

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026029.D
 Acq On : 10 Aug 2018 04:56
 Operator : MD/SY
 Sample : J4401-17 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 08:31:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287542	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132746	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72045	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.56%
7) Chloroethane-d5	1.68	69	66353	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.64%
11) 1,1-Dichloroethene-d2	2.27	63	113824	28.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.00%#
21) 2-Butanone-d5	4.18	46	146113	83.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.41%
24) Chloroform-d	4.65	84	186036	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	5.31	65	129052	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.35	84	349324	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
36) 1,2-Dichloropropane-d6	6.33	67	118052	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.36%
41) Toluene-d8	7.57	98	318653	39.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.84%#
43) trans-1,3-Dichloropropene-	7.85	79	52333	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
47) 2-Hexanone-d5	8.31	63	102235	82.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.34%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168172	42.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	141303	43.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.36%

Target Compounds

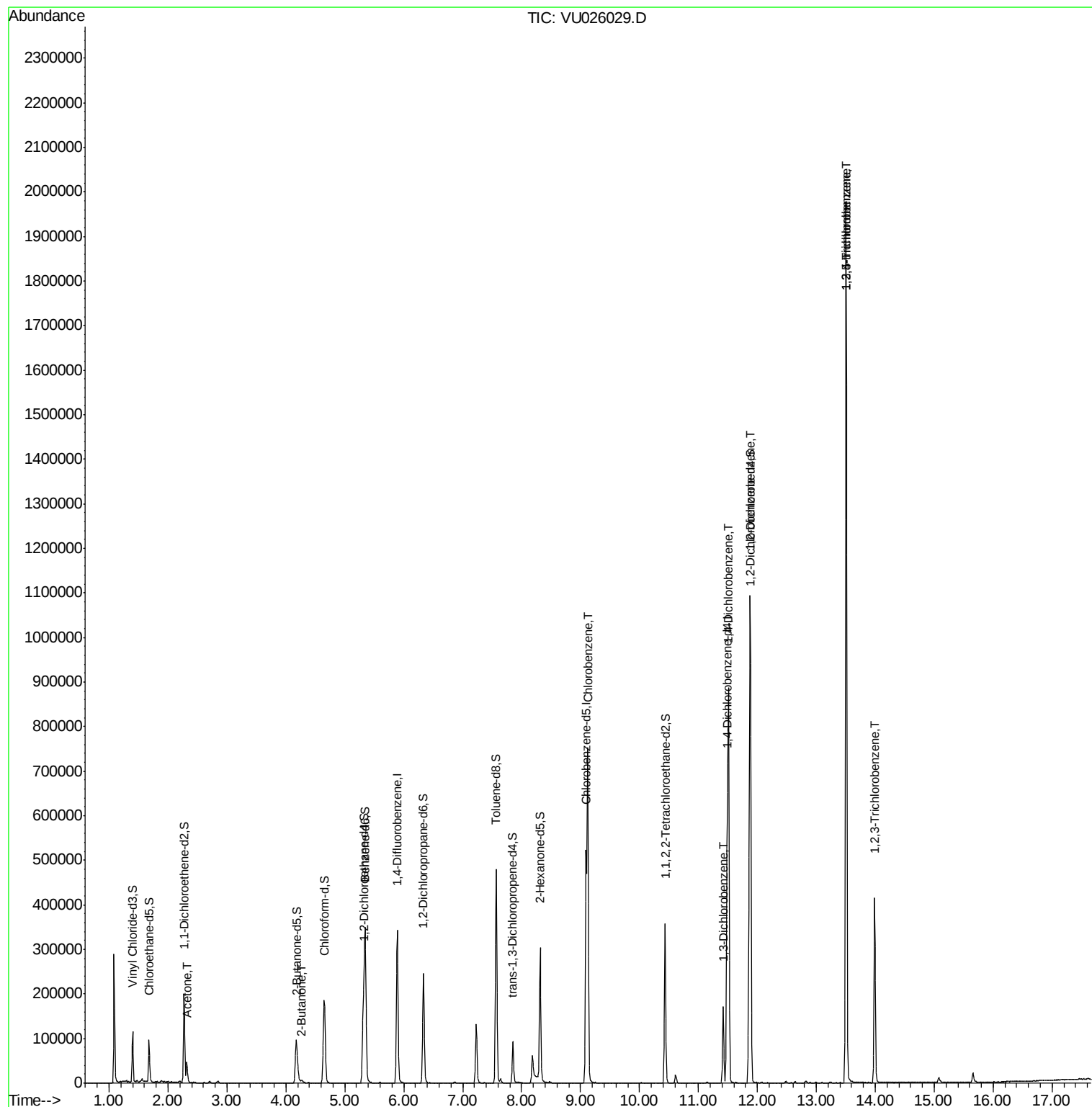
					Ovalue
13) Acetone	2.32	43	44312	40.720	ug/L 99
22) 2-Butanone	4.27	43	6143	3.901	ug/L 100
51) Chlorobenzene	9.12	112	395100	71.239	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	70907	17.158	ug/L 95
63) 1,4-Dichlorobenzene	11.51	146	340278	78.546	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	392269	89.175	ug/L 99
67) 1,3,5-Trichlorobenzene	13.51	180	592658	191.881	ug/L 99
68) 1,2,4-Trichlorobenzene	13.51	180	592658	226.905	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	131318	46.778	ug/L 99

