

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030932.D
 Acq On : 09 Apr 2019 02:14
 Operator : JC/SP
 Sample : K2248-19MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD3MS

Quant Time: Apr 09 04:34:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 03:34:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226105	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85329	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	91539	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	79526	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.27	63	189007	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.80%
20) 2-Butanone-d5	4.19	46	318399	71.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.02%#
24) Chloroform-d	4.64	84	155963	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.31	65	100084	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.80%
32) Benzene-d6	5.33	84	311491	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	110155	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.56	98	239530	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	37371	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.31	63	195593	62.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93237	6.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	84153	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

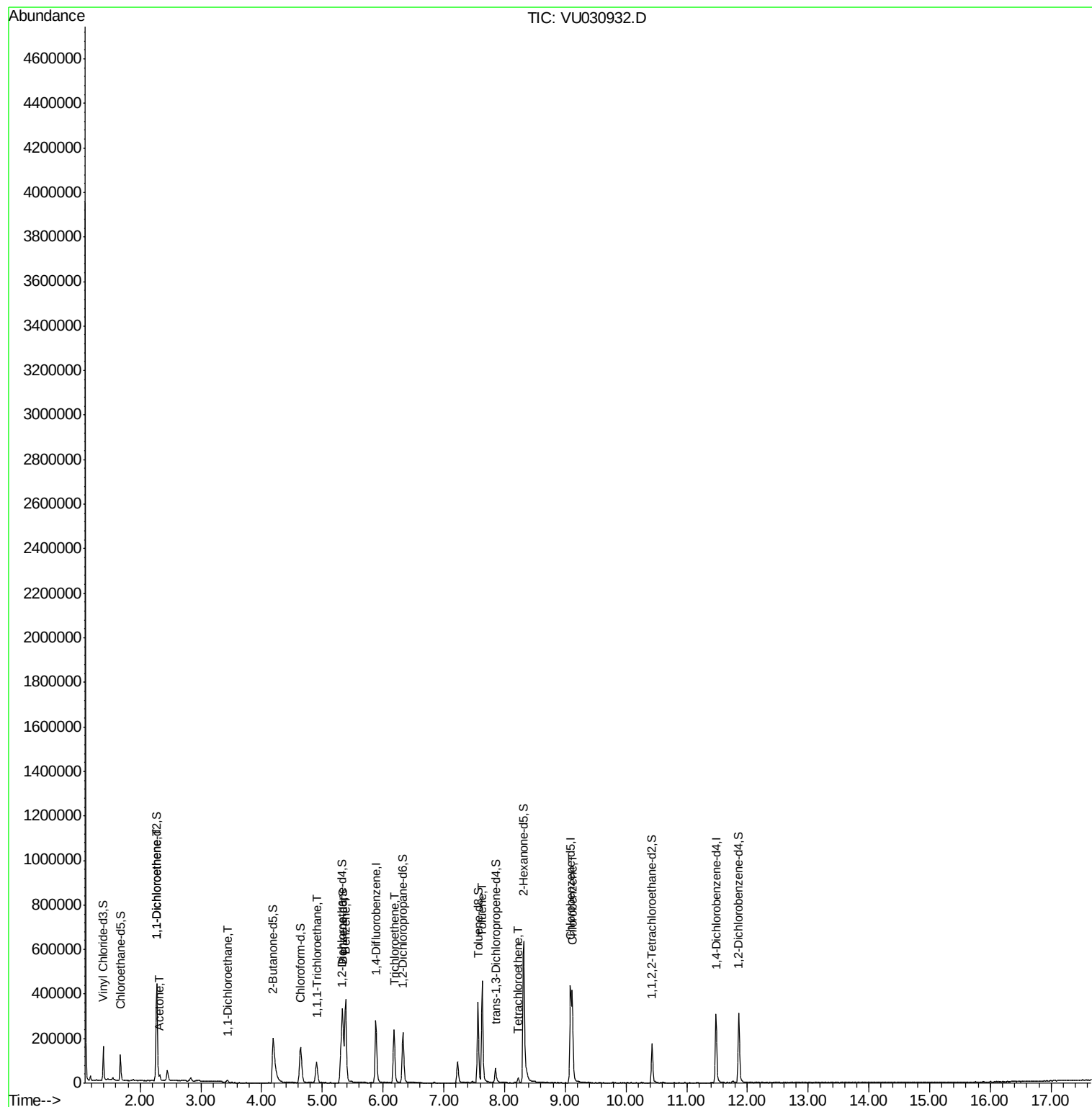
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	92054	5.580	ug/L	94
13) Acetone	2.32	43	24181	7.025	ug/L	95
19) 1,1-Dichloroethane	3.44	63	10077	0.274	ug/L	95
29) 1,1,1-Trichloroethane	4.91	97	69240	2.463	ug/L	97
33) Benzene	5.38	78	362144	4.851	ug/L	100
34) Trichloroethene	6.18	95	87265	4.669	ug/L	97
42) Toluene	7.63	91	330752	4.418	ug/L	99
47) Tetrachloroethene	8.23	164	5274	0.402	ug/L	90
51) Chlorobenzene	9.12	112	214697	4.650	ug/L	99

