

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037404.D
 Acq On : 28 Mar 2020 05:44
 Operator : JC/MD
 Sample : L2005-05 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 07:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 06:44:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	229787	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	217509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71729	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.32%
7) Chloroethane-d5	1.93	69	59357	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.56%
11) 1,1-Dichloroethene-d2	2.59	63	113568	35.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.90%
21) 2-Butanone-d5	4.67	46	136731	103.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.21%
24) Chloroform-d	5.10	84	145914	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.74	65	102123	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.76	84	296615	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
36) 1,2-Dichloropropane-d6	6.72	67	98377	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.92	98	280855	49.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.78%
43) trans-1,3-Dichloropropene-	8.20	79	53322	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.66	63	104120	93.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	140569	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	12.21	152	107419	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

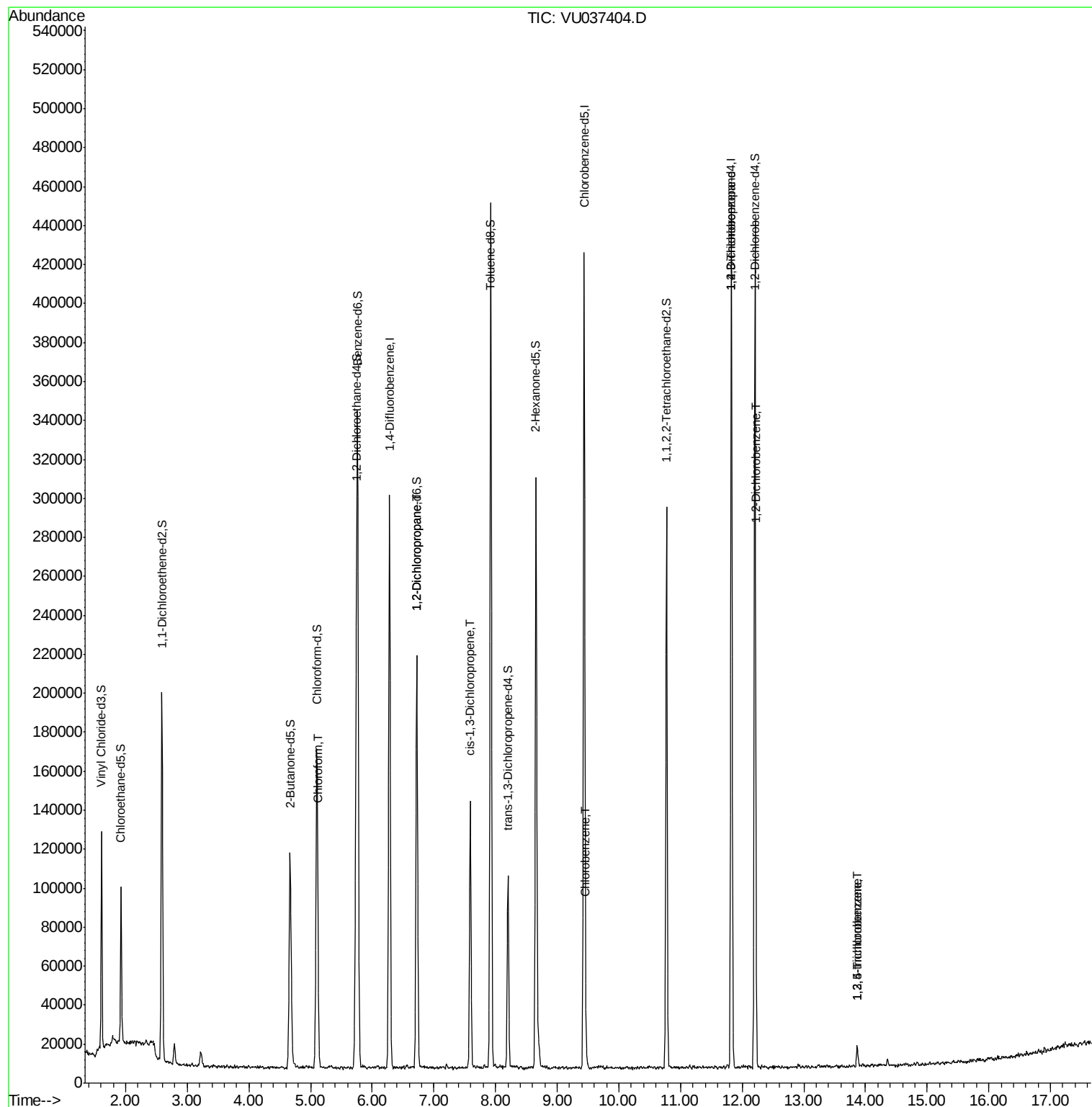
					Ovalue
25) Chloroform	5.12	83	4621	1.310 ug/L #	73
37) 1,2-Dichloropropane	6.72	63	11101	5.449 ug/L #	91
39) cis-1,3-Dichloropropene	7.59	75	3716	1.083 ug/L #	53
51) Chlorobenzene	9.47	112	7652	1.445 ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	14764	5.269 ug/L	94
65) 1,2-Dichlorobenzene	12.23	146	5853	1.407 ug/L	94
67) 1,3,5-Trichlorobenzene	13.87	180	3328	1.018 ug/L	92
68) 1,2,4-trichlorobenzene	13.87	180	3328	1.036 ug/L	91

