

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\
 Data File : VU029742.D
 Acq On : 28 Feb 2019 16:52
 Operator : JC/SP
 Sample : K1577-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY0

Quant Time: Mar 01 01:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 00:18:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	242926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	232970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71170	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.68	69	70246	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.27	63	110560	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.20	46	232265	64.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.50%
24) Chloroform-d	4.65	84	135892	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	79279	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.34	84	314166	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.33	67	98778	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.56	98	279077	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	35127	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.31	63	225365	64.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86561	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	121945	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

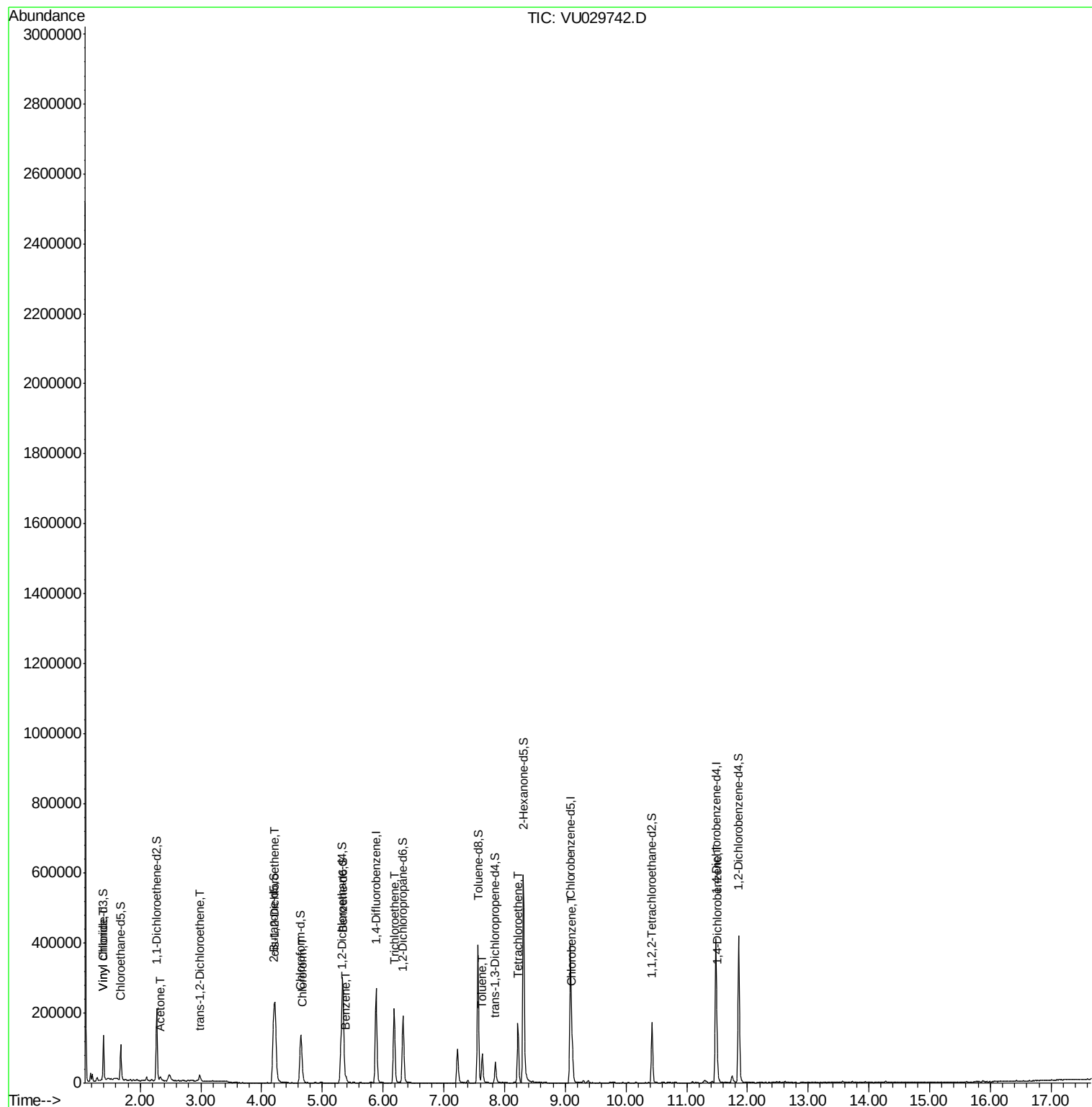
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.40	62	8143	0.393	ug/L #	19
13) Acetone	2.33	43	12729	4.940	ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	7294	0.372	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	103403	5.757	ug/L	94
25) Chloroform	4.67	83	18851	0.617	ug/L	99
33) Benzene	5.39	78	14212	0.231	ug/L	100
34) Trichloroethene	6.18	95	75909	4.417	ug/L	98
42) Toluene	7.63	91	66260	0.949	ug/L	100
47) Tetrachloroethene	8.22	164	41825	2.621	ug/L	98
51) Chlorobenzene	9.12	112	68717	1.432	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	24744	0.643	ug/L	96

