

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025995.D
 Acq On : 09 Aug 2018 14:46
 Operator : MD/SY
 Sample : J4361-10 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:16:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	300338	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144329	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96796	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.18%
7) Chloroethane-d5	1.68	69	80749	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.78%
11) 1,1-Dichloroethene-d2	2.27	63	153128	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.42%
21) 2-Butanone-d5	4.18	46	177335	96.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.65	84	219187	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.31	65	151717	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.34	84	427389	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.33	67	139731	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.57	98	398693	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%
43) trans-1,3-Dichloropropene-	7.85	79	70839	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
47) 2-Hexanone-d5	8.31	63	124791	95.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.58%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	198414	47.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	175928	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%

Target Compounds

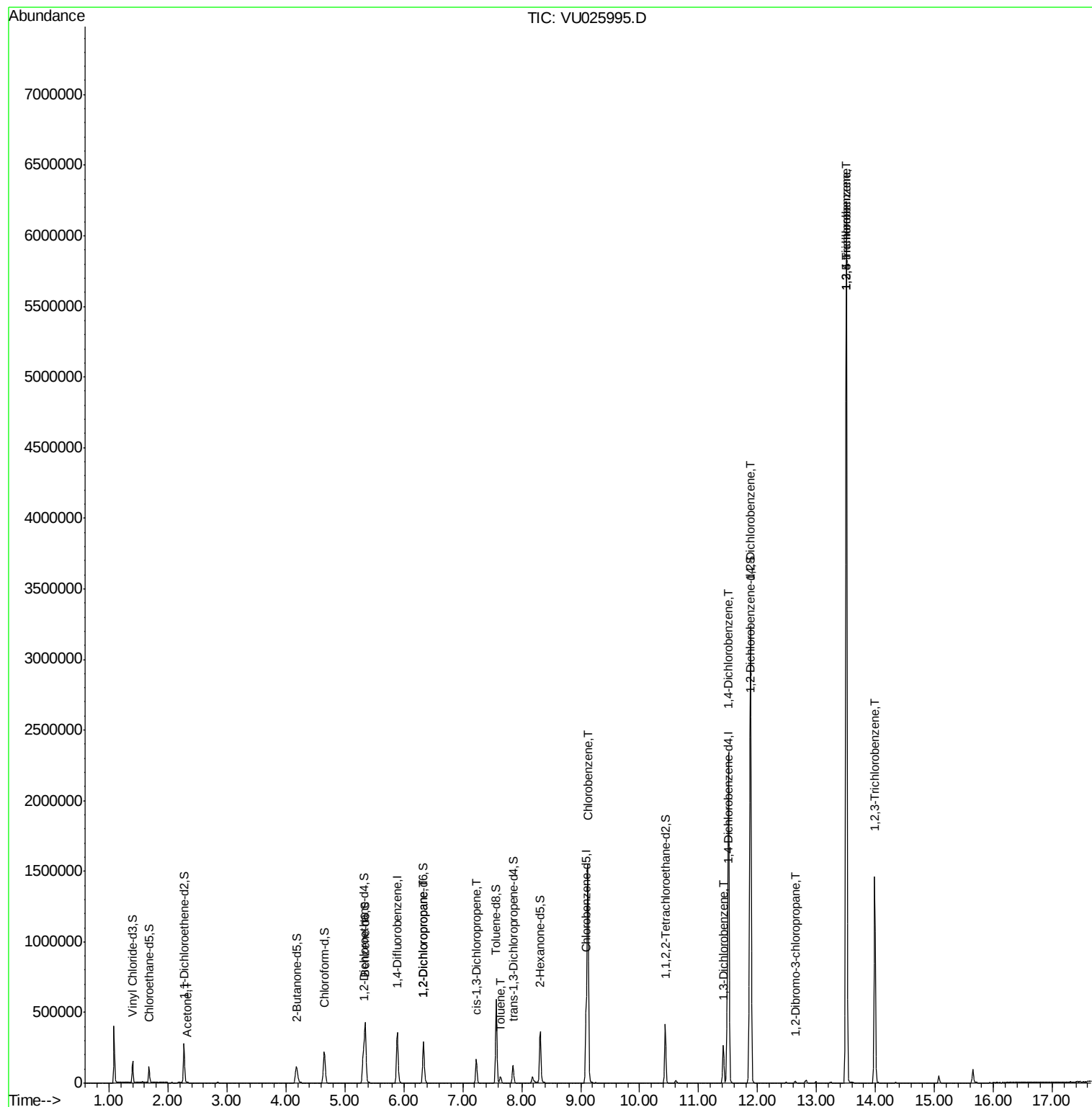
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	6925	6.093	ug/L	95
37) 1,2-Dichloropropane	6.33	63	16120	7.230	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4497	1.331	ug/L	86
42) Toluene	7.64	91	33601	3.885	ug/L	95
51) Chlorobenzene	9.12	112	816678	140.044	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	107639	23.956	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	904913	192.116	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1244001	260.104	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	2550	3.038	ug/L #	1
67) 1,3,5-Trichlorobenzene	13.51	180	1880817	560.070	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	1880817	662.300	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	451894	148.053	ug/L	99

