

Data File : VU034383.D
Acq On : 07 Sep 2019 16:13
Operator : JC/SP
Sample : K4724-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDA7

Quant Time: Sep 08 02:34:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	288716	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	138818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76793	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.68	69	70194	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.26	63	115333	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.17	46	207789	46.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.52%
24) Chloroform-d	4.63	84	163074	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.29	65	78893	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.32	84	340192	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.31	67	111015	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.55	98	302087	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.83	79	34363	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.30	63	155895	42.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	84590	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	122545	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

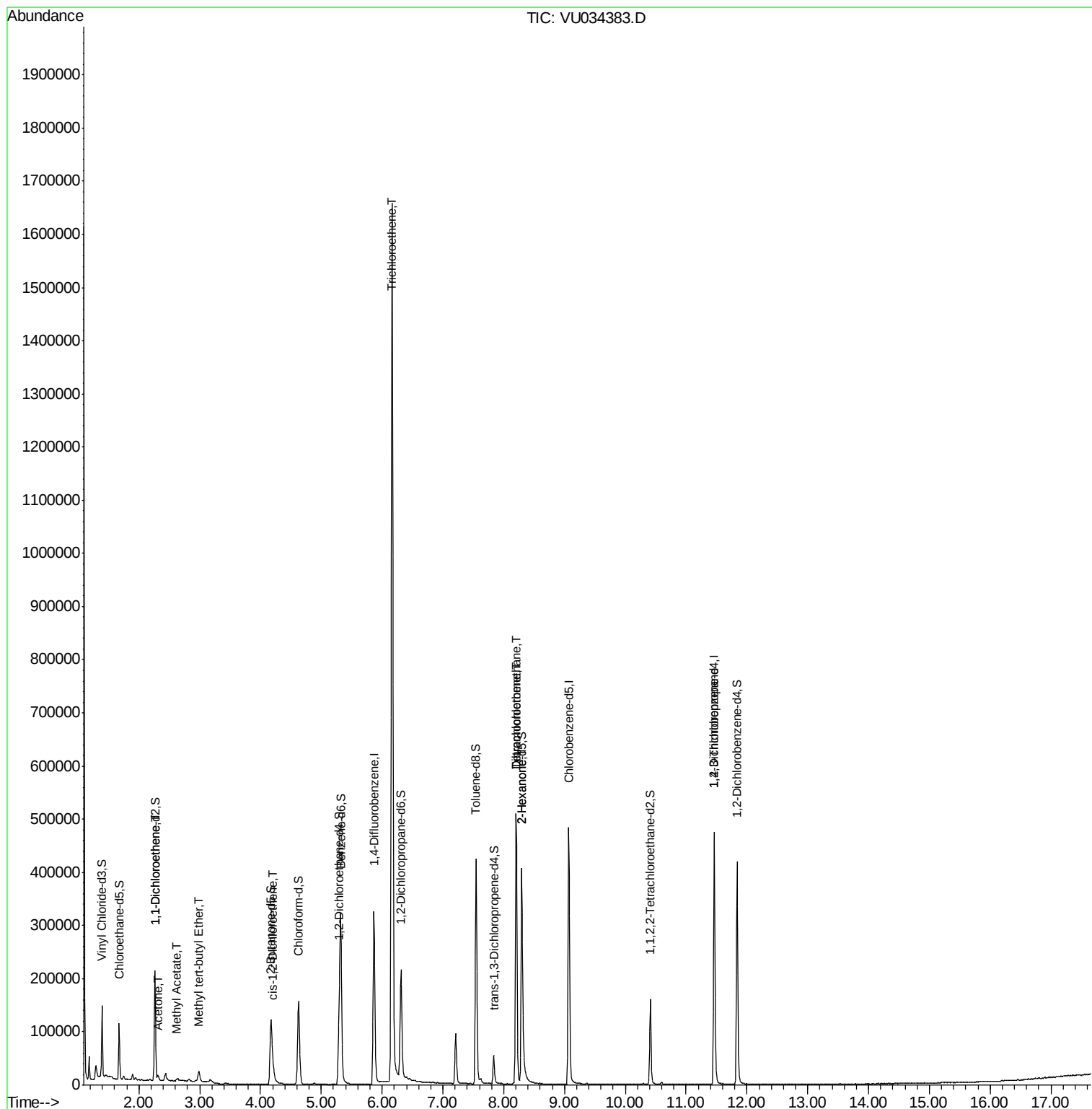
					Qvalue
12) 1,1-Dichloroethene	2.27	96	2299	0.128 ug/L #	1
13) Acetone	2.31	43	9169	3.049 ug/L	93
15) Methyl Acetate	2.62	43	2002	0.237 ug/L #	53
17) Methyl tert-butyl Ether	2.99	73	19981	0.447 ug/L #	88
22) cis-1,2-Dichloroethene	4.20	96	6668	0.305 ug/L	87
34) Trichloroethene	6.16	95	589006	25.629 ug/L	97
47) Tetrachloroethene	8.21	164	125414	6.640 ug/L	97
48) 2-Hexanone	8.30	43	16805	1.893 ug/L #	76
49) Dibromochloromethane	8.21	129	114594	6.555 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	14324	1.089 ug/L	90