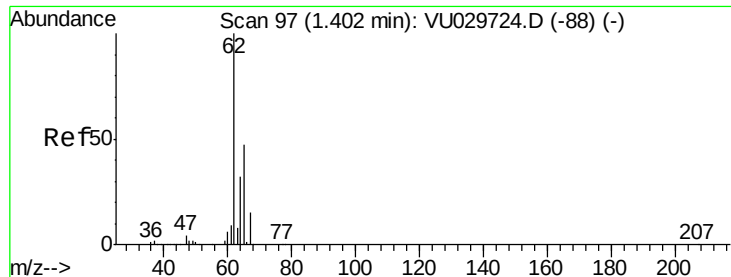
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.393 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029742.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

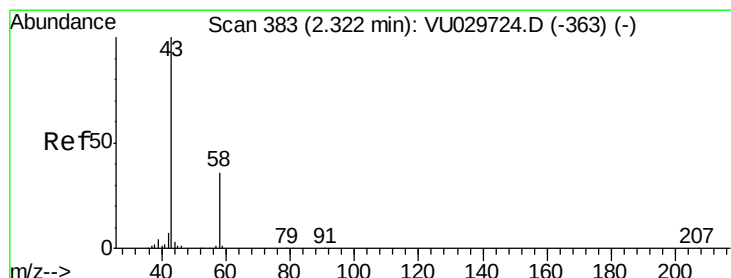
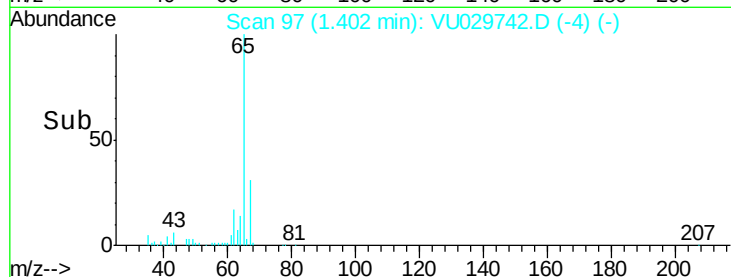
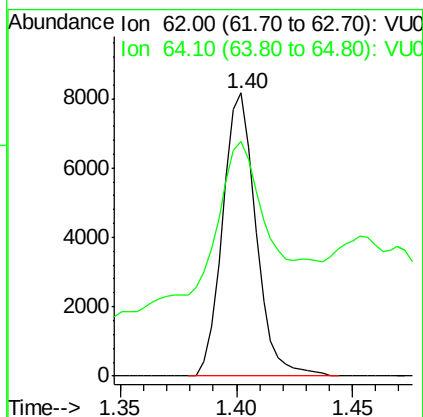
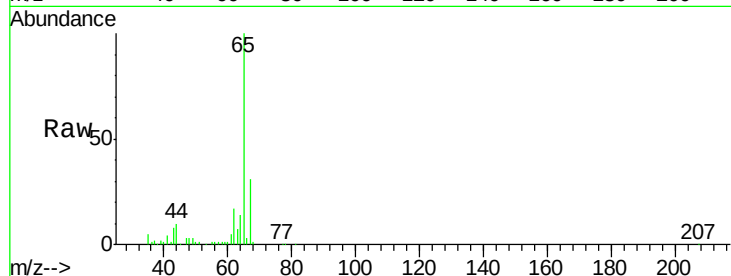
CWJY0