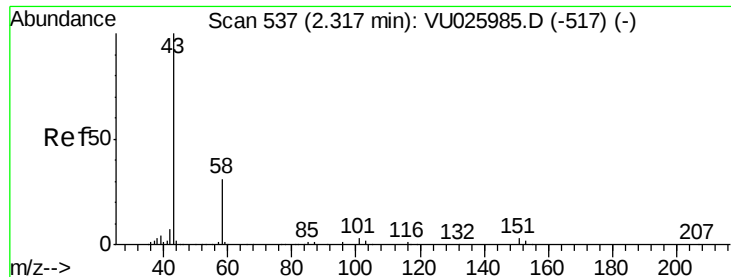
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.093 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025995.D

Acq: 09 Aug 2018 14:46

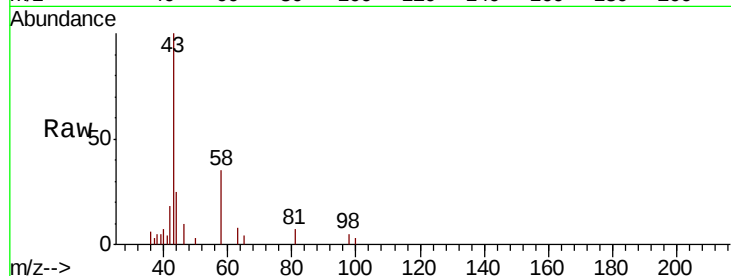
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6925

Ion Ratio Lower Upper

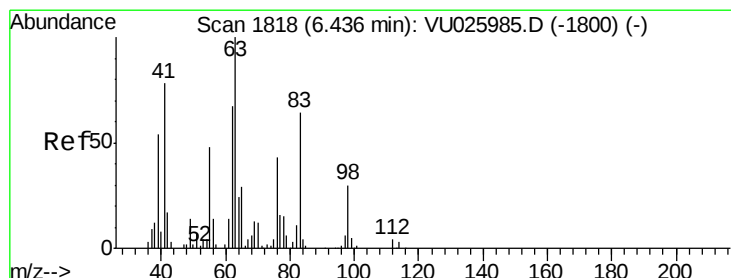
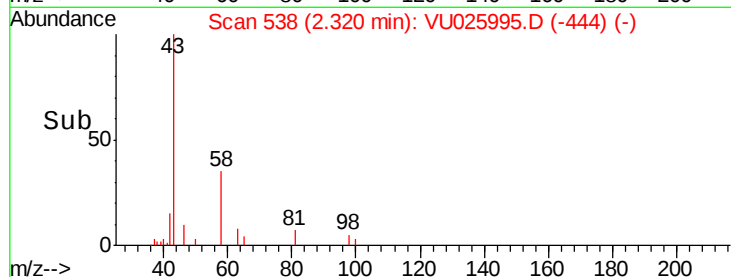
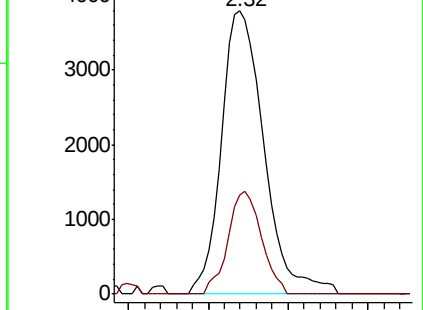
43 100

58 28.3 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU025985.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU025985.D (-517) (-)



