

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030933.D
 Acq On : 09 Apr 2019 02:38
 Operator : JC/SP
 Sample : K2248-20MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD3MSD

Quant Time: Apr 09 04:51:45 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	232722	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87171	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	94830	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.68	69	81528	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.27	63	199251	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.40%
20) 2-Butanone-d5	4.19	46	320206	69.88	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.76%#
24) Chloroform-d	4.64	84	156299	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.31	65	99154	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.80%
32) Benzene-d6	5.33	84	322786	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.33	67	111853	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.56	98	254250	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	37776	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.31	63	199022	62.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95507	6.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	88623	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

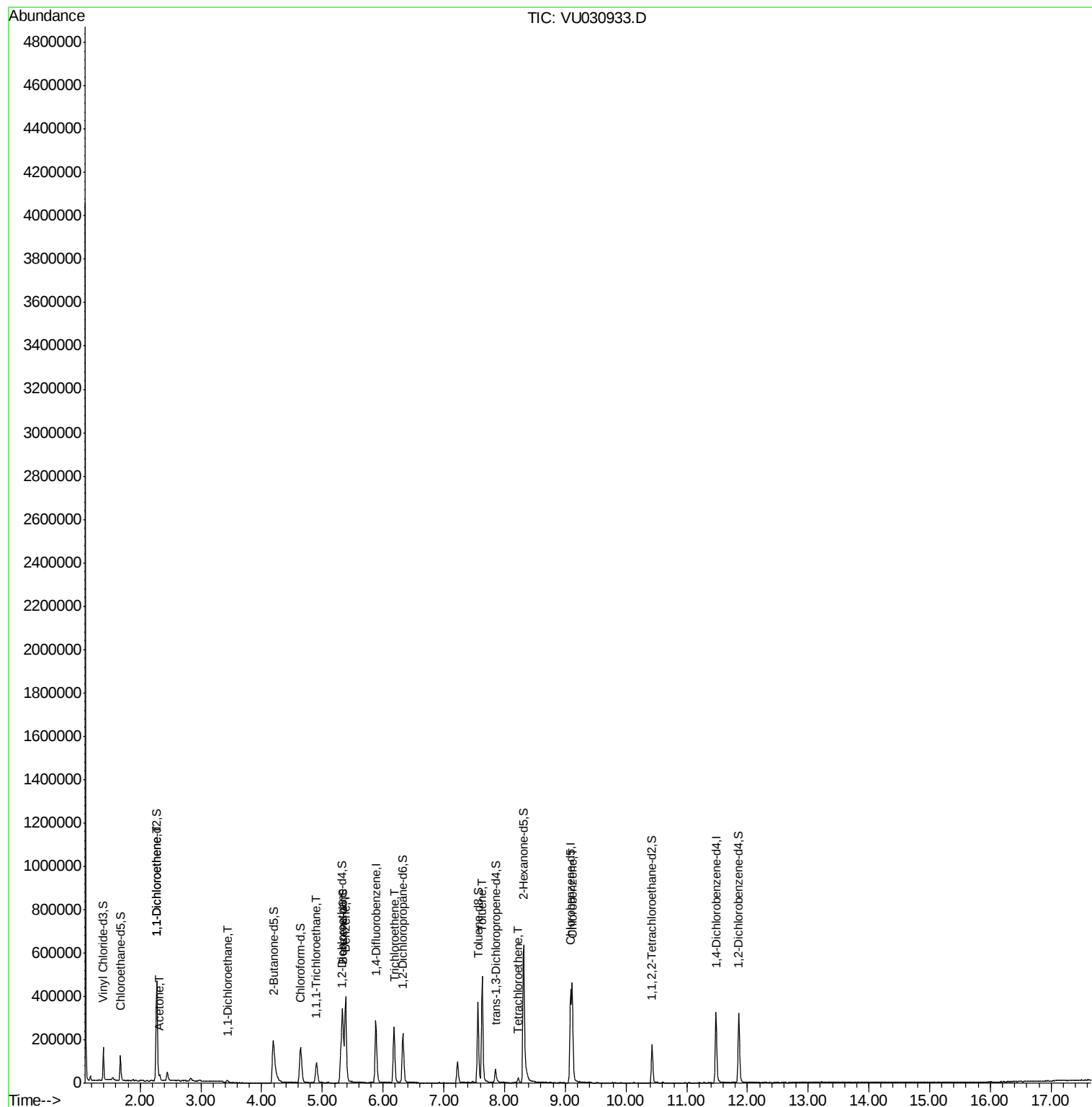
					Ovalue
12) 1,1-Dichloroethene	2.28	96	91891	5.411	ug/L 100
13) Acetone	2.32	43	24138	6.813	ug/L 97
19) 1,1-Dichloroethane	3.44	63	10185	0.269	ug/L 96
29) 1,1,1-Trichloroethane	4.91	97	69969	2.452	ug/L 99
33) Benzene	5.38	78	376326	4.966	ug/L 100
34) Trichloroethene	6.18	95	93281	4.917	ug/L 98
42) Toluene	7.63	91	358967	4.723	ug/L 100
47) Tetrachloroethene	8.22	164	5627	0.423	ug/L 91
51) Chlorobenzene	9.12	112	232140	4.954	ug/L 98