Tgt Ion: 62 Resp: 8143

Ion Ratio Lower Upper

62 100

64 83.0 24.8 46.1#



#13

Acetone

Concen: 4.940 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.01 min

Lab File: VU029742.D

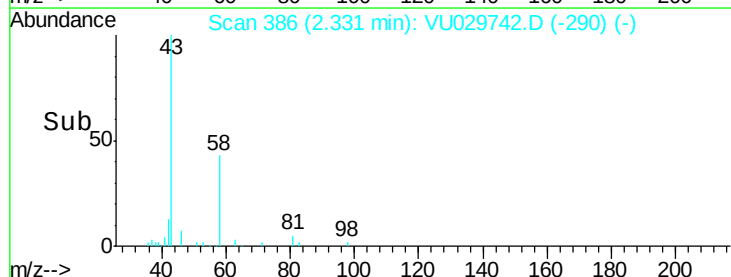
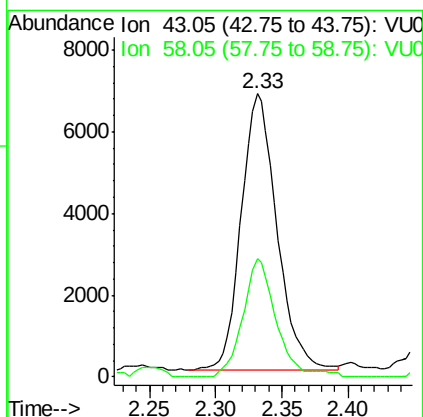
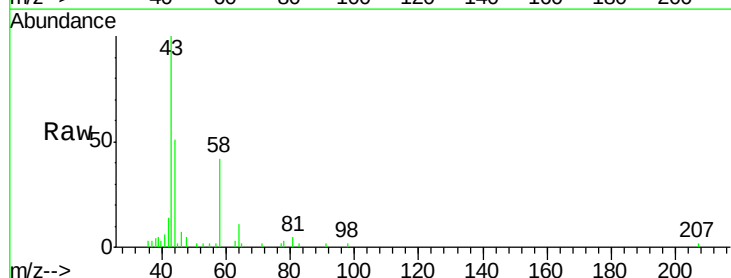
Acq: 28 Feb 2019 16:52

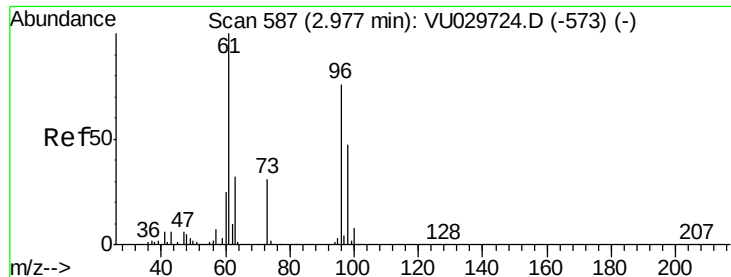
Tgt Ion: 43 Resp: 12729

Ion Ratio Lower Upper

43 100

58 38.4 0.0 70.2





#18

trans-1,2-Dichloroethene

Concen: 0.372 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU029742.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