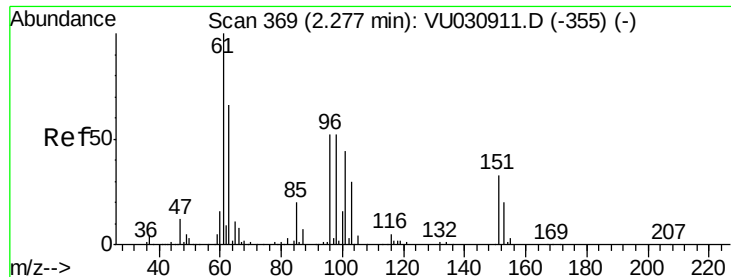
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.580 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU030932.D

Acq: 09 Apr 2019 02:14

Instrument :

MSVOA_U

ClientSampleId :

E3YD3MS

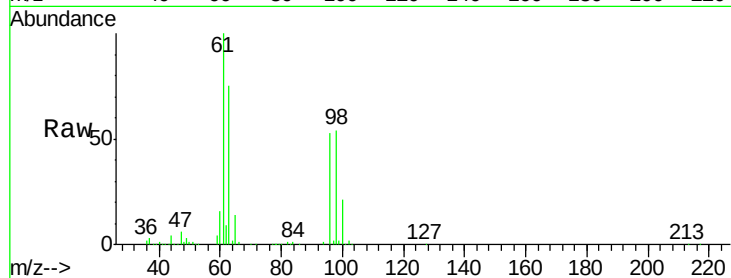
Tot Ion: 96 Resp: 92054

Ion Ratio Lower Upper

96 100

61 189.6 136.9 254.3

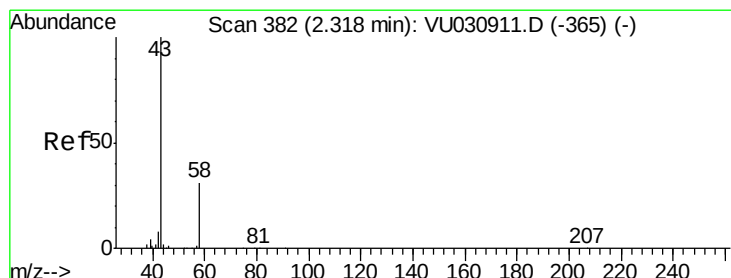
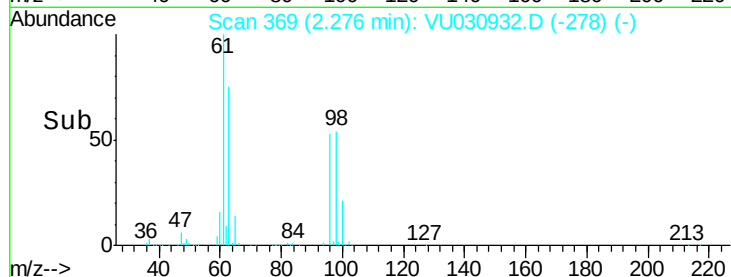
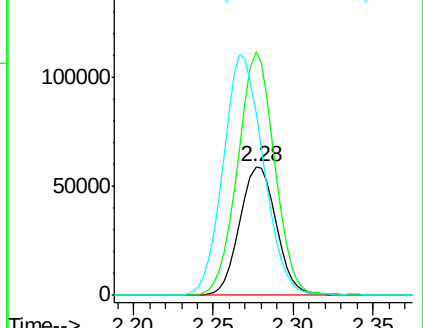
63 141.7 107.7 200.1