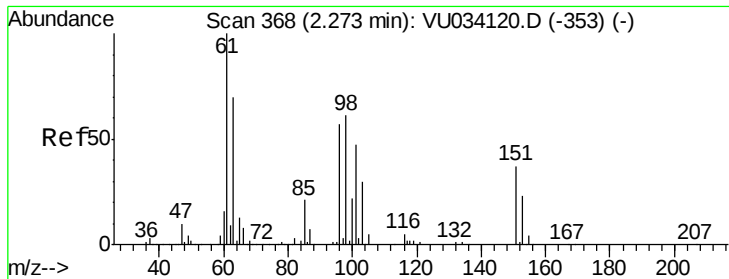
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU034383.D

Acq: 07 Sep 2019 16:13

Instrument :

MSVOA_U

ClientSampleId :

BFDA7

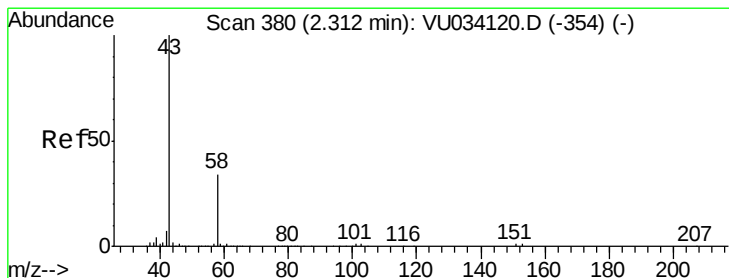
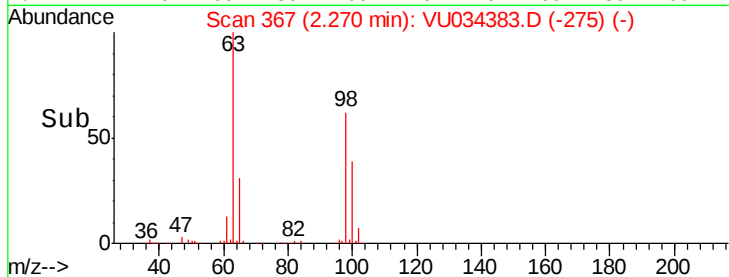
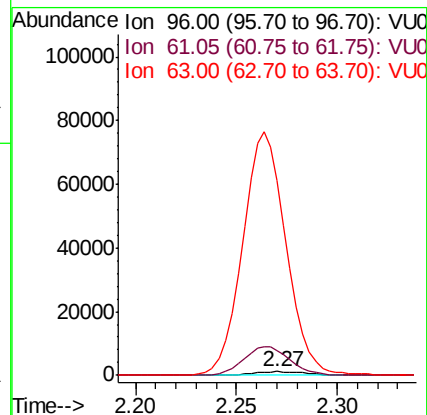
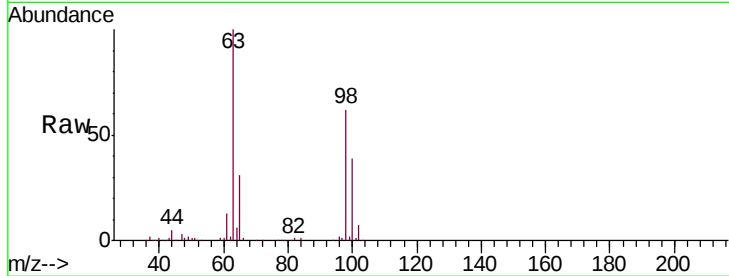
Tgt Ion: 96 Resp: 2299