CWJY0

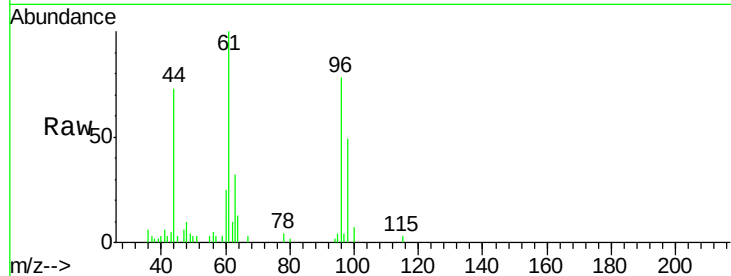
Tgt Ion: 96 Resp: 7294

Ion Ratio Lower Upper

96 100

61 127.5 90.3 167.7

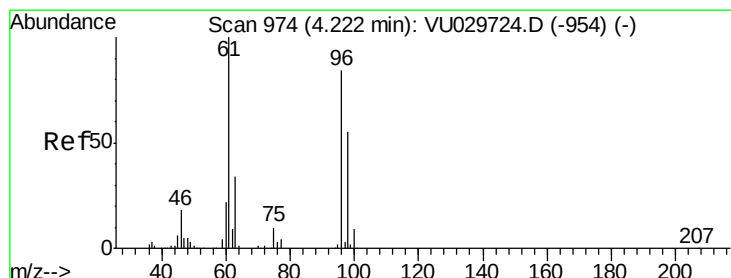
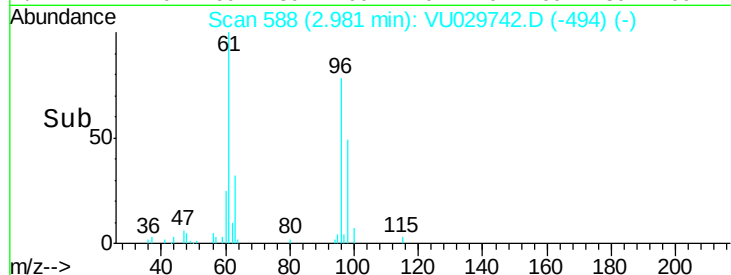
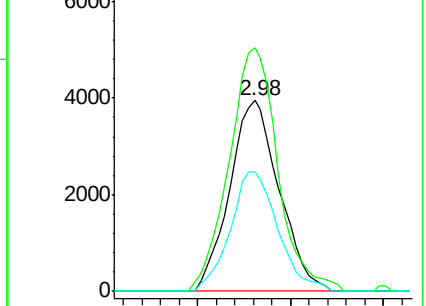
98 62.3 45.2 84.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 5.757 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029742.D

Acq: 28 Feb 2019 16:52

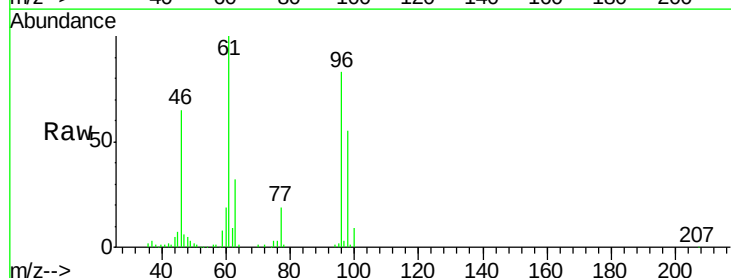
Tgt Ion: 96 Resp: 103403

Ion Ratio Lower Upper

96 100

61 120.8 80.2 149.0

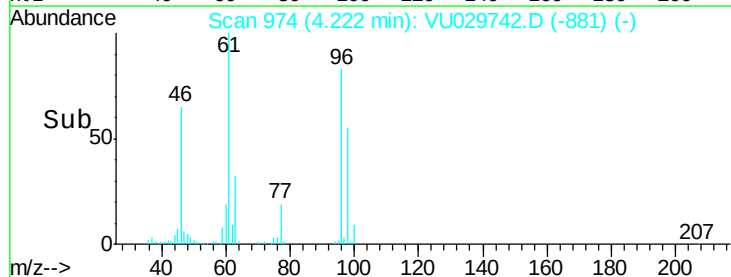
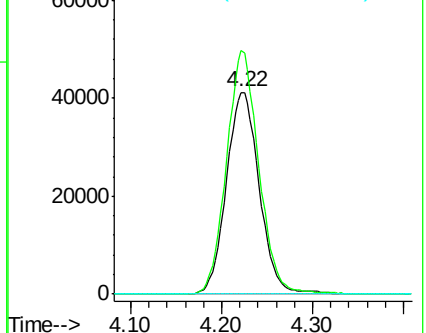
68 0.0 0.0 0.0