Abundance Ion 96.00 (95.70 to 96.70): VU030932.D (-278) (-)

Ion 61.05 (60.75 to 61.75): VU030932.D (-278) (-)

Ion 63.00 (62.70 to 63.70): VU030932.D (-278) (-)



#13

Acetone

Concen: 7.025 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030932.D

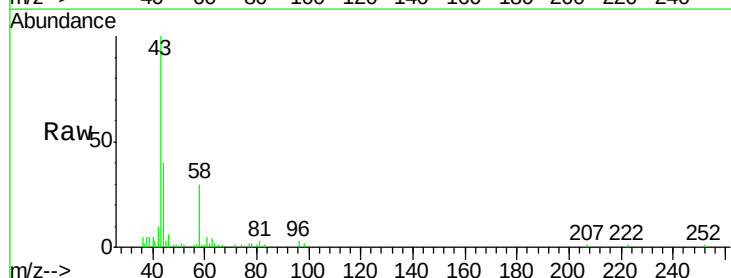
Acq: 09 Apr 2019 02:14

Tgt Ion: 43 Resp: 24181

Ion Ratio Lower Upper

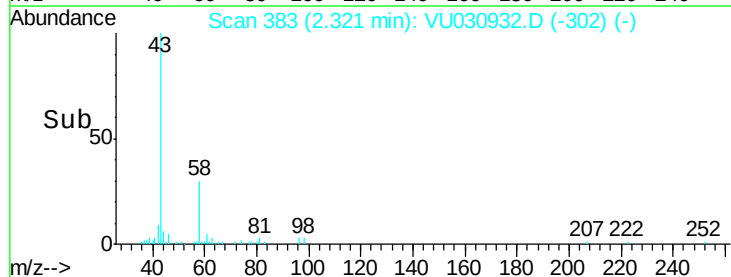
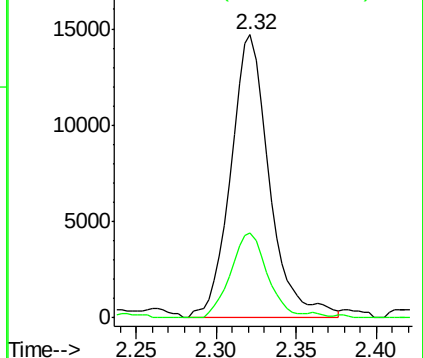
43 100

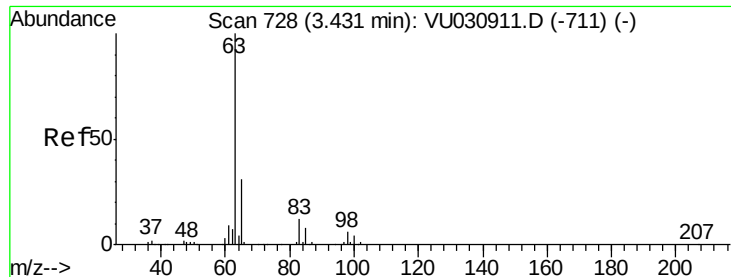
58 28.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030932.D (-302) (-)

Ion 58.05 (57.75 to 58.75): VU030932.D (-302) (-)