#37

1,2-Dichloropropane

Concen: 7.230 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025995.D

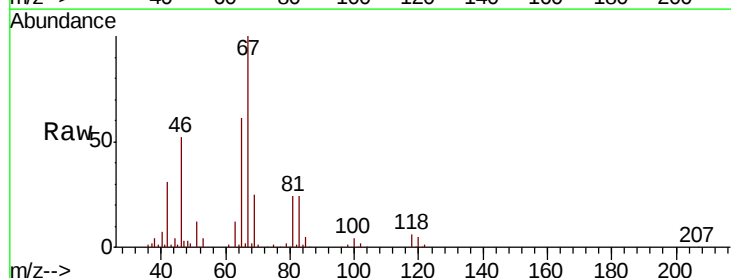
Acq: 09 Aug 2018 14:46

Tgt Ion: 63 Resp: 16120

Ion Ratio Lower Upper

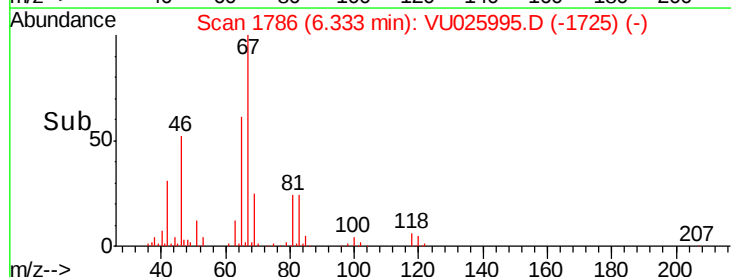
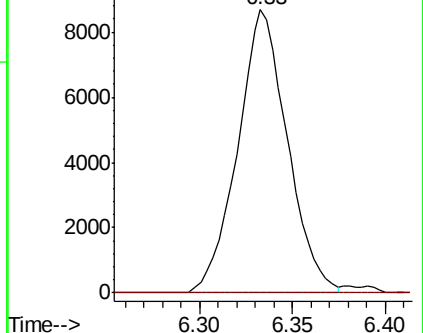
63 100

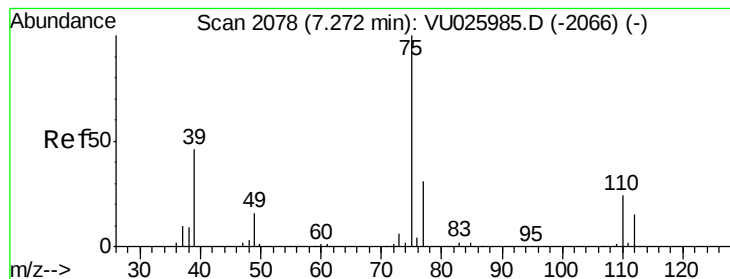
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU025985.D (-1800) (-)

Ion 112.00 (111.70 to 112.70): VU025985.D (-1800) (-)



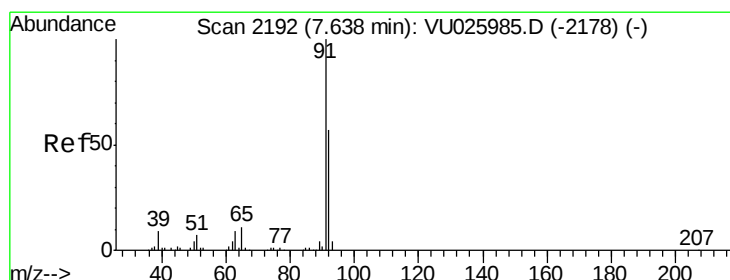
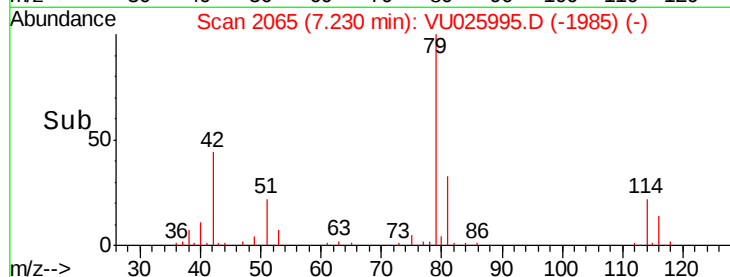
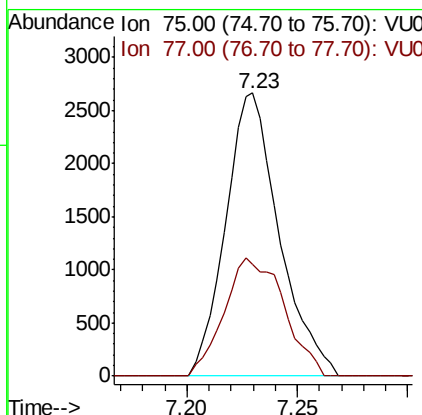
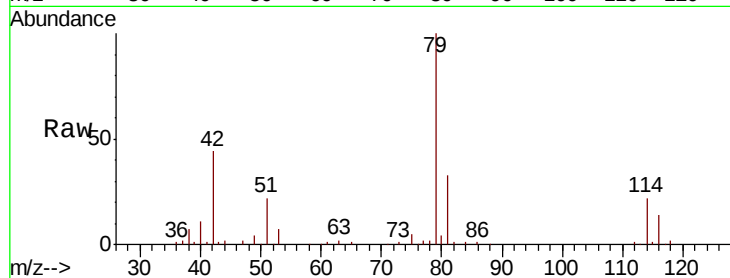