Ion Ratio Lower Upper

96 100

61 699.1 126.6 235.0#

63 5361.9 94.5 175.5#



#13

Acetone

Concen: 3.049 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034383.D

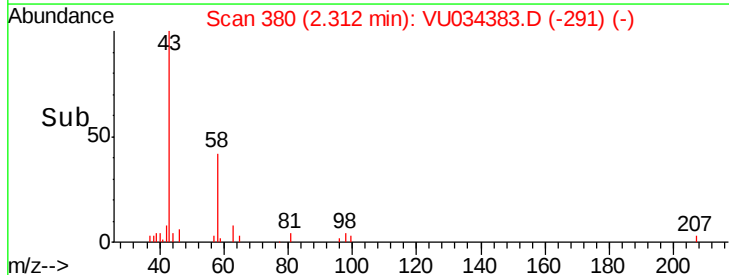
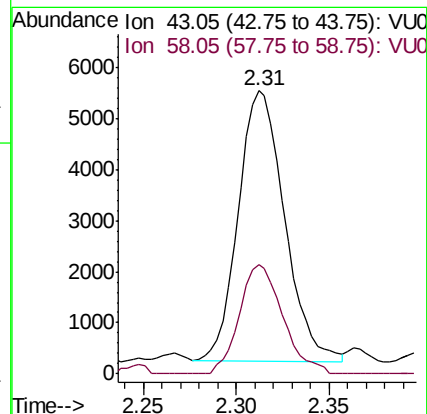
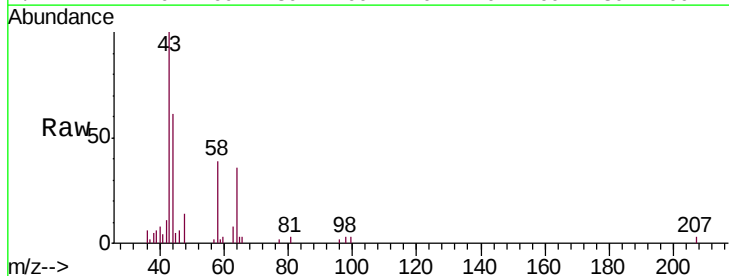
Acq: 07 Sep 2019 16:13