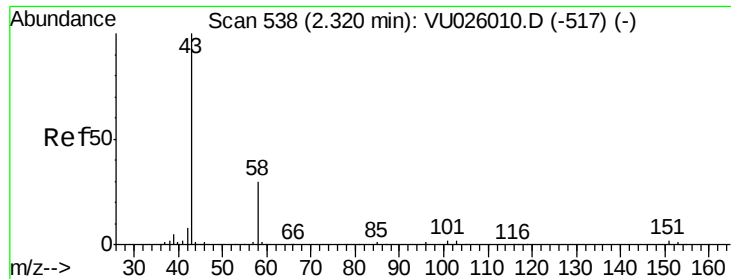
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 40.720 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026029.D

Acq: 10 Aug 2018 04:56

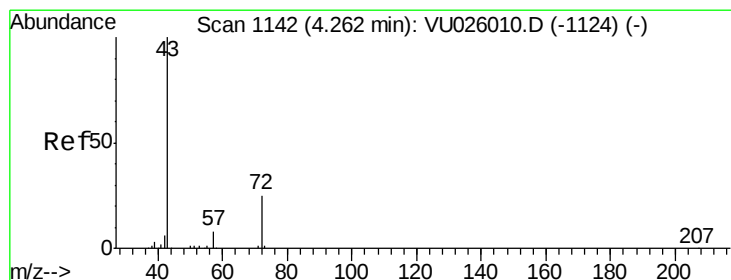
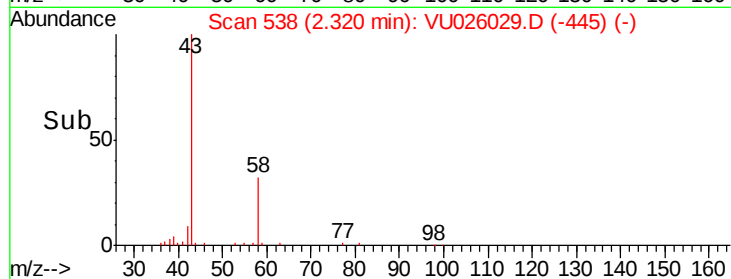
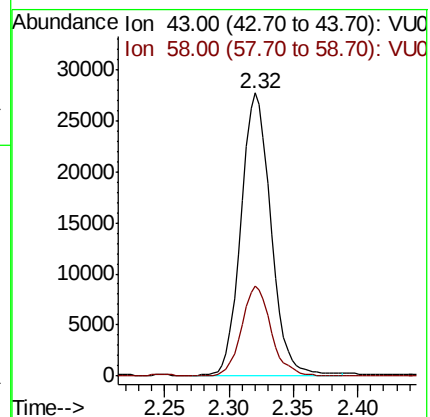
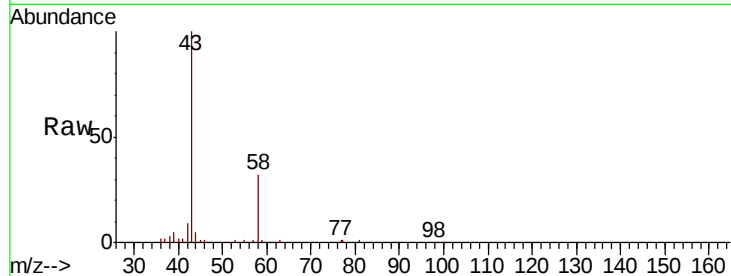
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 44312

