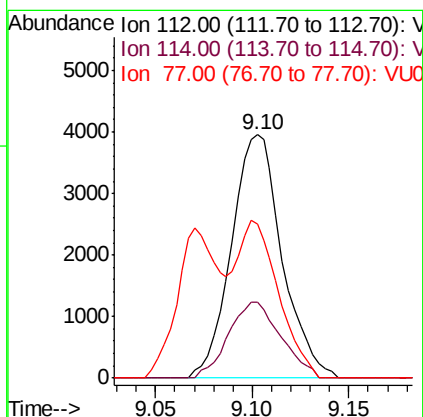
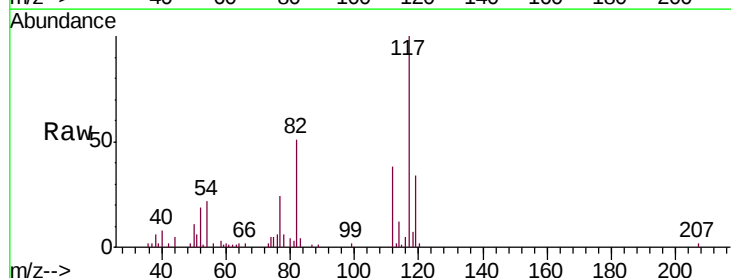
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3DL

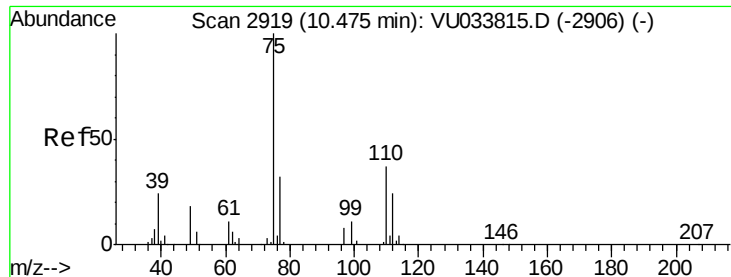
Tgt Ion: 75 Resp: 5416
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.5 41.7#



#51
 Chlorobenzene
 Concen: 0.891 ug/L
 RT: 9.10 min Scan# 2492
 Delta R.T. 0.00 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

Tgt Ion: 112 Resp: 7177
 Ion Ratio Lower Upper
 112 100
 114 31.4 22.5 41.9
 77 63.4 45.4 68.0





#59

1,2,3-Trichloropropane

Concen: 6.033 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033819.D

Acq: 15 Aug 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

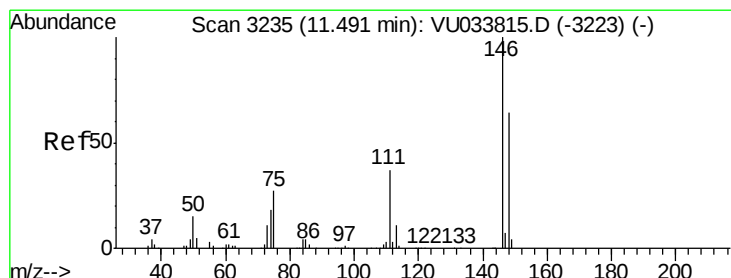
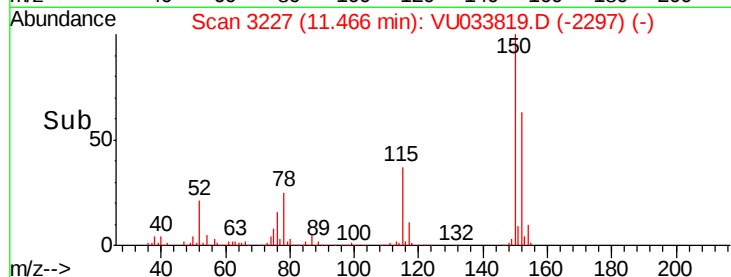
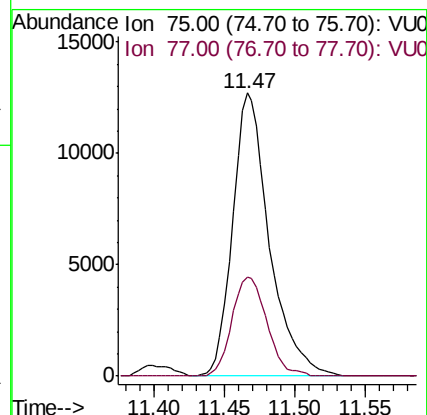
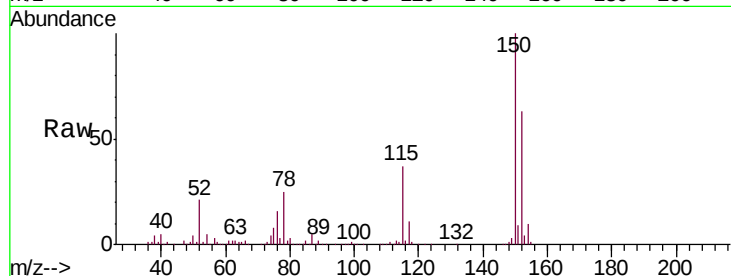
C0CD3DL