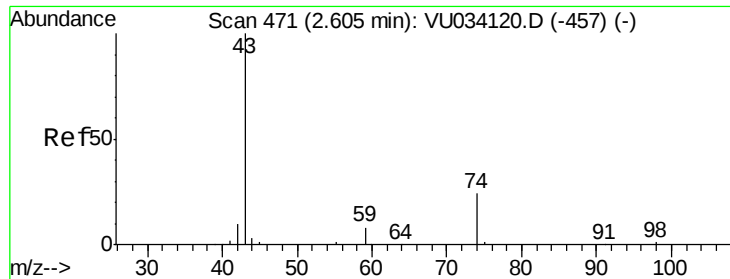
Tgt Ion: 43 Resp: 9169

Ion Ratio Lower Upper

43 100

58 38.0 0.0 67.6

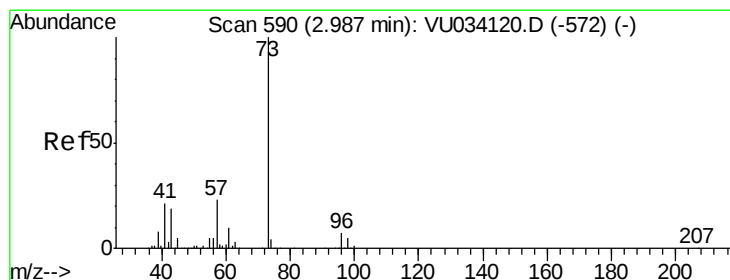
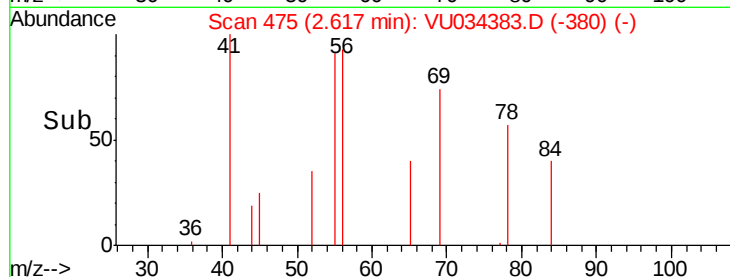
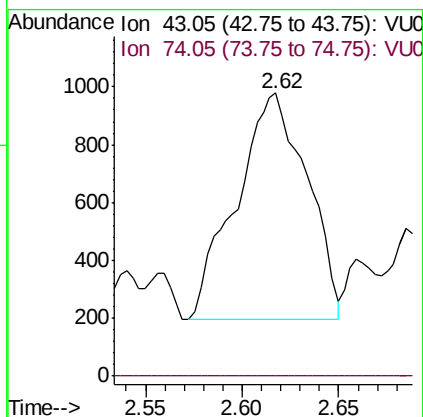
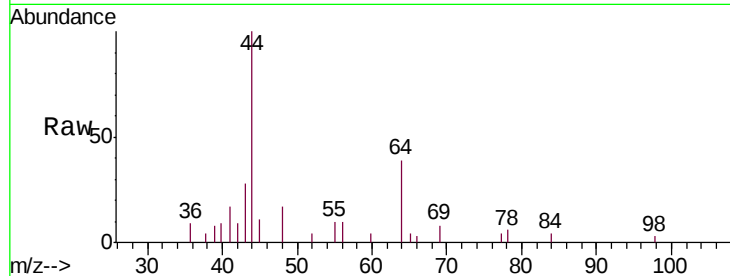




#15
Methyl Acetate
Concen: 0.237 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU034383.D
Acq: 07 Sep 2019 16:13

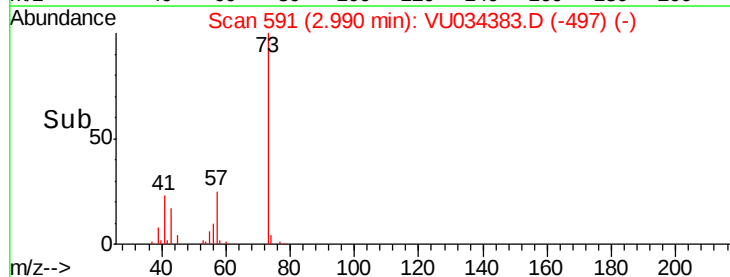
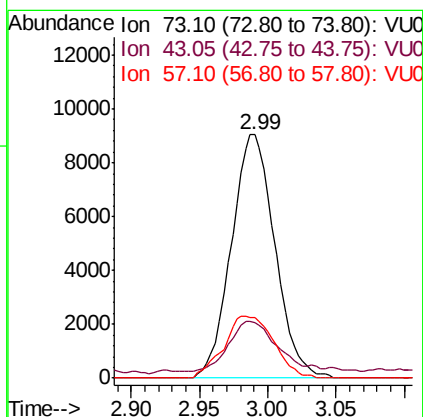
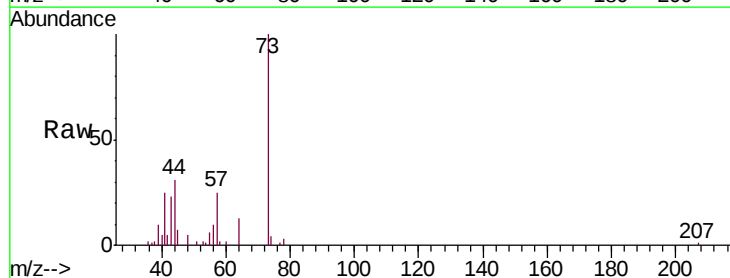
Instrument :
MSVOA_U
ClientSampled :
BFDA7