#39

cis-1,3-Dichloropropene
 Concen: 1.331 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

Instrument :
 MSVOA_U
 ClientSampleId :

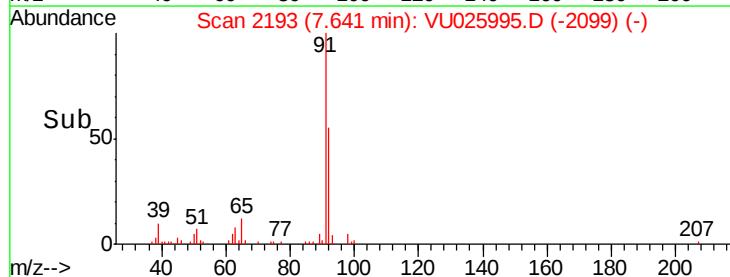
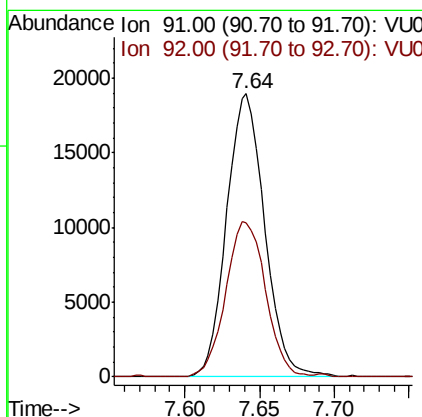
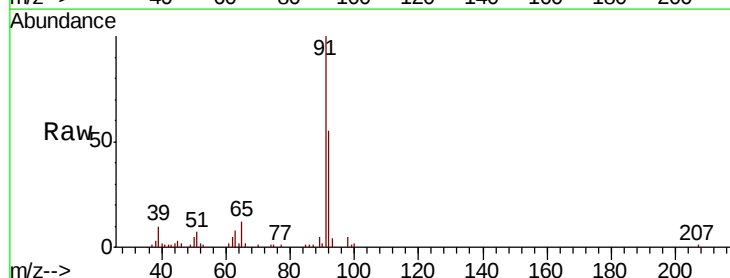
Tot Ion: 75 Resp: 4497
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.1 41.1

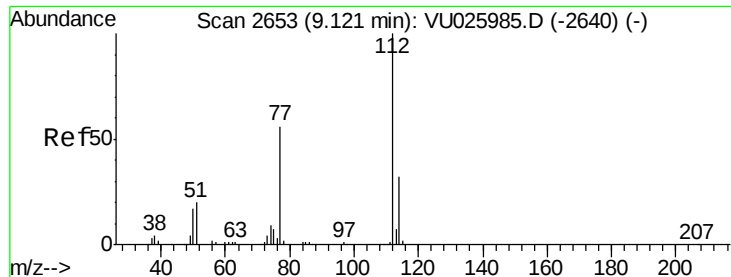


#42

Toluene
 Concen: 3.885 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

Tgt Ion: 91 Resp: 33601
 Ion Ratio Lower Upper
 91 100
 92 54.5 41.0 76.2

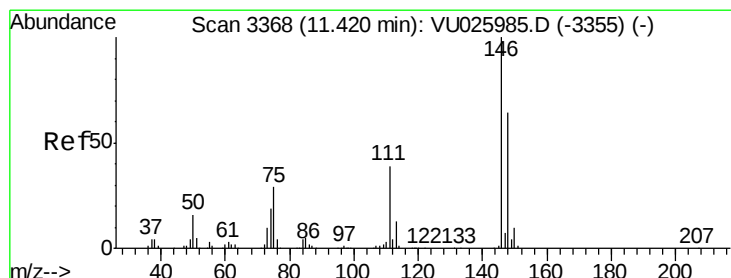
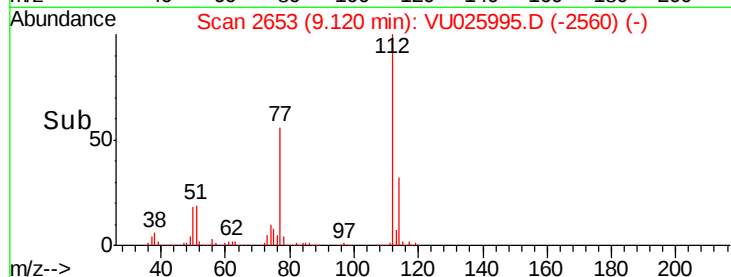
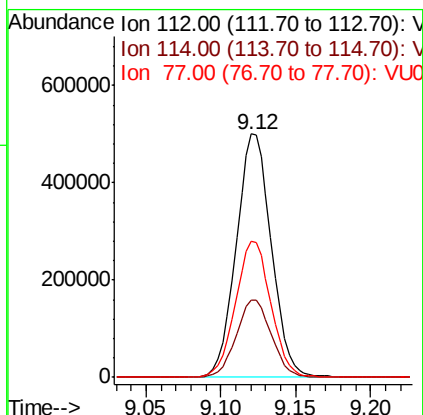
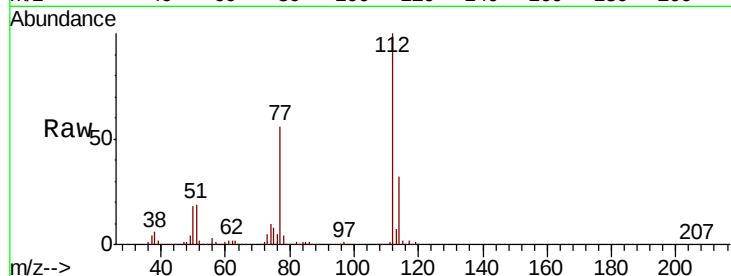