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.8



#22

2-Butanone

Concen: 3.901 ug/L

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU026029.D

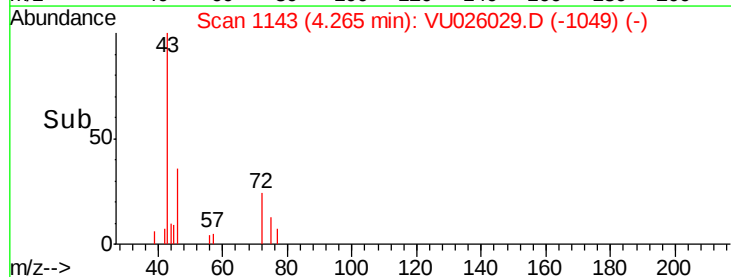
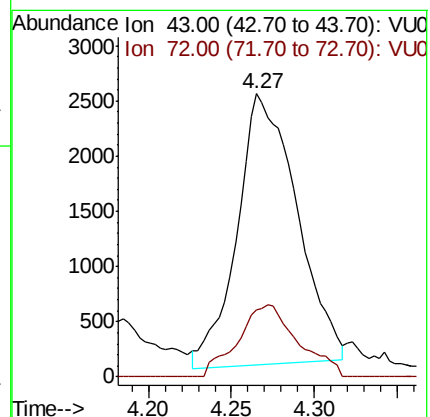
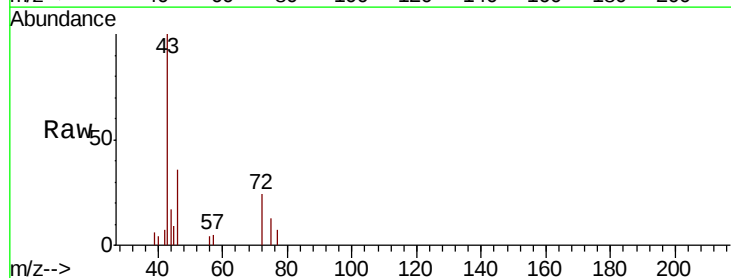
Acq: 10 Aug 2018 04:56

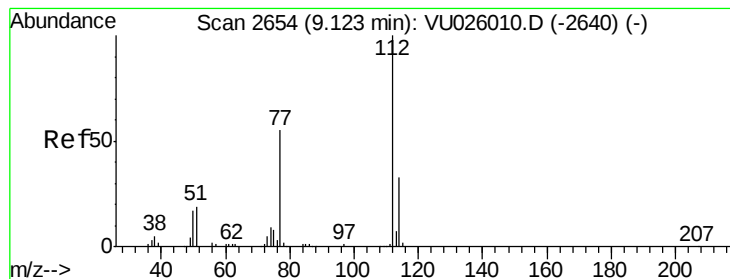
Tgt Ion: 43 Resp: 6143

Ion Ratio Lower Upper

43 100

72 26.7 13.5 40.5





#51

Chlorobenzene

Concen: 71.239 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026029.D

Acq: 10 Aug 2018 04:56

Instrument :

MSVOA_U

ClientSampleId :