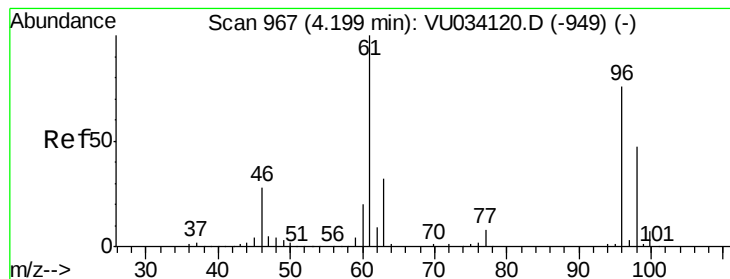
Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#



#17
Methyl tert-butyl Ether
Concen: 0.447 ug/L
RT: 2.99 min Scan# 591
Delta R.T. 0.00 min
Lab File: VU034383.D
Acq: 07 Sep 2019 16:13

Tgt Ion: 73 Resp: 19981
Ion Ratio Lower Upper
73 100
43 23.6 14.7 22.1#
57 29.3 18.6 27.8#



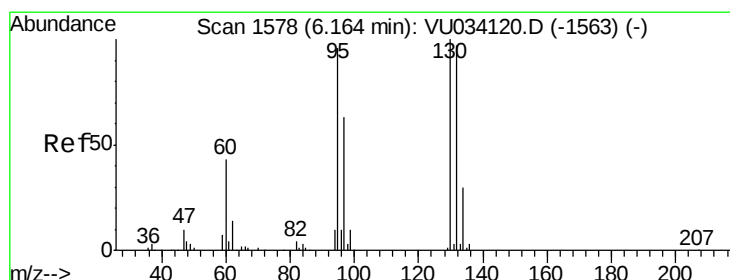
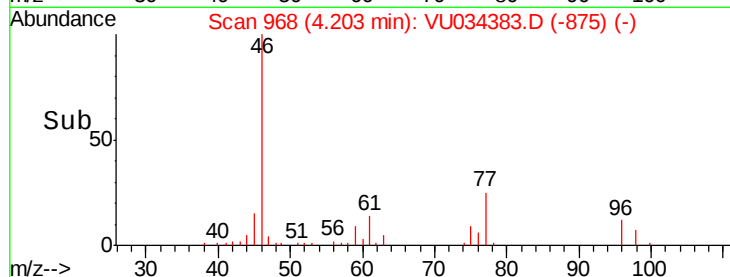
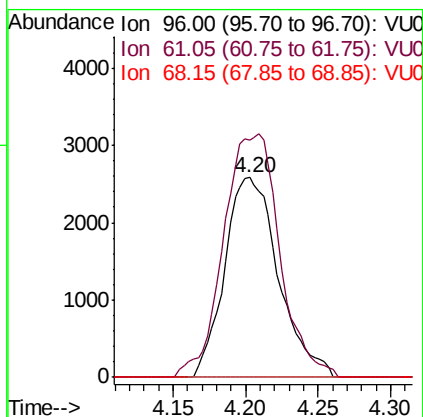
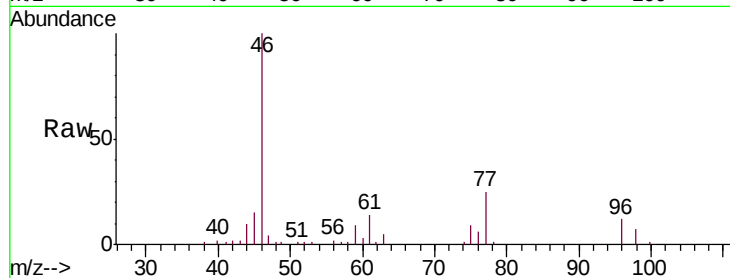