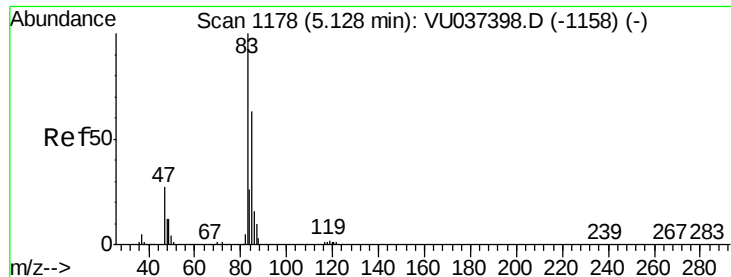
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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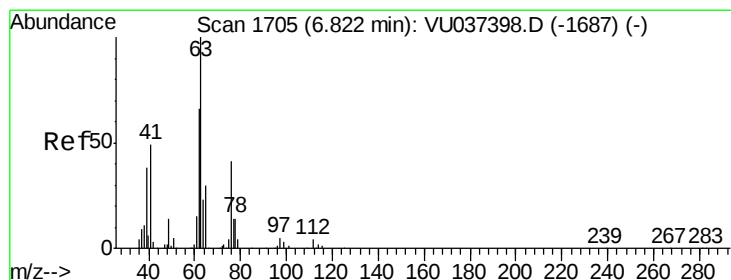
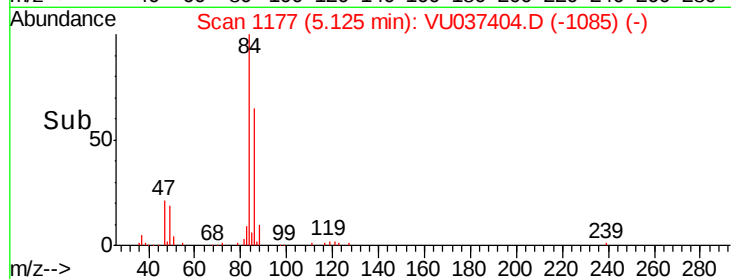
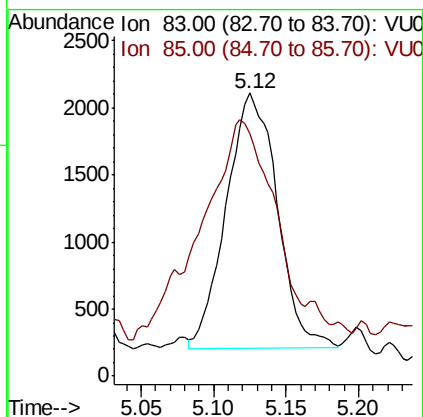
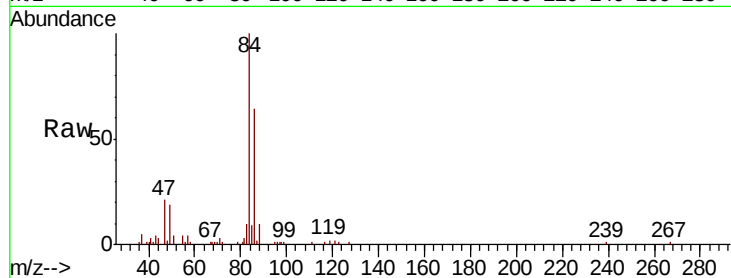