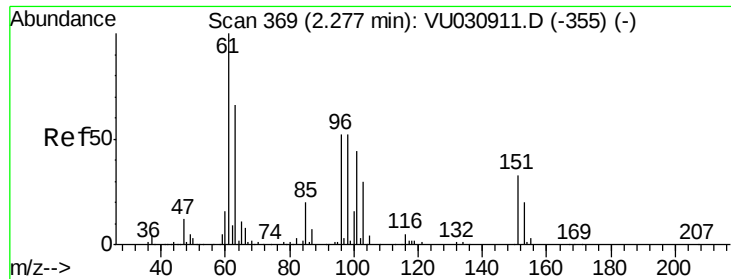
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.411 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU030933.D

Acq: 09 Apr 2019 02:38

Instrument :

MSVOA_U

ClientSampleId :

E3YD3MSD

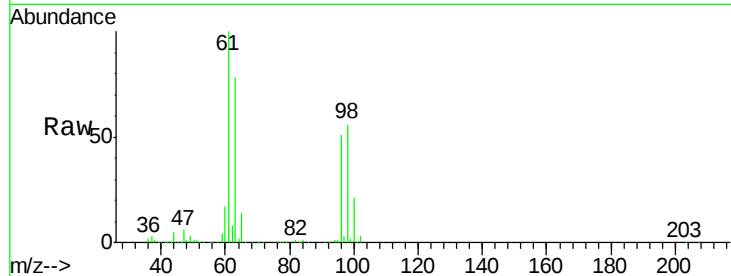
Tot Ion: 96 Resp: 91891

Ion Ratio Lower Upper

96 100

61 196.2 136.9 254.3

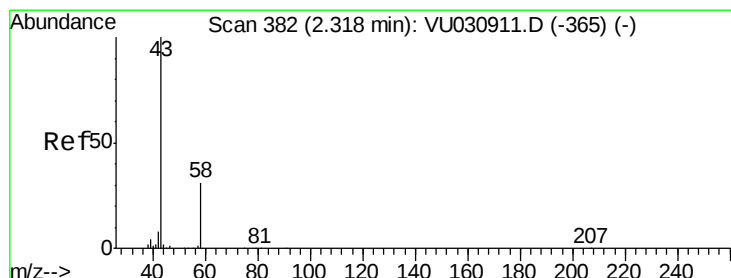
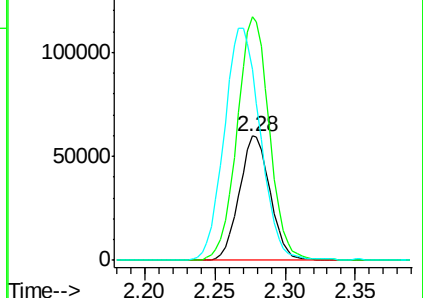
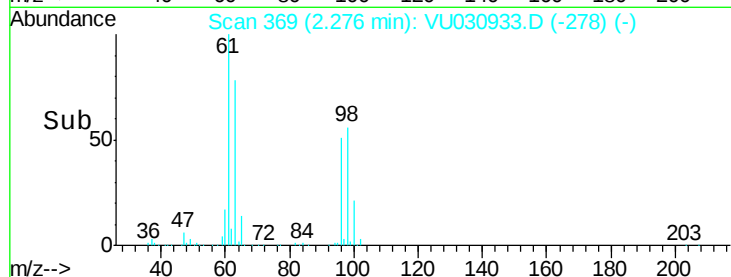
63 153.7 107.7 200.1



Abundance Ion 96.00 (95.70 to 96.70): VU030933.D (-278) (-)