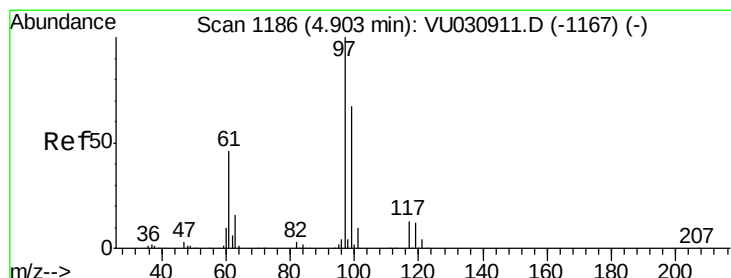
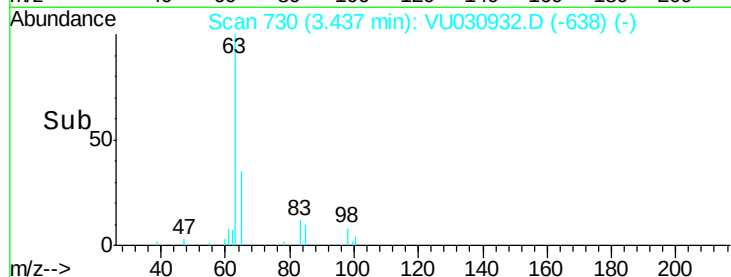
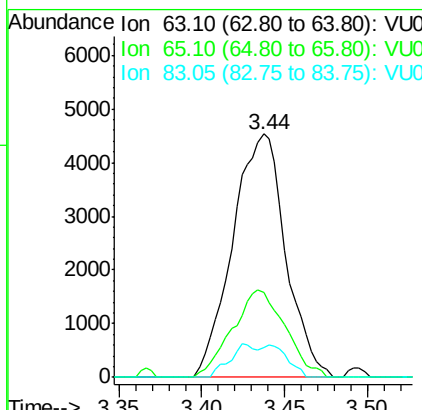
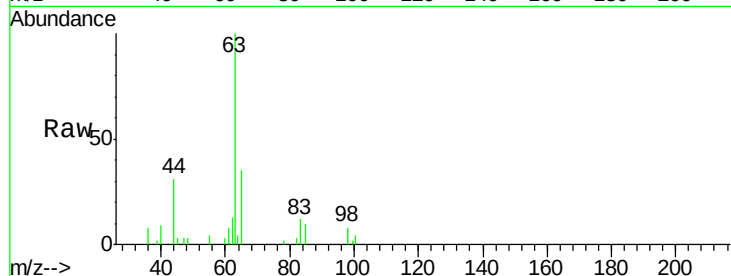




#19
 1,1-Dichloroethane
 Concen: 0.274 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU030932.D
 Acq: 09 Apr 2019 02:14

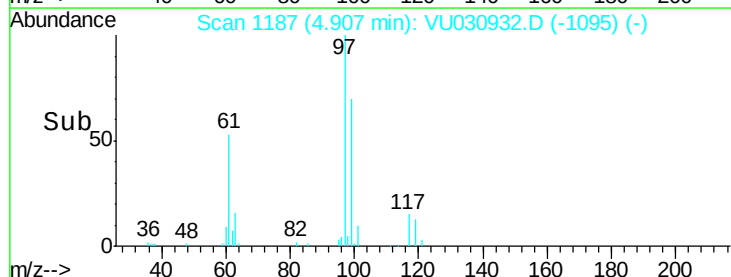
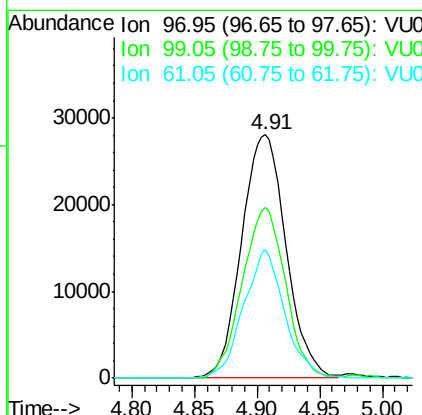
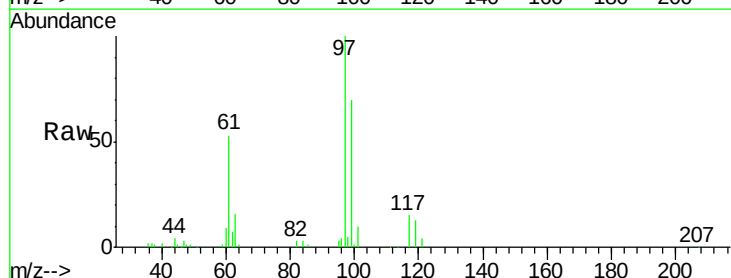
Instrument :
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 E3YD3MS