#22

cis-1,2-Dichloroethene
 Concen: 0.305 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034383.D
 Acq: 07 Sep 2019 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDA7

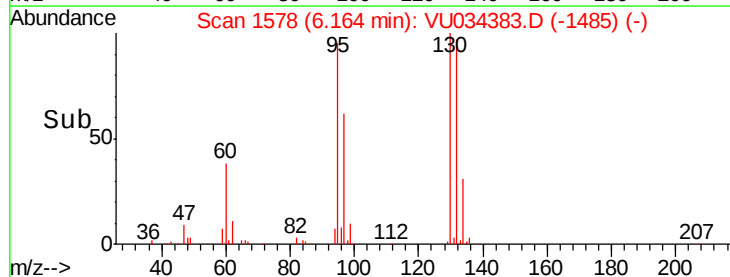
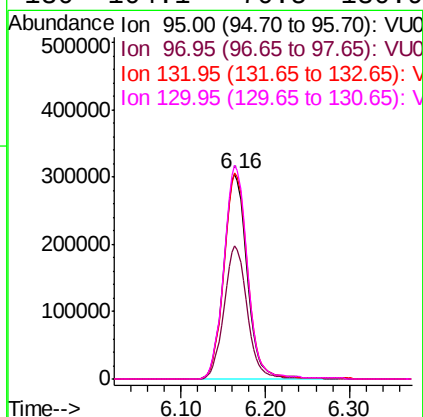
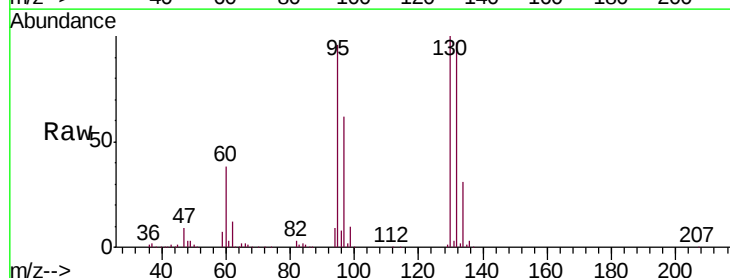
Tgt Ion: 96 Resp: 6668
 Ion Ratio Lower Upper
 96 100
 61 118.7 93.6 173.8
 68 0.0 0.0 0.0

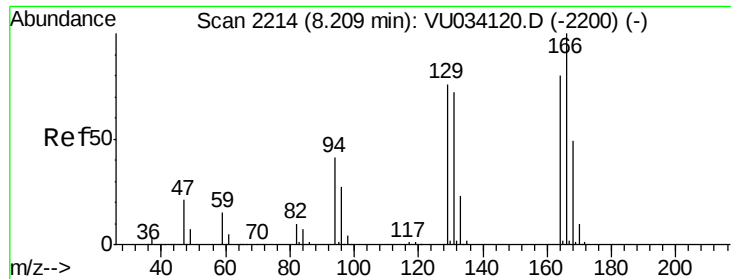


#34

Trichloroethene
 Concen: 25.629 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU034383.D
 Acq: 07 Sep 2019 16:13

Tgt Ion: 95 Resp: 589006
 Ion Ratio Lower Upper
 95 100
 97 64.8 43.3 80.5
 132 100.5 68.6 127.4
 130 104.1 70.5 130.9





#47

Tetrachloroethene

Concen: 6.640 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034383.D

Acq: 07 Sep 2019 16:13

Instrument :

MSVOA_U

ClientSampleId :