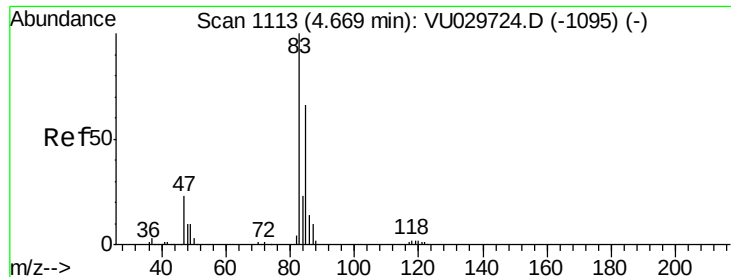


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

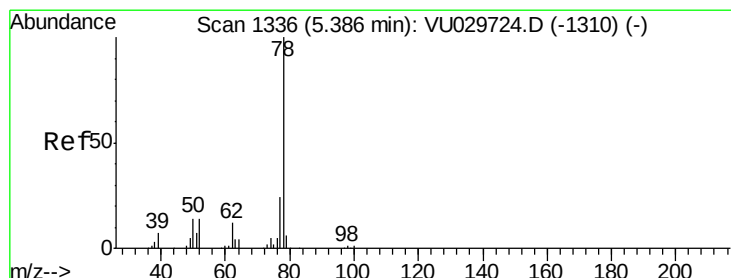
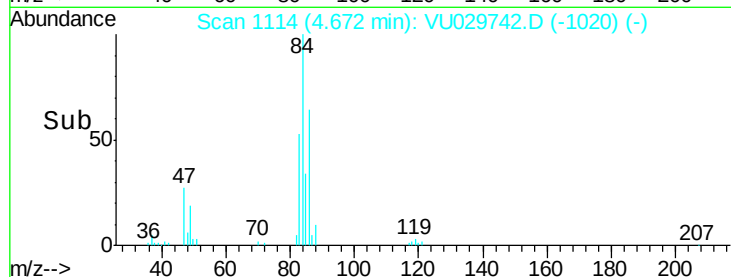
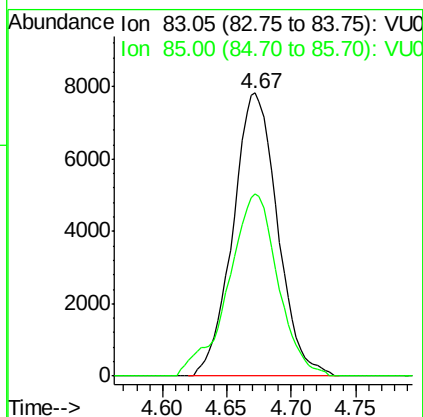
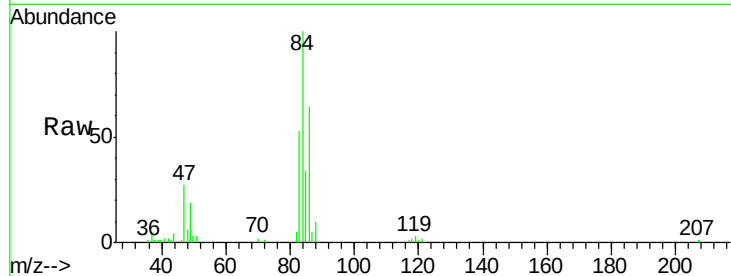




#25
Chloroform
Concen: 0.617 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

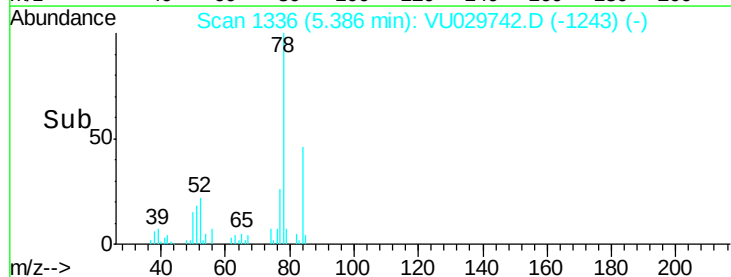
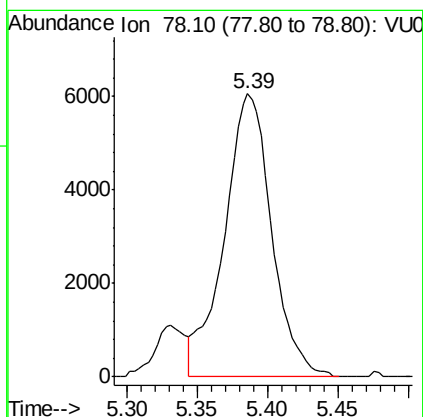
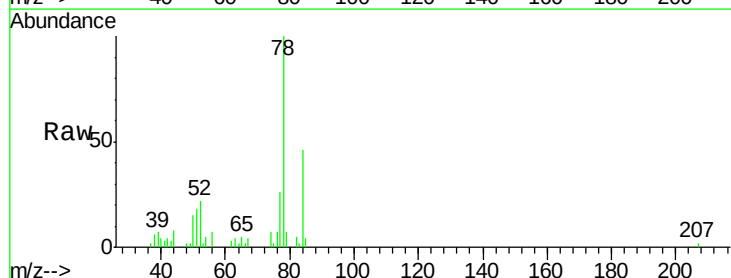
Instrument :
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ClientSampleId :
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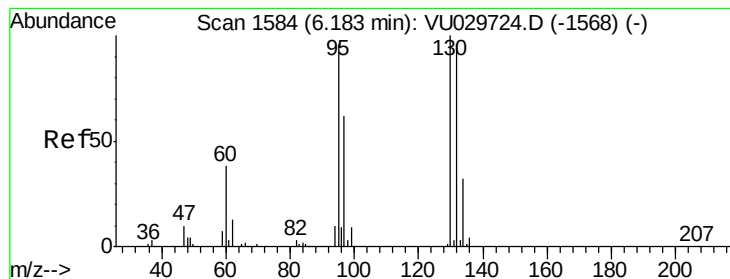
Tgt Ion: 83 Resp: 18851
Ion Ratio Lower Upper
83 100
85 64.3 45.6 84.6