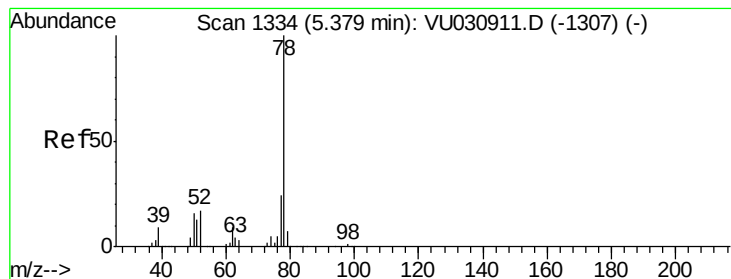
Tot Ion	63	Resp	10077
Ion	Ratio	Lower	Upper
63	100		
65	34.7	21.6	40.0
83	12.4	9.1	16.9



#29
 1,1,1-Trichloroethane
 Concen: 2.463 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030932.D
 Acq: 09 Apr 2019 02:14

Tgt Ion	97	Resp	69240
Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.8	77.6
61	48.5	38.1	57.1





#33

Benzene

Concen: 4.851 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU030932.D

Acq: 09 Apr 2019 02:14

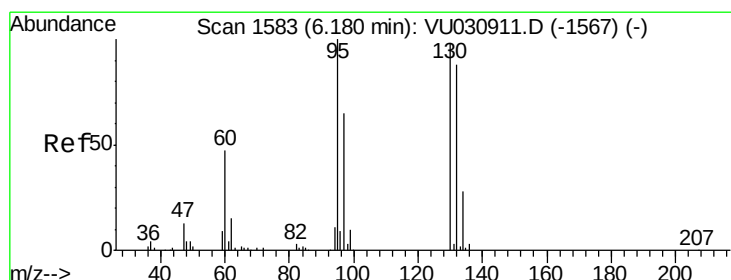
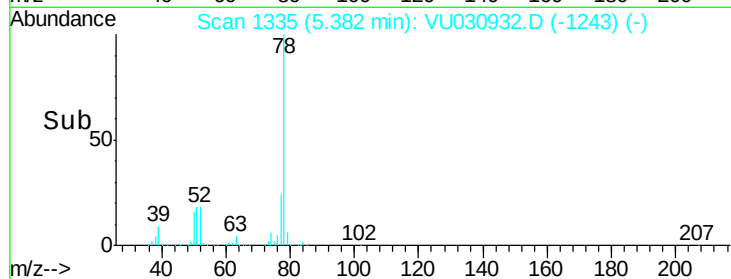
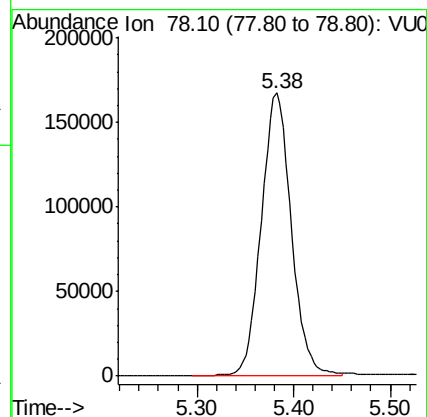
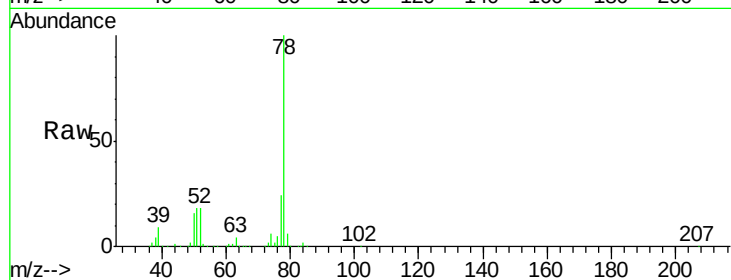
Instrument :