Tgt Ion: 75 Resp: 23084

Ion Ratio Lower Upper

75 100

77 33.4 26.0 39.0



#63

1,4-Dichlorobenzene

Concen: 1.914 ug/L

RT: 11.49 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU033819.D

Acq: 15 Aug 2019 18:56

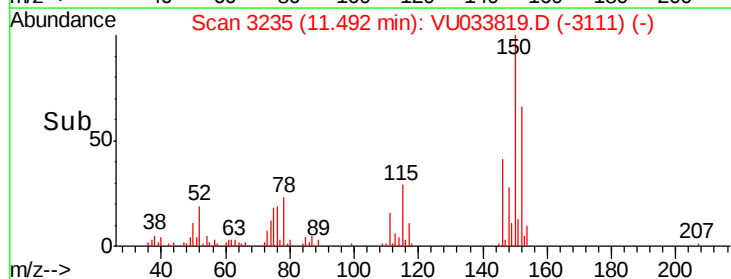
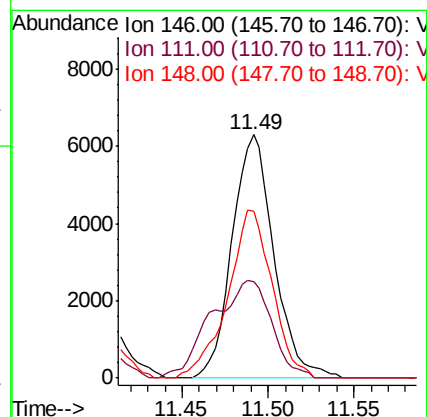
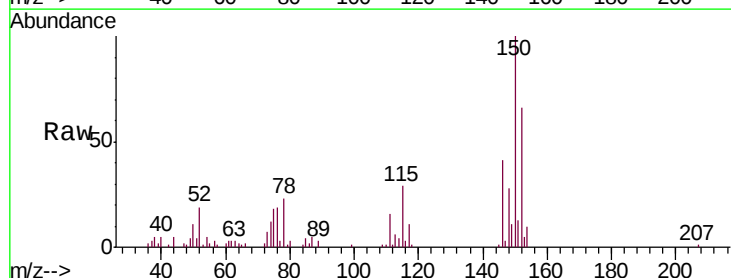
Tgt Ion: 146 Resp: 10618

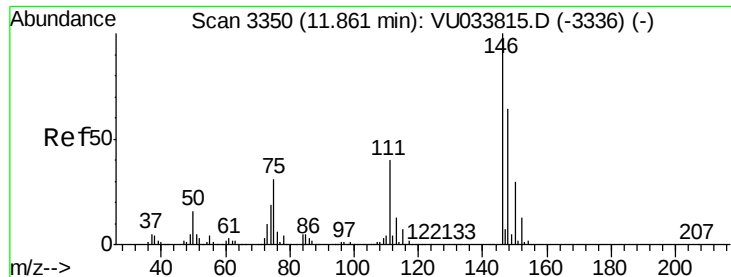
Ion Ratio Lower Upper

146 100

111 39.8 27.0 50.2

148 68.7 44.5 82.7

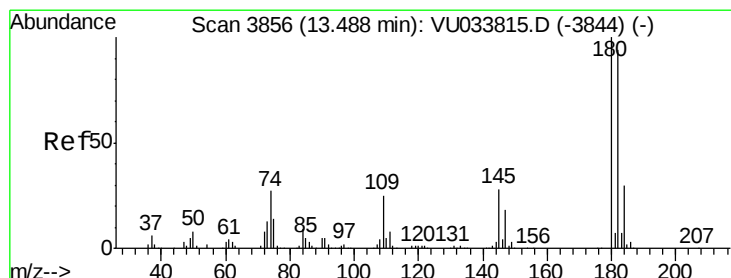
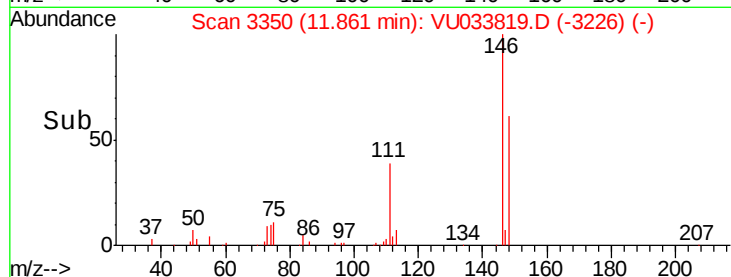
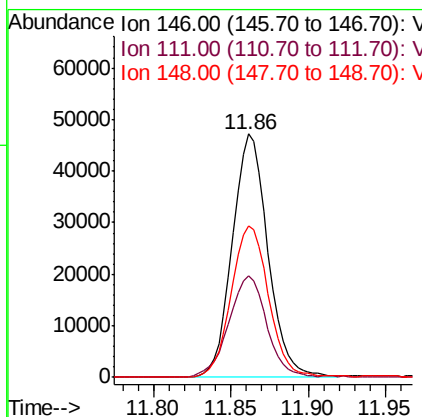
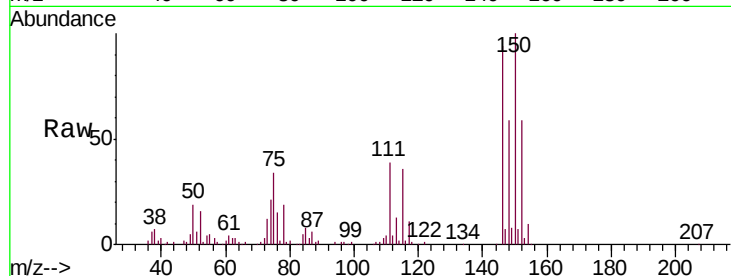