Ion 61.05 (60.75 to 61.75): VU030933.D (-278) (-)

Ion 63.00 (62.70 to 63.70): VU030933.D (-278) (-)



#13

Acetone

Concen: 6.813 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030933.D

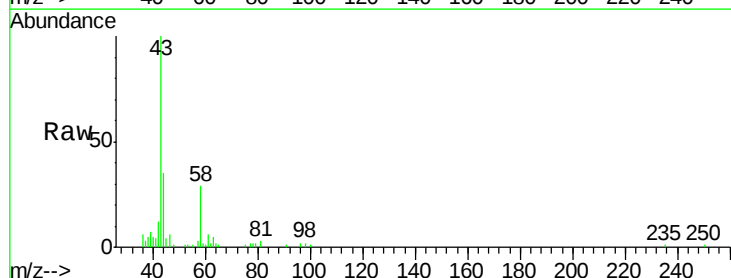
Acq: 09 Apr 2019 02:38

Tgt Ion: 43 Resp: 24138

Ion Ratio Lower Upper

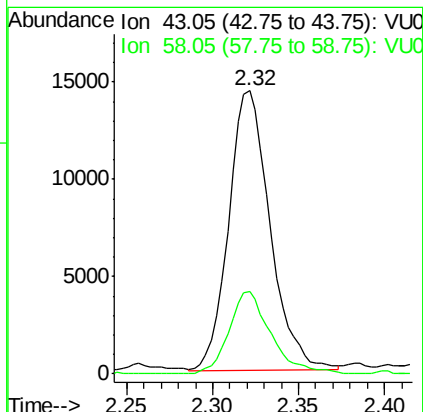
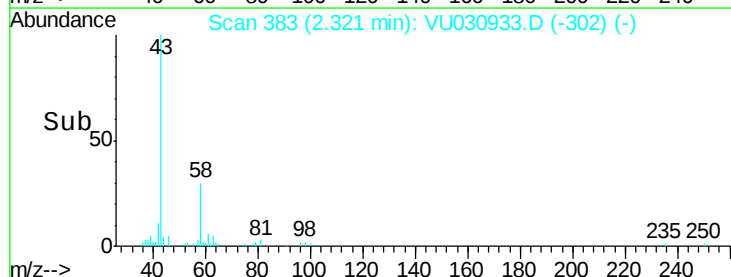
43 100

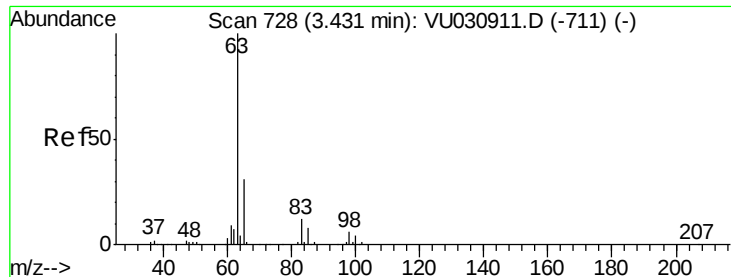
58 29.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030933.D (-302) (-)