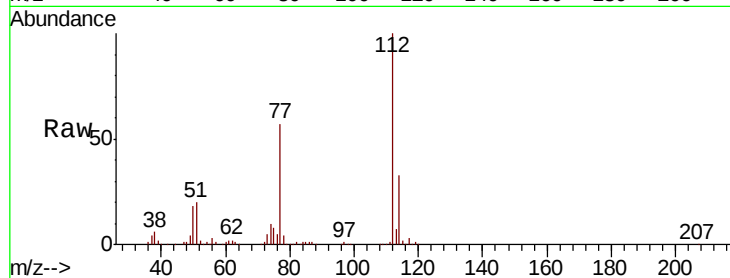
Tot Ion:112 Resp: 395100

Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

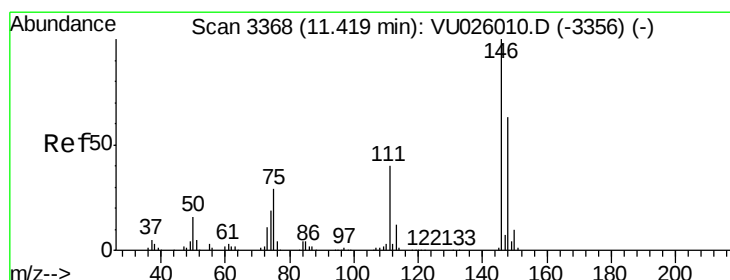
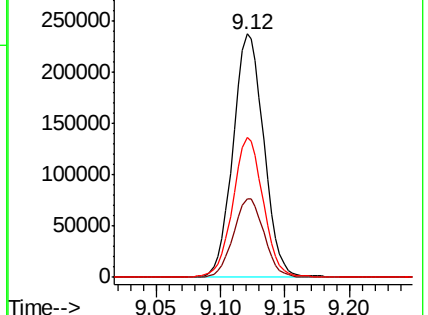
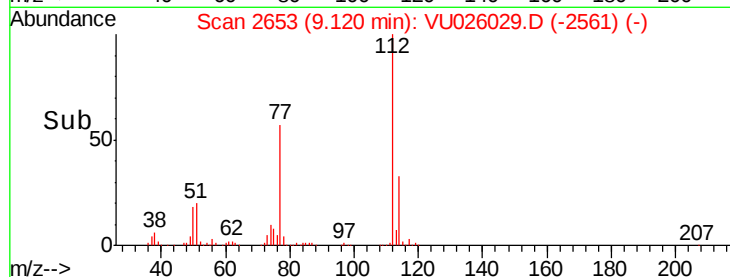
77 57.4 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 17.158 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026029.D

Acq: 10 Aug 2018 04:56

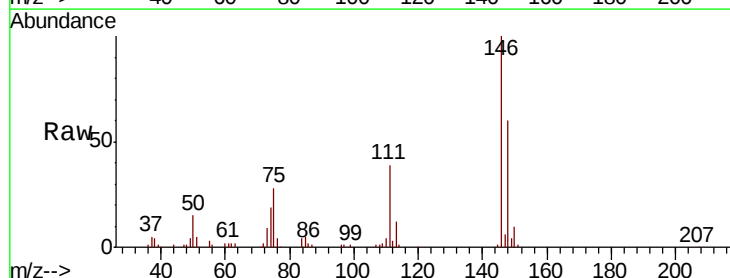
Tgt Ion:146 Resp: 70907

Ion Ratio Lower Upper

146 100

111 38.7 27.9 51.9

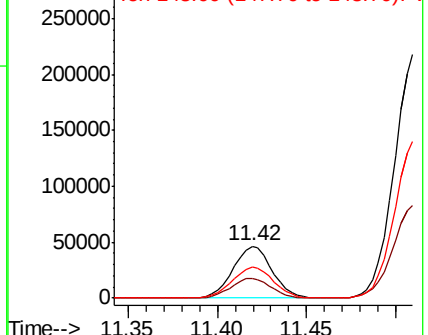
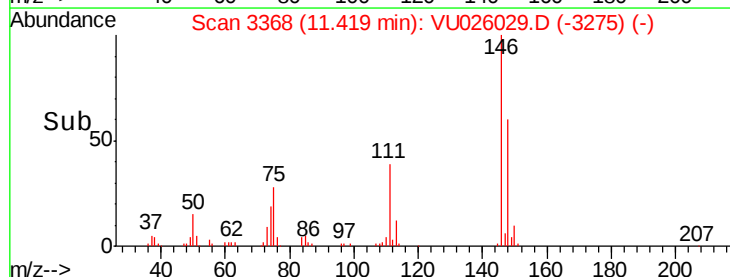
148 59.9 46.0 85.4