MSVOA_U

ClientSampleId :

E3YD3MS

Tgt Ion: 78 Resp: 362144



#34

Trichloroethene

Concen: 4.669 ug/L

RT: 6.18 min Scan# 1583

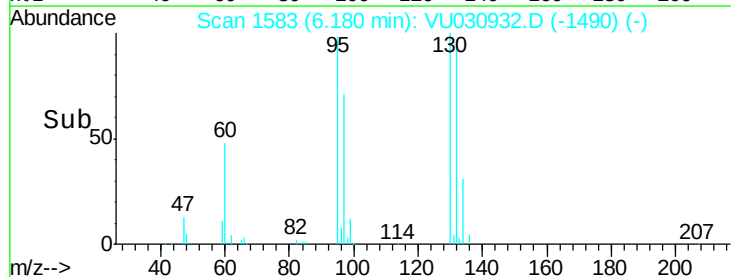
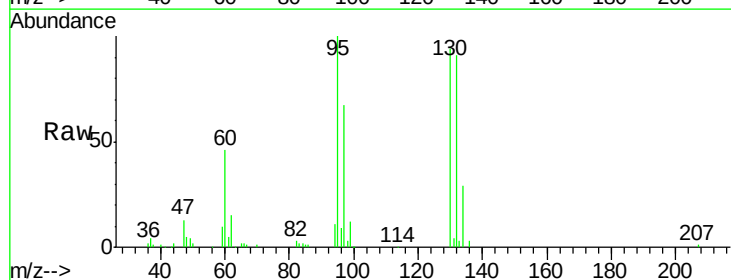
Delta R.T. -0.00 min

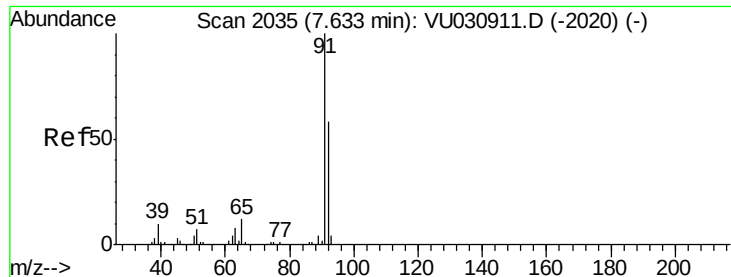
Lab File: VU030932.D

Acq: 09 Apr 2019 02:14

Tgt Ion: 95 Resp: 87265

Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.5	80.9
132	91.0	60.7	112.7
130	93.5	65.1	120.9





#42

Toluene

Concen: 4.418 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030932.D

Acq: 09 Apr 2019 02:14

Instrument :

MSVOA_U

ClientSampleId :

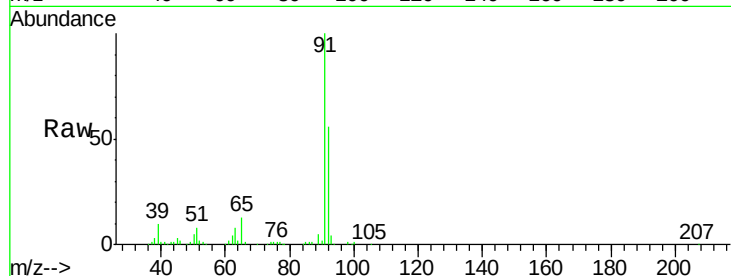
E3YD3MS

Tot Ion: 91 Resp: 330752

Ion Ratio Lower Upper

91 100

92 56.0 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU030911.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU030911.D (-2020) (-)