#51
Chlorobenzene
Concen: 140.044 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

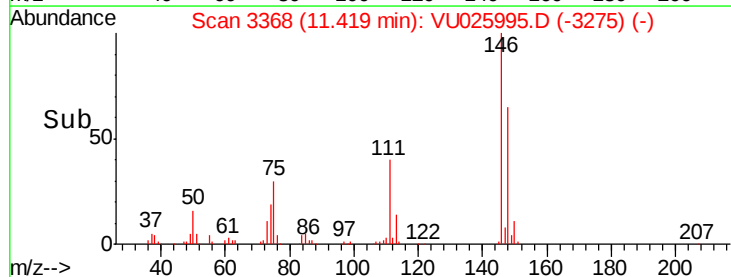
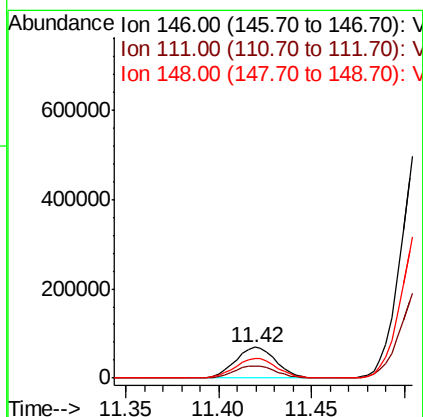
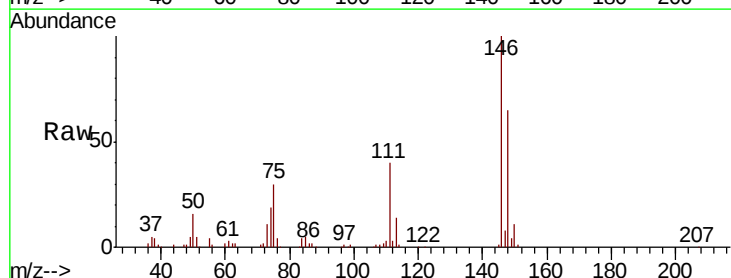
Instrument :
MSVOA_U
ClientSampleId :

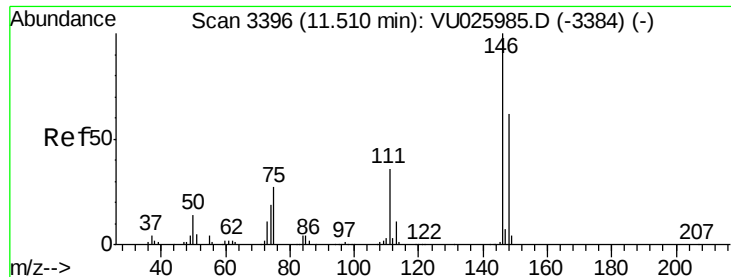
Tot Ion:112 Resp: 816678
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.3
77 56.1 45.2 67.8



#62
1,3-Dichlorobenzene
Concen: 23.956 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU025995.D
Acq: 09 Aug 2018 14:46

Tgt Ion:146 Resp: 107639
Ion Ratio Lower Upper
146 100
111 40.2 27.9 51.9
148 64.7 46.0 85.4