#33
Benzene
Concen: 0.231 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 78 Resp: 14212





#34

Trichloroethene

Concen: 4.417 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029742.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

CWJY0

Tgt Ion: 95 Resp: 75909

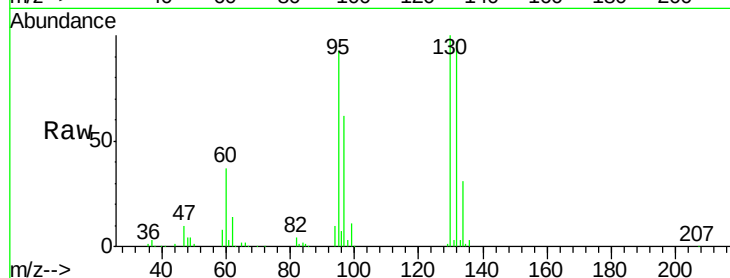
Ion Ratio Lower Upper

95 100

97 66.6 45.6 84.8

132 103.6 72.9 135.3

130 107.1 77.5 143.9

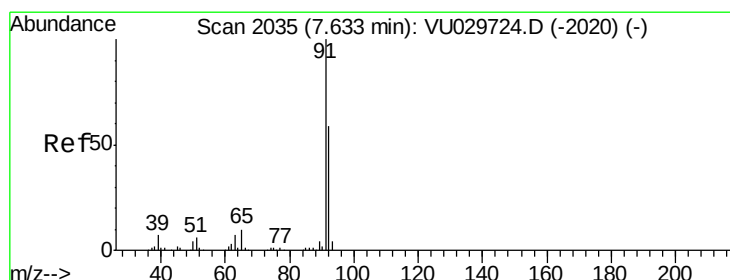
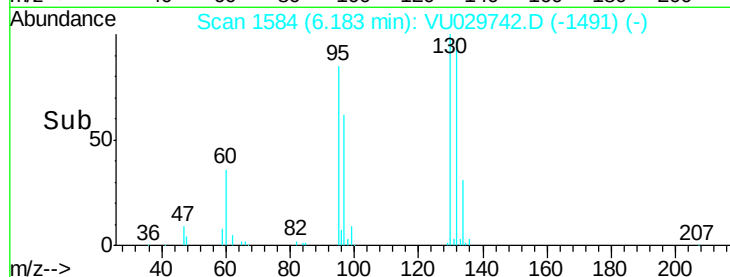
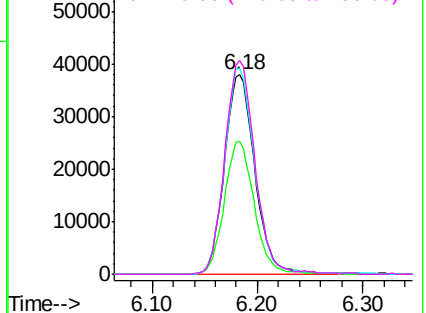


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.949 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029742.D