Ion 58.05 (57.75 to 58.75): VU030933.D (-302) (-)

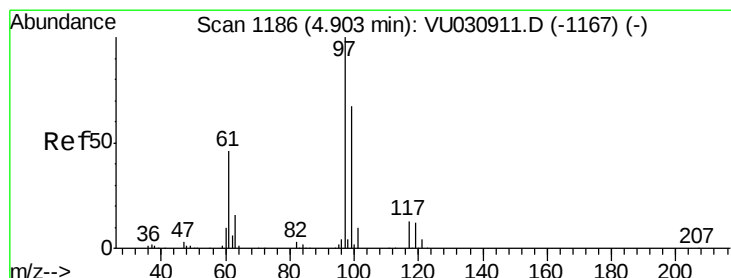
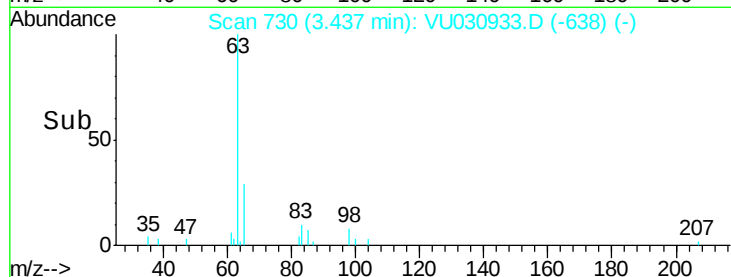
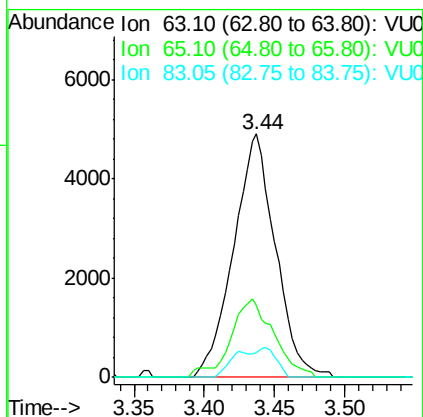
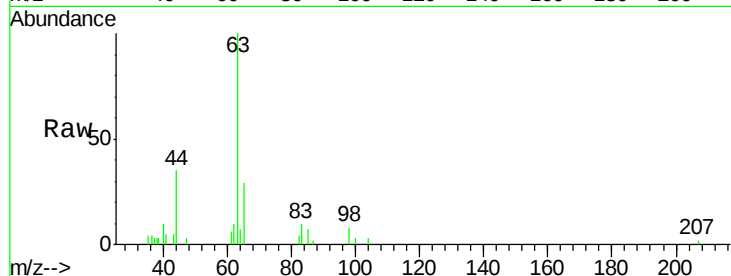




#19
 1,1-Dichloroethane
 Concen: 0.269 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU030933.D
 Acq: 09 Apr 2019 02:38