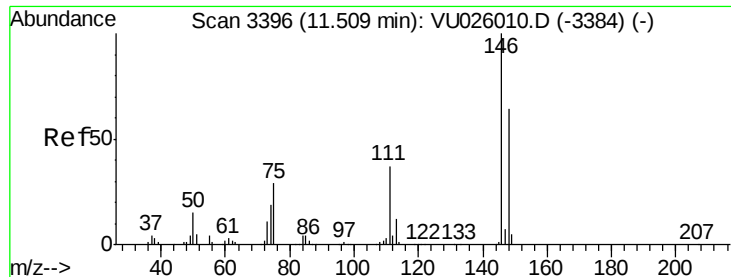


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

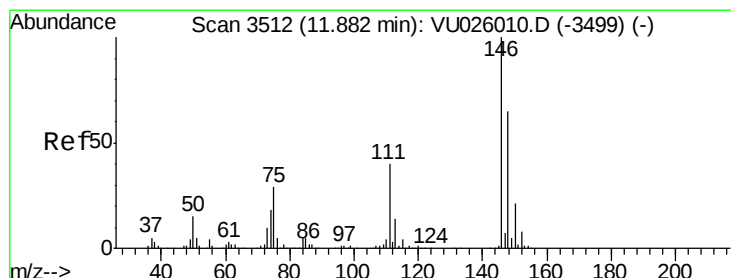
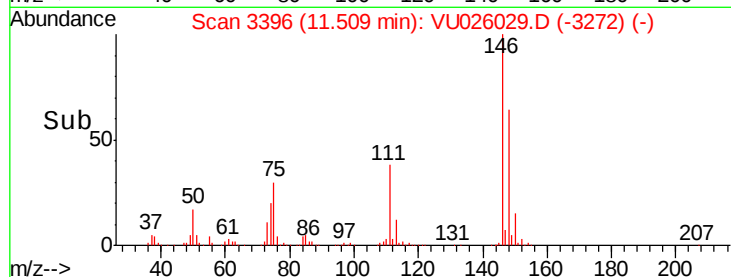
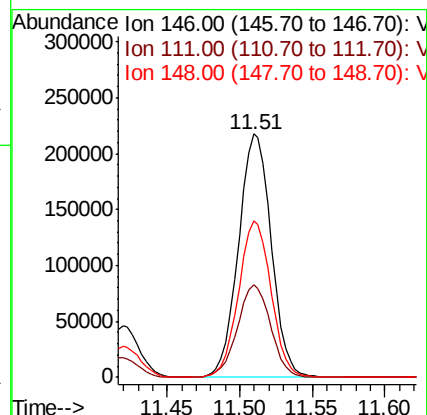
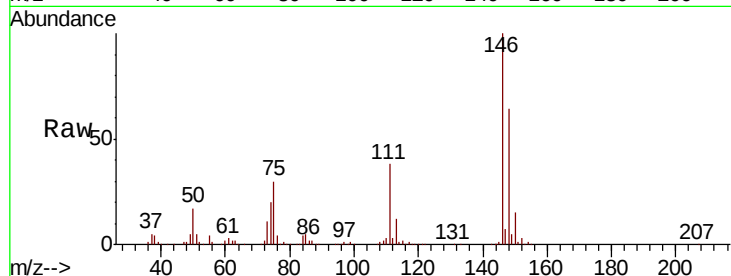




#63
1,4-Dichlorobenzene
Concen: 78.546 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU026029.D
Acq: 10 Aug 2018 04:56