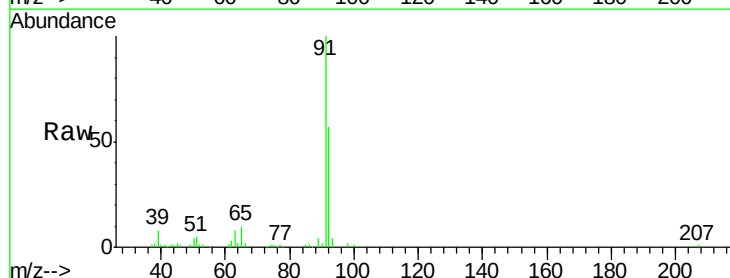
Acq: 28 Feb 2019 16:52

Tgt Ion: 91 Resp: 66260

Ion Ratio Lower Upper

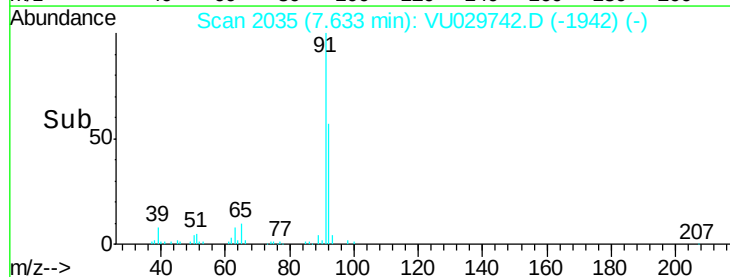
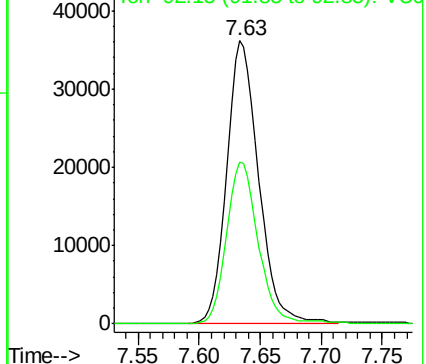
91 100

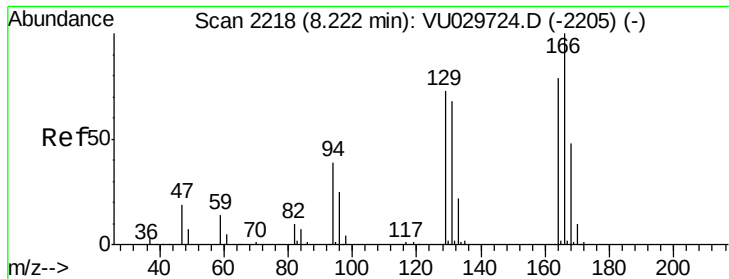
92 57.0 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

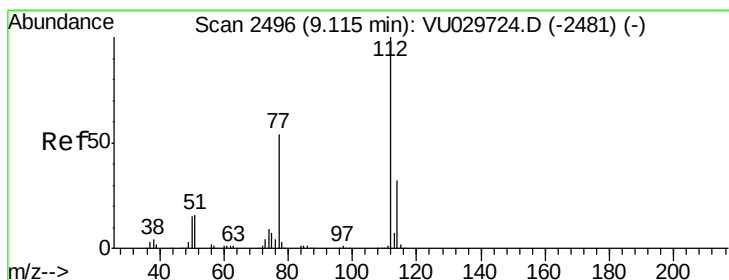
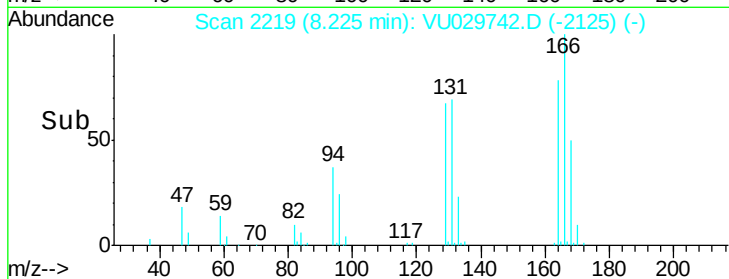
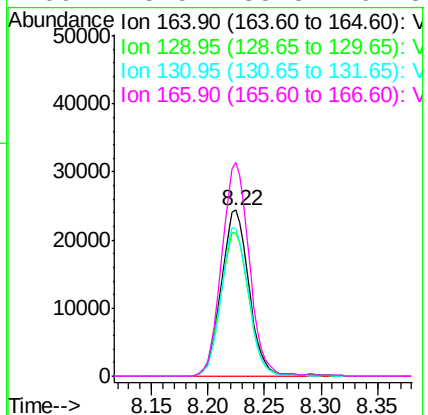
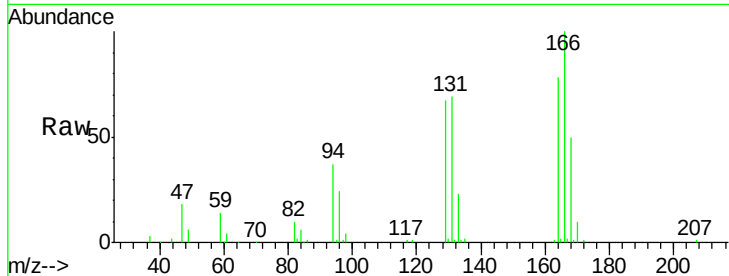