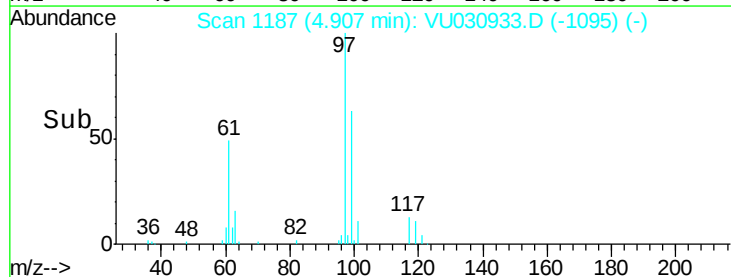
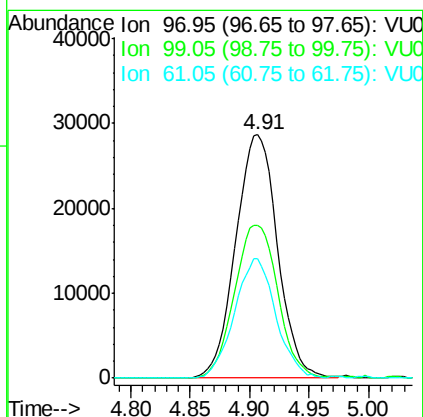
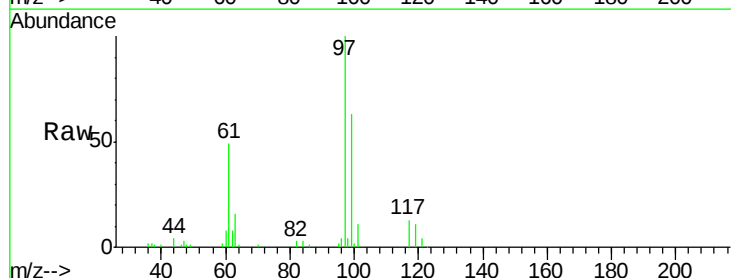
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD3MSD

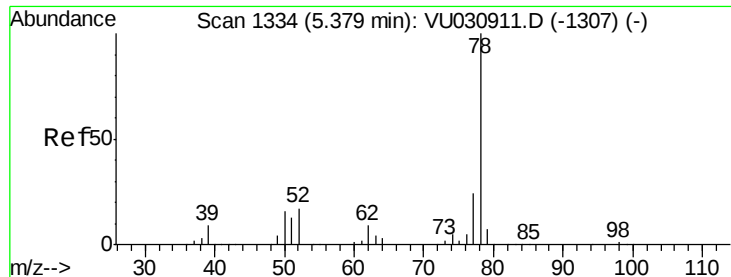
Tot Ion	63	Resp	10185
Ion	Ratio	Lower	Upper
63	100		
65	29.5	21.6	40.0
83	10.4	9.1	16.9



#29
 1,1,1-Trichloroethane
 Concen: 2.452 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030933.D
 Acq: 09 Apr 2019 02:38

Tgt Ion	97	Resp	69969
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	48.3	38.1	57.1





#33

Benzene

Concen: 4.966 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU030933.D

Acq: 09 Apr 2019 02:38

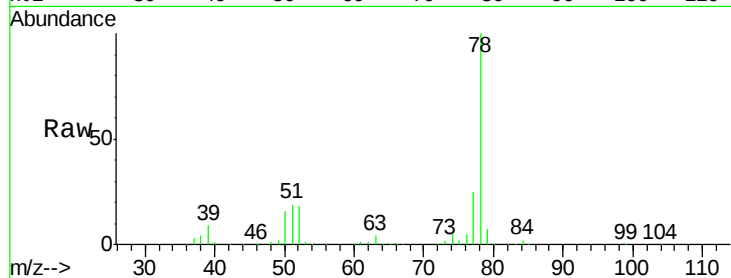
Instrument :