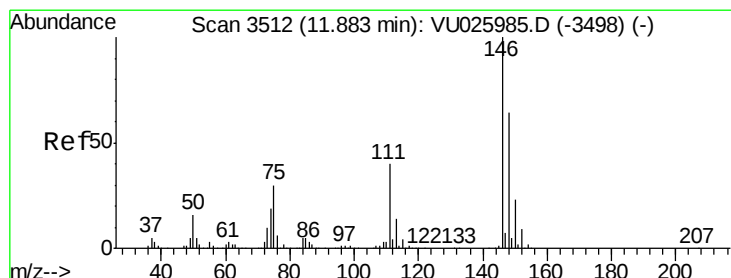
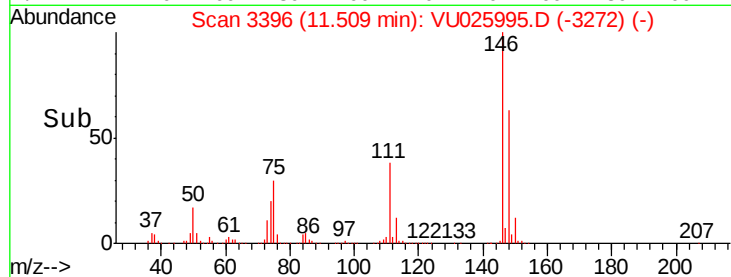
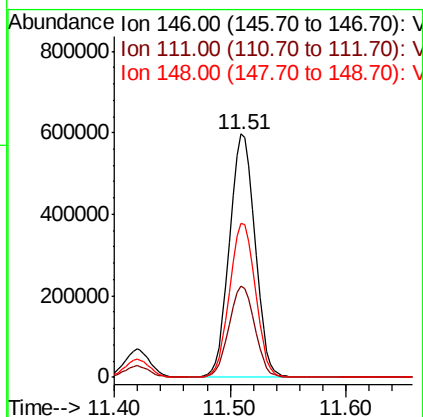
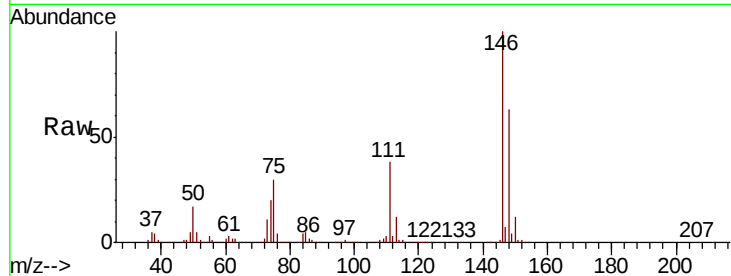




#63
 1,4-Dichlorobenzene
 Concen: 192.116 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

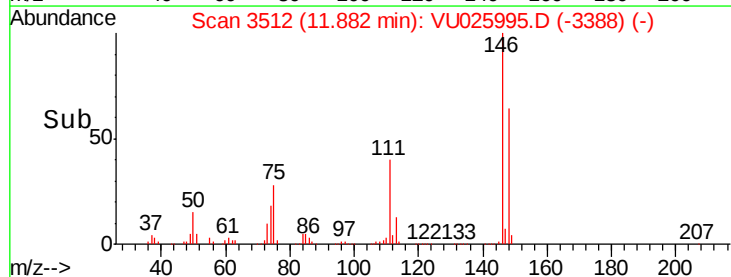
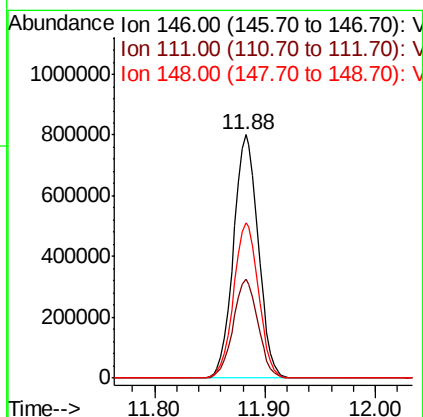
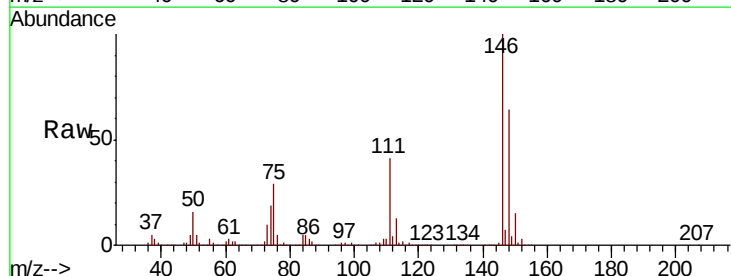
Instrument :
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 ClientSampleId :