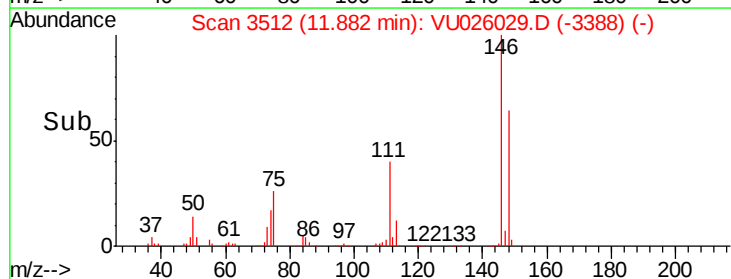
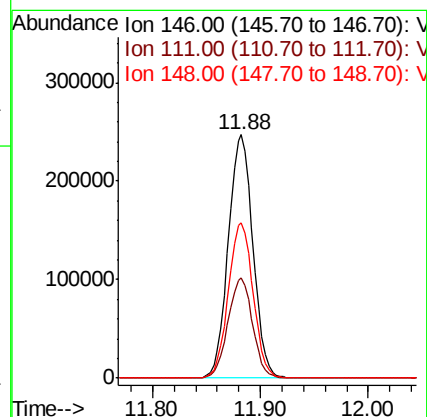
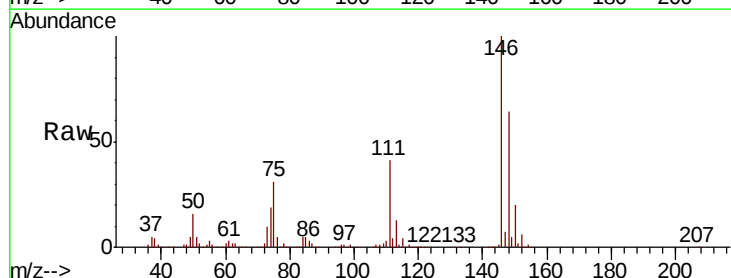
Instrument :
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ClientSampleId :

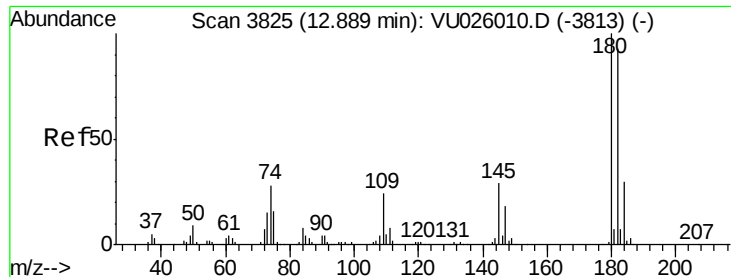
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.4	49.0
148	64.4	43.8	81.4



#65
1,2-Dichlorobenzene
Concen: 89.175 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU026029.D
Acq: 10 Aug 2018 04:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.4	48.6
148	63.8	50.1	75.1

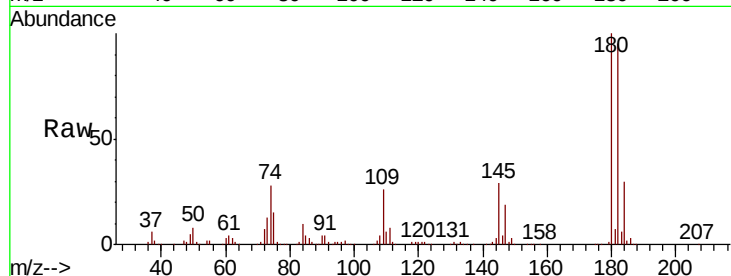




#67
 1,3,5-Trichlorobenzene
 Concen: 191.881 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU026029.D
 Acq: 10 Aug 2018 04:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.5	114.7
184	30.5	24.3	36.5
145	29.6	23.5	35.3