#65
 1,2-Dichlorobenzene
 Concen: 14.042 ug/L
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

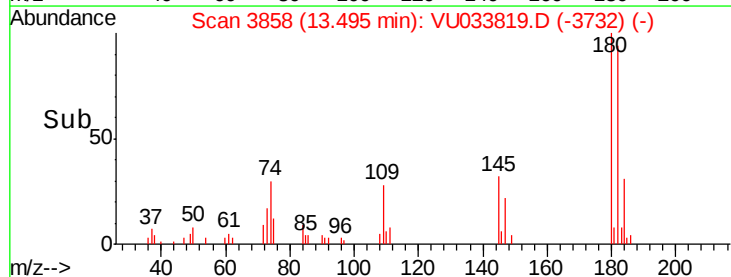
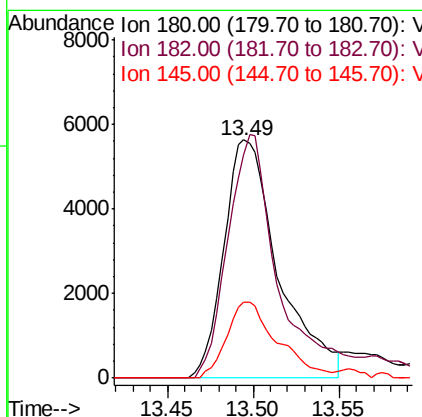
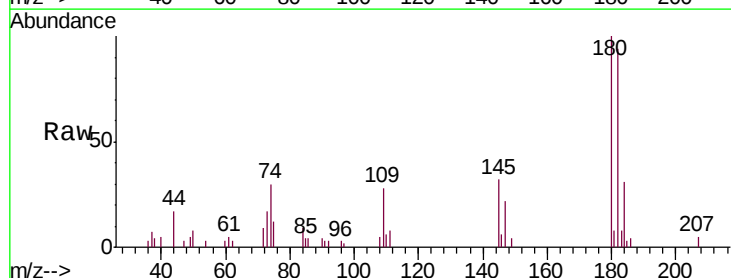
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3DL

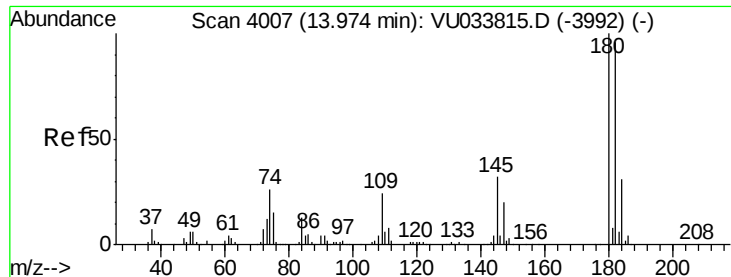
Tgt Ion:146 Resp: 75427
 Ion Ratio Lower Upper
 146 100
 111 41.7 33.8 50.6
 148 62.2 51.0 76.4



#68
 1,2,4-trichlorobenzene
 Concen: 3.688 ug/L
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.01 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

Tgt Ion:180 Resp: 12483
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.2
 145 29.8 23.8 35.8

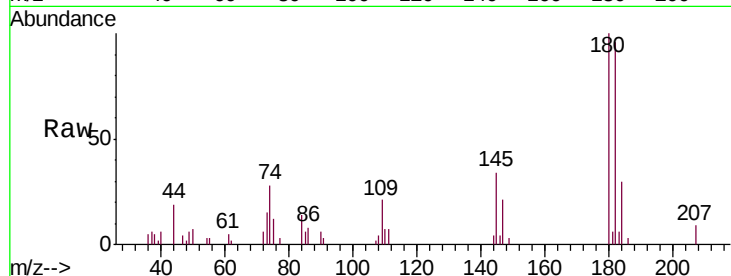




#70
 1,2,3-Trichlorobenzene
 Concen: 2.983 ug/L
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU033819.D
 Acq: 15 Aug 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD3DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.9	75.9	113.9
145	31.6	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