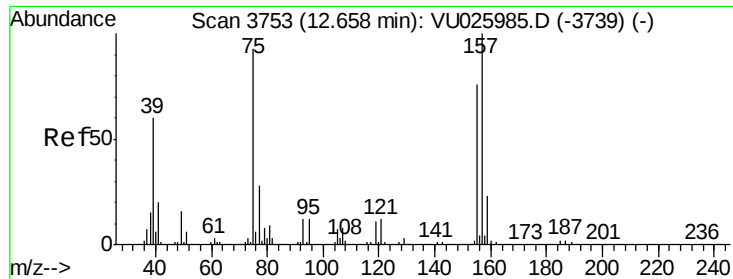
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.4	49.0
148	63.5	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 260.104 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.4	48.6
148	64.0	50.1	75.1

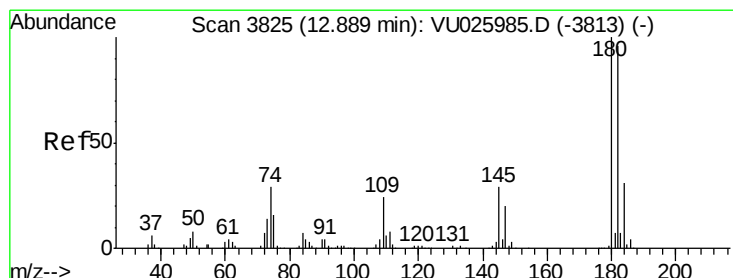
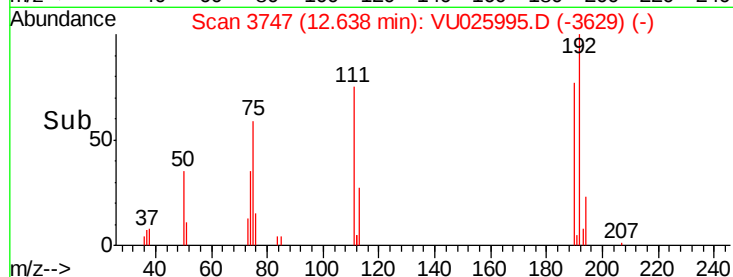
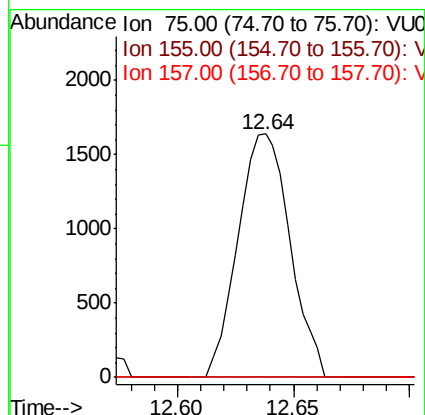
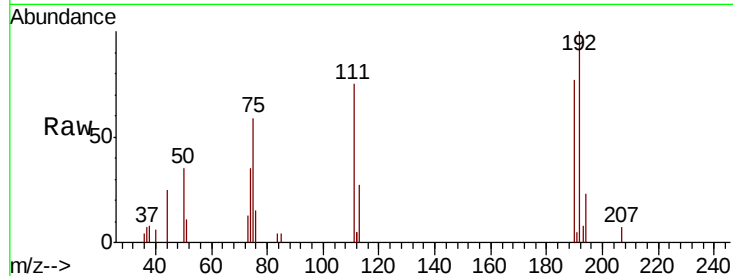




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.038 ug/L
 RT: 12.64 min Scan# 3747
 Delta R.T. -0.02 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

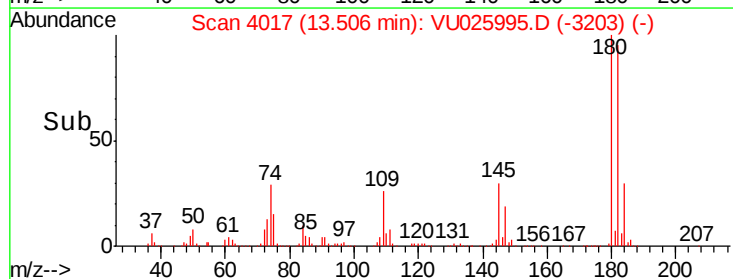
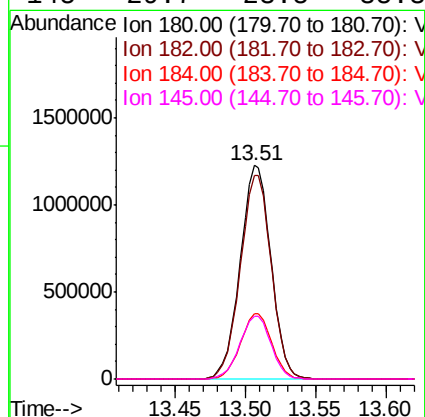
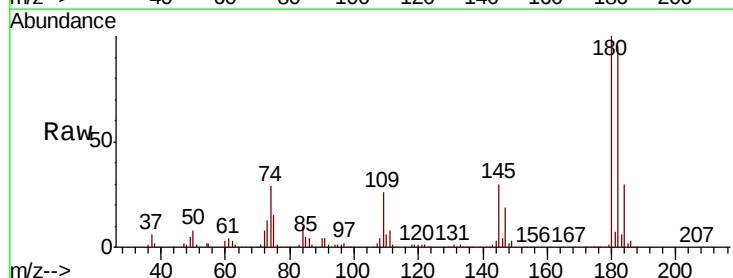
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 ClientSampleId :