#47
Tetrachloroethene
Concen: 2.621 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

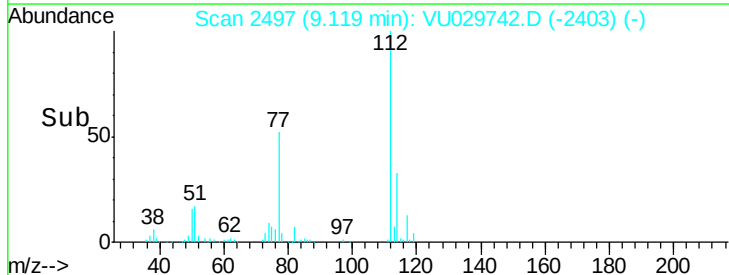
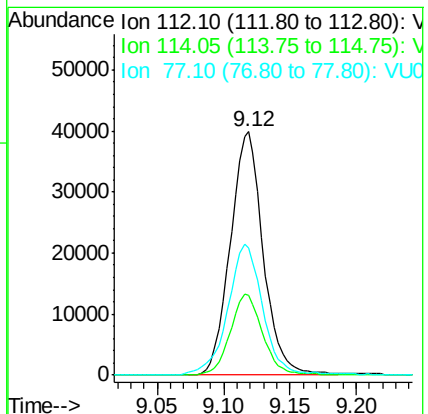
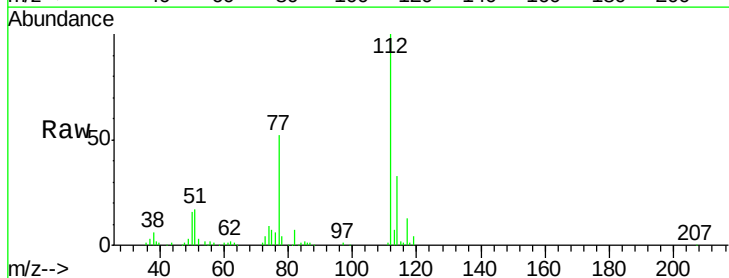
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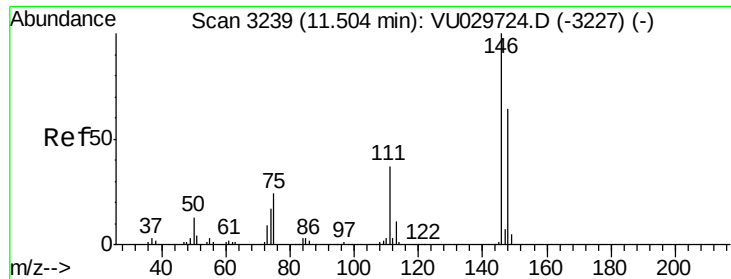
Tgt Ion:164 Resp: 41825
Ion Ratio Lower Upper
164 100
129 86.5 62.9 116.7
131 88.5 61.8 114.8
166 128.5 88.8 164.8



#51
Chlorobenzene
Concen: 1.432 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029742.D
Acq: 28 Feb 2019 16:52

Tgt Ion:112 Resp: 68717
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.3
77 52.1 42.7 64.1

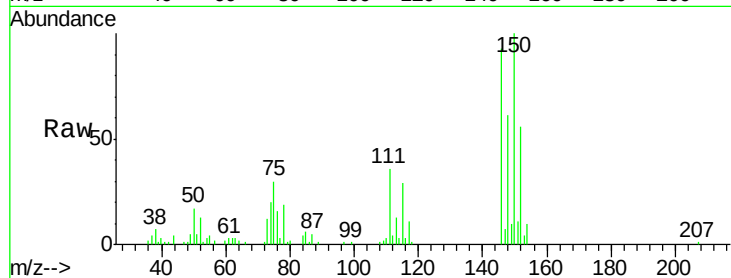




#63
 1,4-Dichlorobenzene
 Concen: 0.643 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU029742.D
 Acq: 28 Feb 2019 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:146 Resp: 24744
 Ion Ratio Lower Upper
 146 100
 111 38.7 25.4 47.2
 148 65.9 43.7 81.1



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