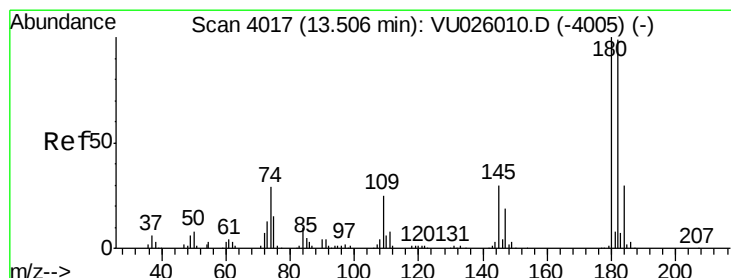
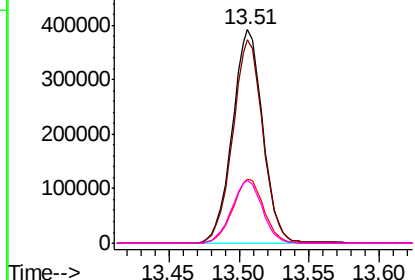
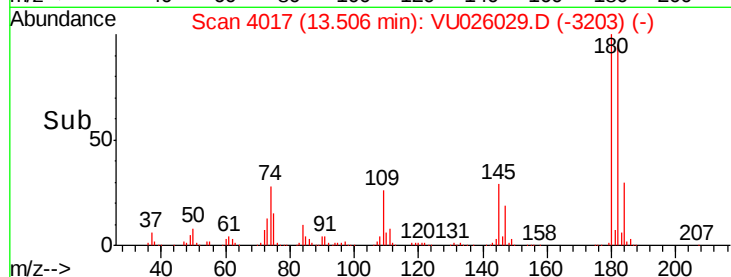
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

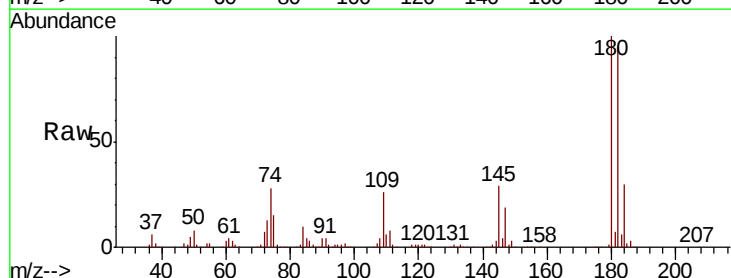
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 226.905 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026029.D
 Acq: 10 Aug 2018 04:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.5	114.7
145	29.6	24.2	36.4

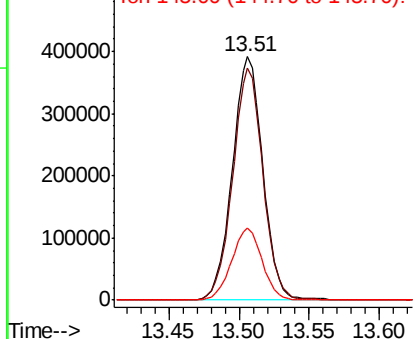
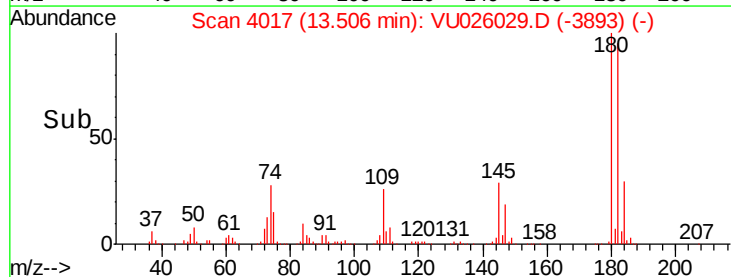


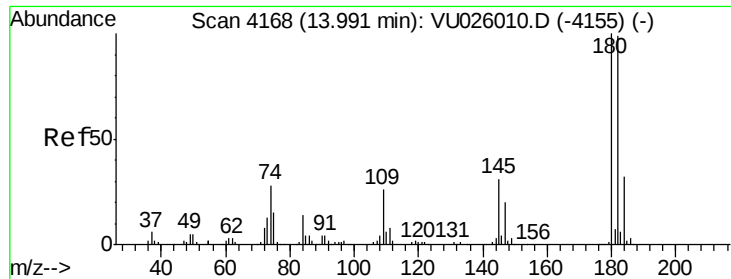
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 46.778 ug/L
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU026029.D
 Acq: 10 Aug 2018 04:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	180	Resp	131318
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.5	114.7
145	31.4	24.7	37.1