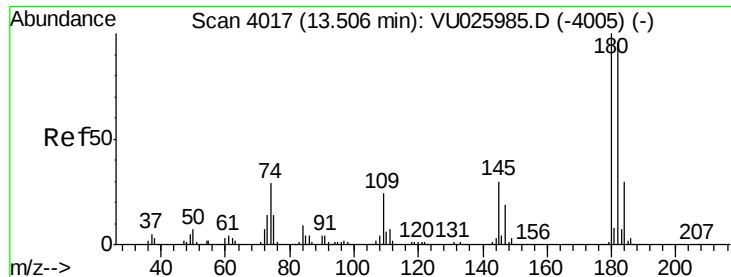
Tot Ion: 75 Resp: 2550
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.8 107.8#
 157 0.0 93.0 139.6#



#67
 1,3,5-Trichlorobenzene
 Concen: 560.070 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

Tgt Ion: 180 Resp: 1880817
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.5 114.7
 184 30.8 24.3 36.5
 145 29.7 23.5 35.3

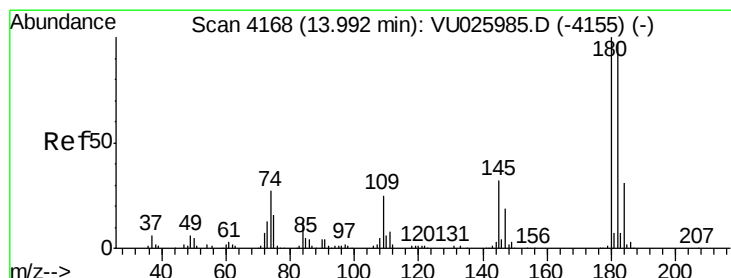
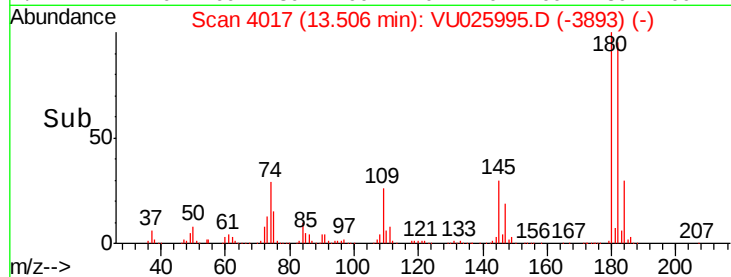
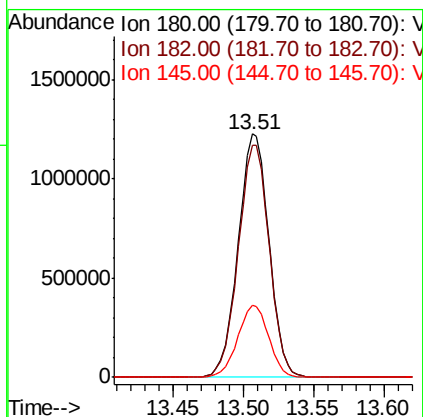
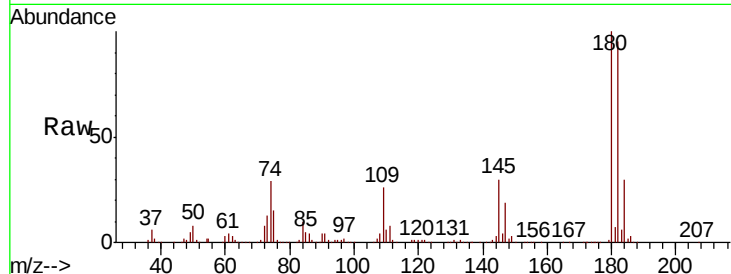




#68
 1,2,4-trichlorobenzene
 Concen: 662.300 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 1880817
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.5 114.7
 145 29.7 24.2 36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 148.053 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU025995.D
 Acq: 09 Aug 2018 14:46

Tgt Ion:180 Resp: 451894
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.5 114.7
 145 31.3 24.7 37.1