BFDA7

Tgt Ion:164 Resp: 125414

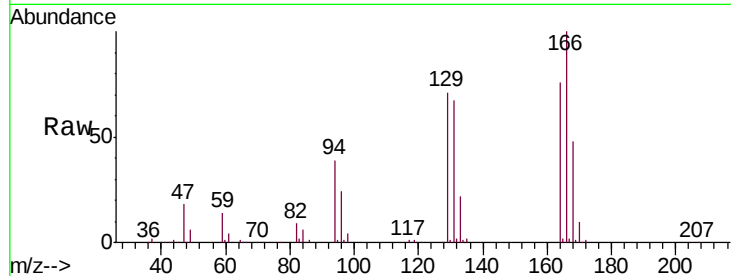
Ion Ratio Lower Upper

164 100

129 92.6 68.0 126.2

131 88.1 64.6 120.0

166 130.9 92.0 170.8



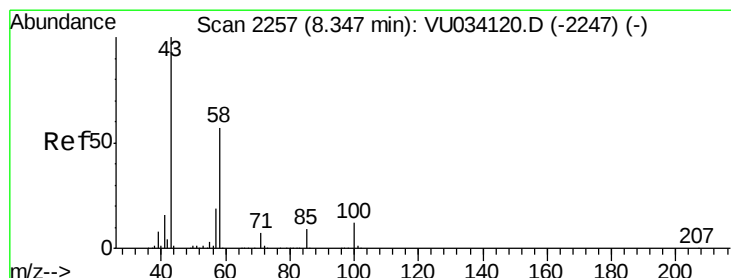
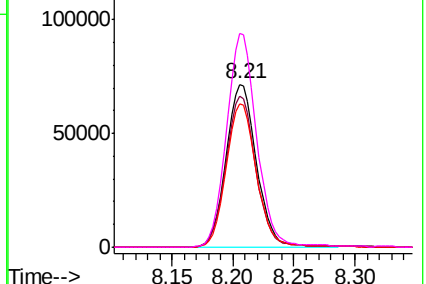
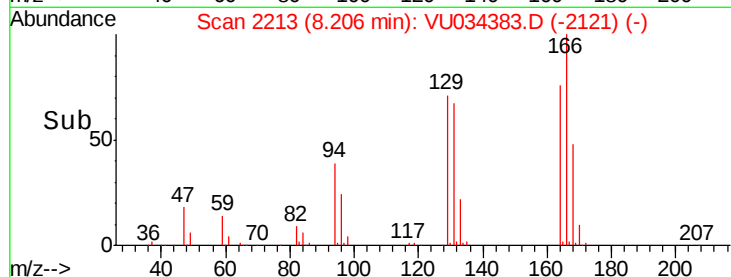
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.893 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU034383.D

Acq: 07 Sep 2019 16:13

Tgt Ion: 43 Resp: 16805

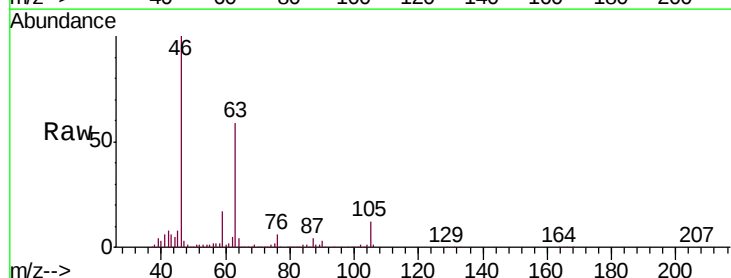
Ion Ratio Lower Upper

43 100

58 41.1 44.9 67.3#

57 33.1 15.0 22.6#

100 2.1 9.2 13.8#



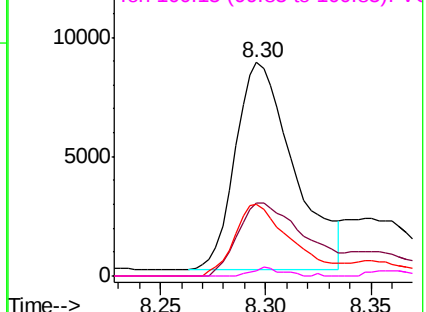
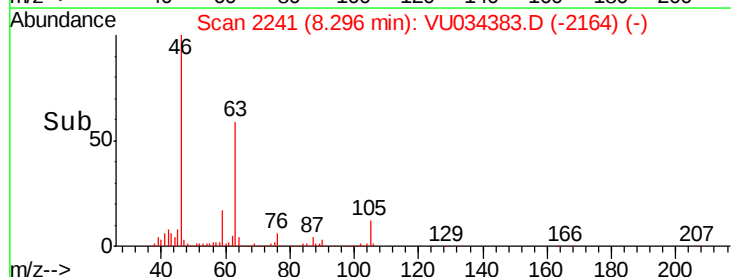
Abundance