MSVOA_U

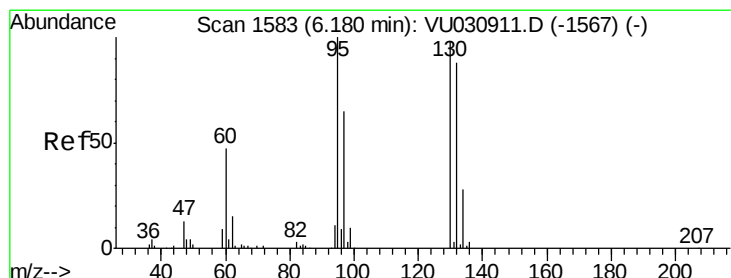
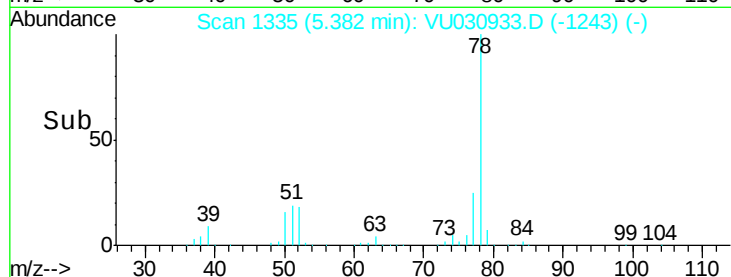
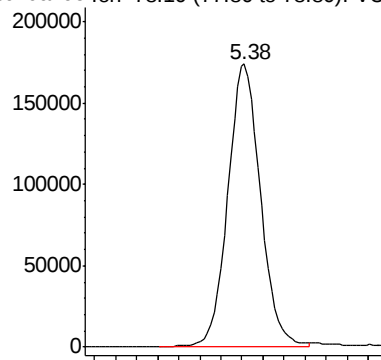
ClientSampleId :

E3YD3MSD

Tgt Ion: 78 Resp: 376326



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.917 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030933.D

Acq: 09 Apr 2019 02:38

Tgt Ion: 95 Resp: 93281

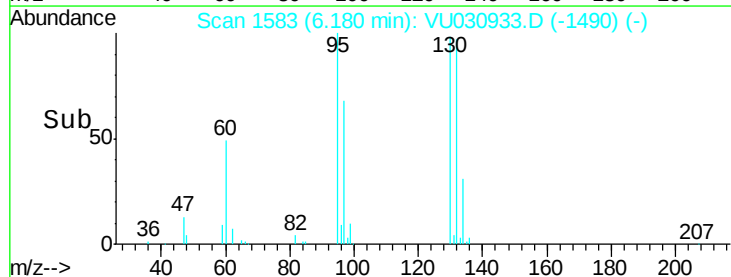
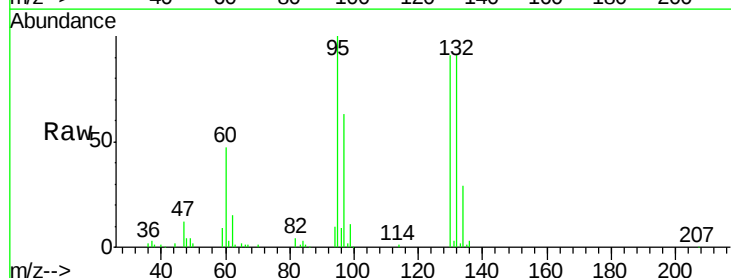
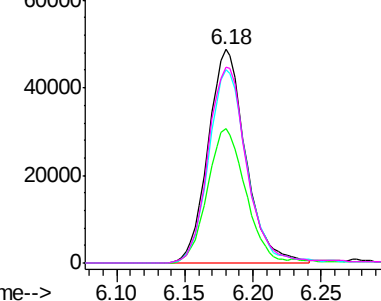
Ion	Ratio	Lower	Upper
95	100		
97	63.1	43.5	80.9
132	90.5	60.7	112.7
130	91.5	65.1	120.9

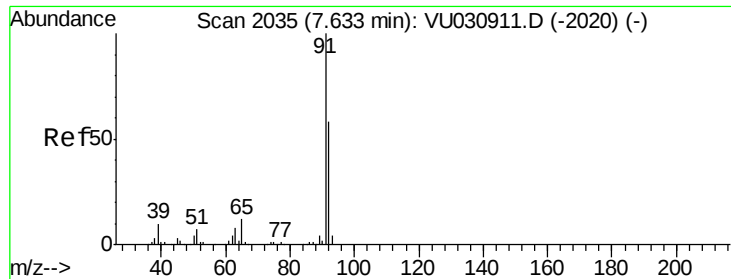
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 4.723 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030933.D