7.63

200000

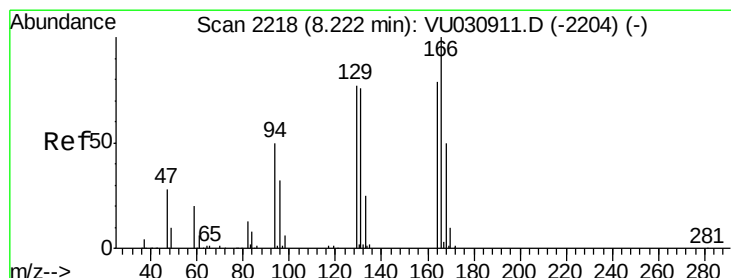
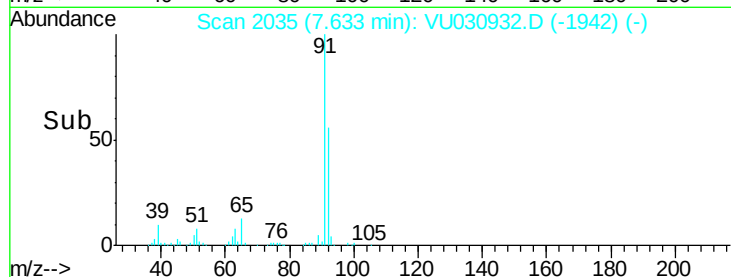
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 0.402 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU030932.D

Acq: 09 Apr 2019 02:14

Tgt Ion:164 Resp: 5274

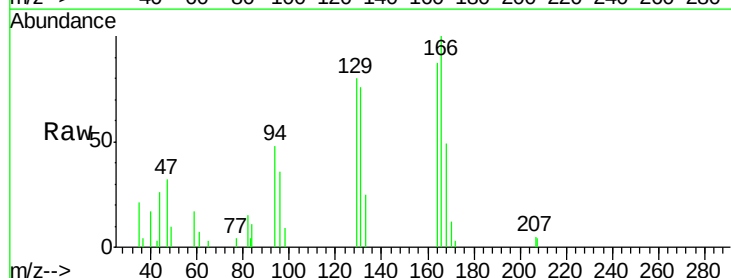
Ion Ratio Lower Upper

164 100

129 91.6 70.1 130.1

131 86.4 67.8 125.8

166 114.5 87.9 163.3



Abundance Ion 163.90 (163.60 to 164.60): VU030911.D (-2204) (-)

Ion 128.95 (128.65 to 129.65): VU030911.D (-2204) (-)

Ion 130.95 (130.65 to 131.65): VU030911.D (-2204) (-)

Ion 165.90 (165.60 to 166.60): VU030911.D (-2204) (-)

5000

4000

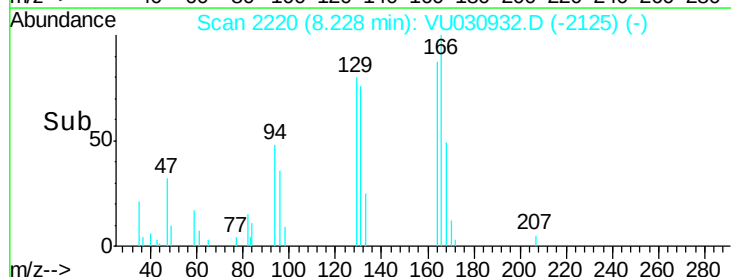
3000

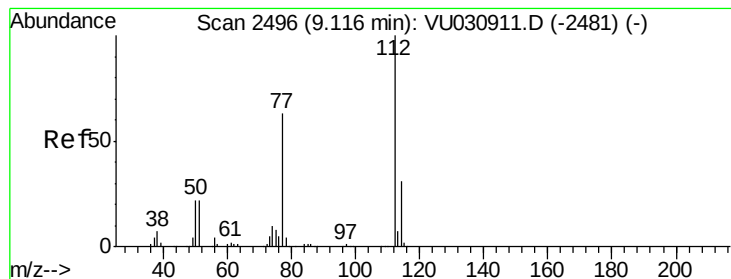
2000

1000

0

Time-->





#51

Chlorobenzene

Concen: 4.650 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU030932.D

Acq: 09 Apr 2019 02:14

Instrument :

MSVOA_U

ClientSampleId :

E3YD3MS

Tot Ion:112 Resp: 214697

Ion Ratio Lower Upper

112 100

114 30.1 22.3 41.5

77 64.1 51.0 76.6