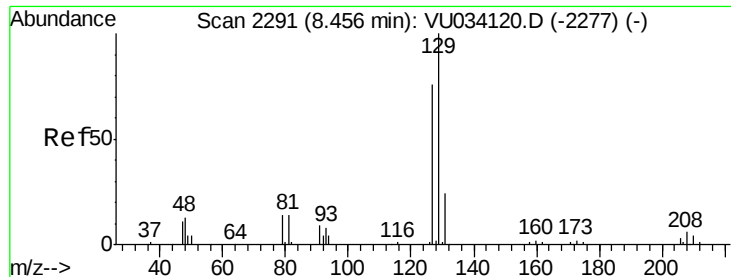
Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

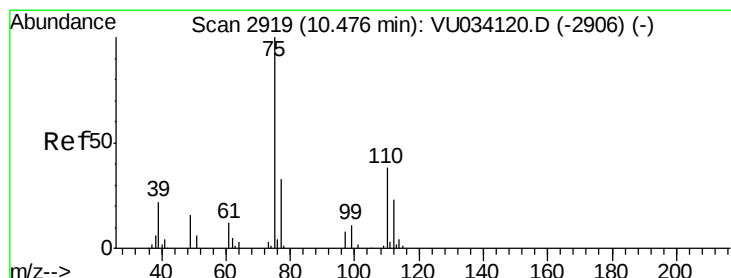
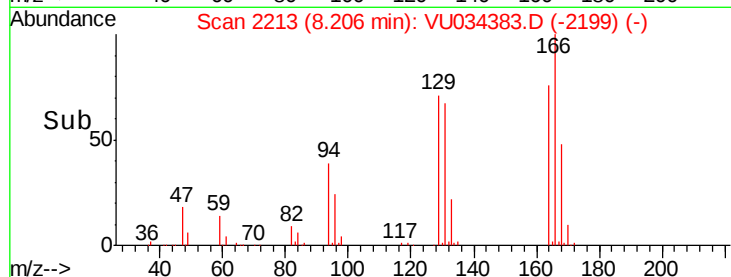
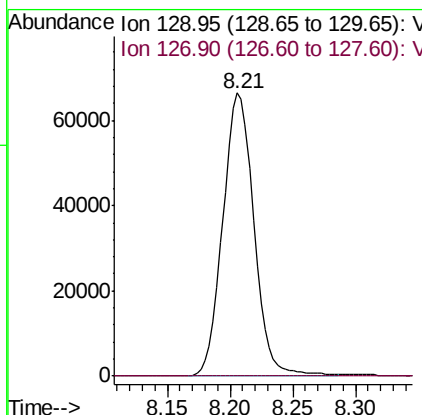
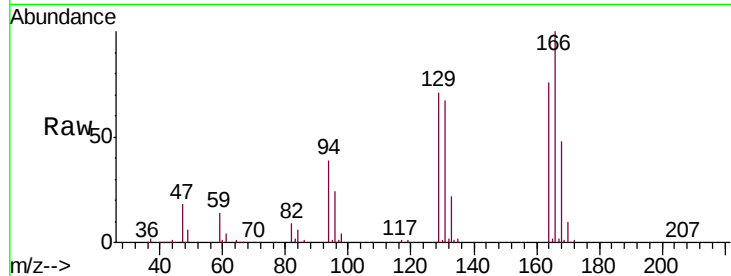




#49
 Dibromochloromethane
 Concen: 6.555 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.25 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 BFDA7

Tgt Ion: 129 Resp: 114594
 Ion Ratio Lower Upper
 129 100
 127 0.2 54.2 100.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.089 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.98 min
 Lab File: VU034383.D
 Acq: 07 Sep 2019 16:13

Tgt Ion: 75 Resp: 14324
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.0 39.0