Acq: 09 Apr 2019 02:38

Instrument :

MSVOA_U

ClientSampled :

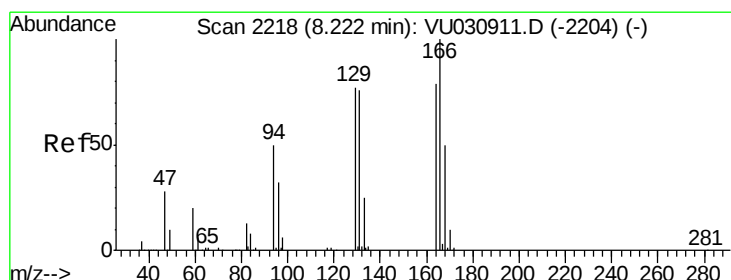
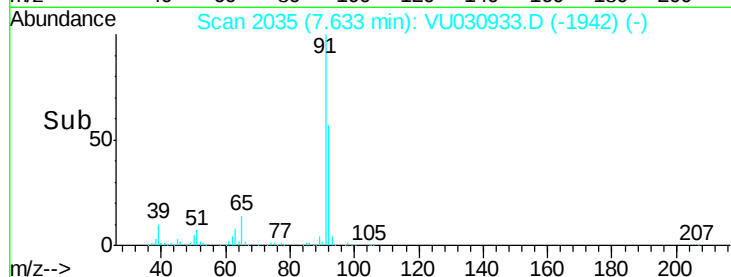
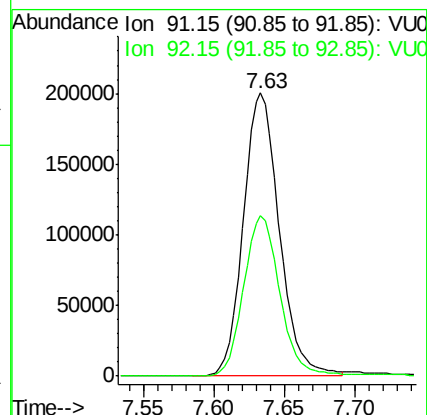
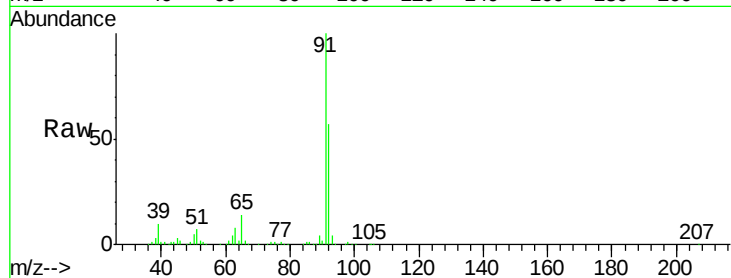
E3YD3MSD

Tot Ion: 91 Resp: 358967

Ion Ratio Lower Upper

91 100

92 56.6 39.9 74.1



#47

Tetrachloroethene

Concen: 0.423 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030933.D

Acq: 09 Apr 2019 02:38

Tgt Ion: 164 Resp: 5627

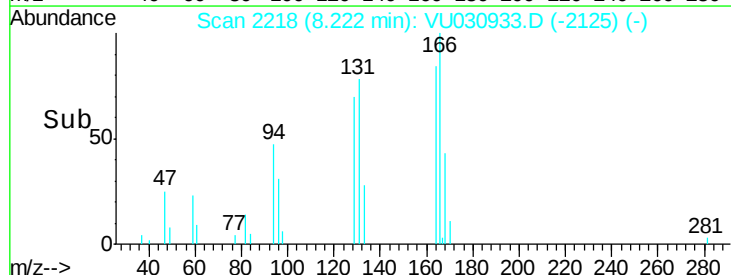
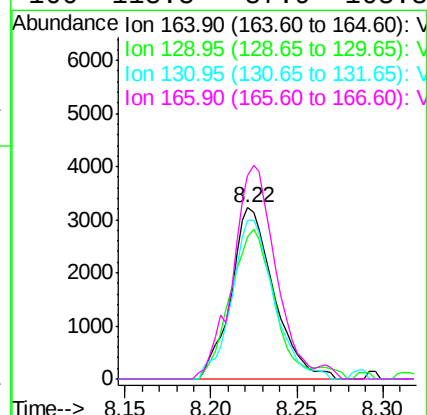
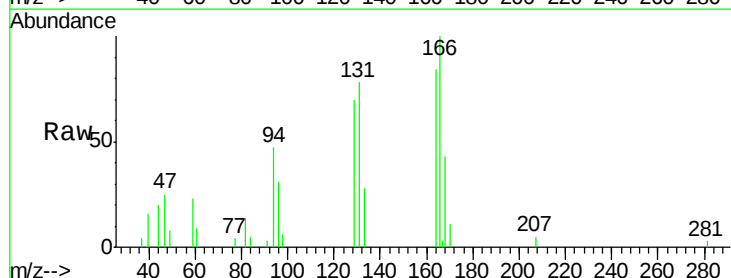
Ion Ratio Lower Upper

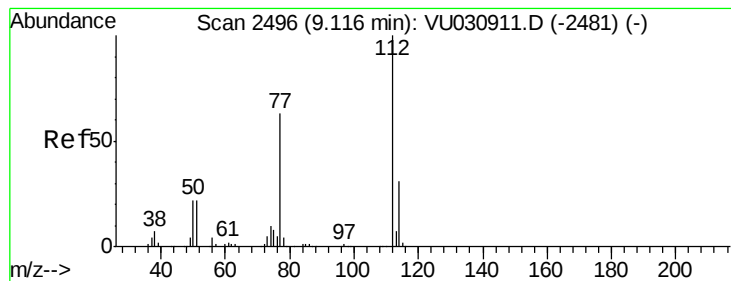
164 100

129 83.0 70.1 130.1

131 92.6 67.8 125.8

166 118.8 87.9 163.3





#51

Chlorobenzene

Concen: 4.954 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU030933.D

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Instrument :

MSVOA_U

ClientSampleId :

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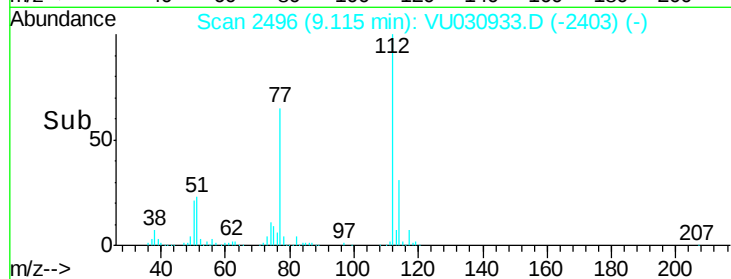
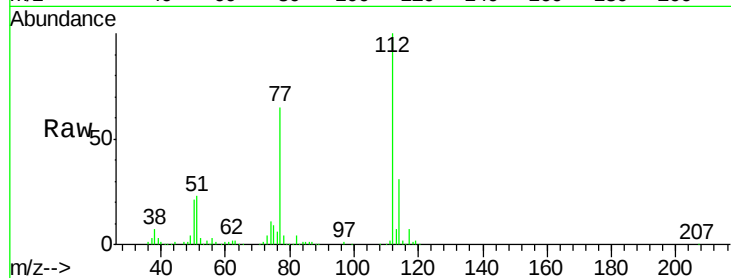
Tot Ion:112 Resp: 232140

Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 65.0 51.0 76.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