#25
Chloroform
Concen: 1.310 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037404.D
Acq: 28 Mar 2020 05:44

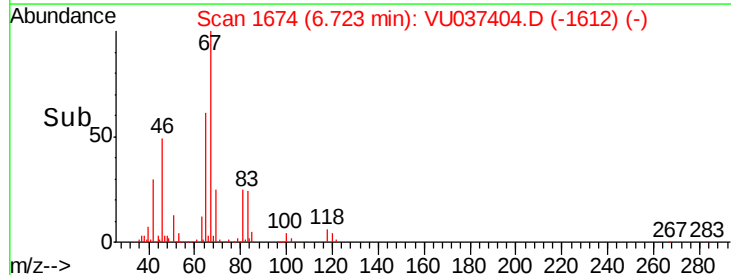
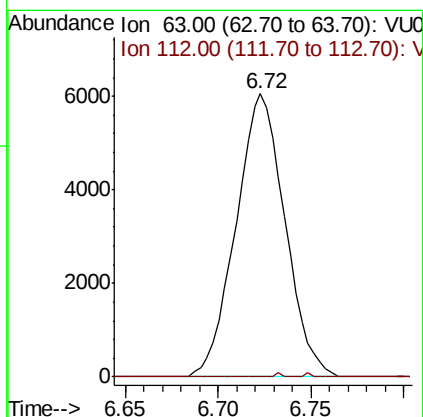
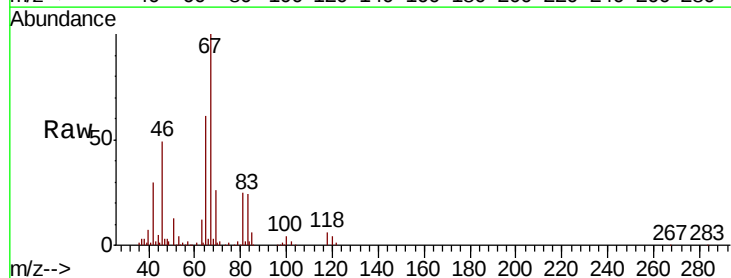
Instrument :
MSVOA_U
ClientSampleId :

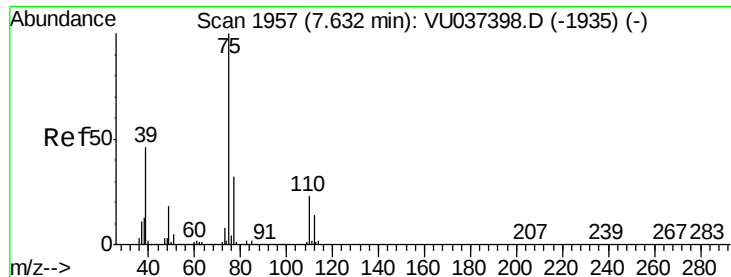
Tot Ion: 83 Resp: 4621
Ion Ratio Lower Upper
83 100
85 85.8 45.1 83.7#



#37
1,2-Dichloropropane
Concen: 5.449 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037404.D
Acq: 28 Mar 2020 05:44

Tgt Ion: 63 Resp: 11101
Ion Ratio Lower Upper
63 100
112 1.1 3.4 5.0#



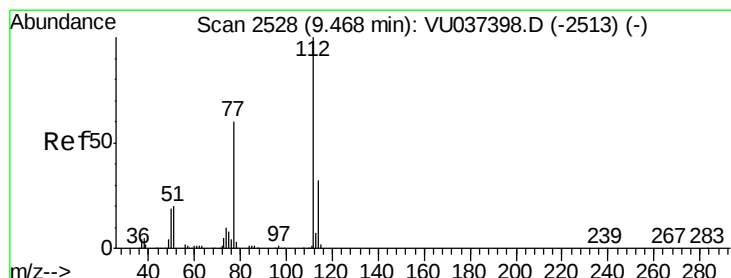
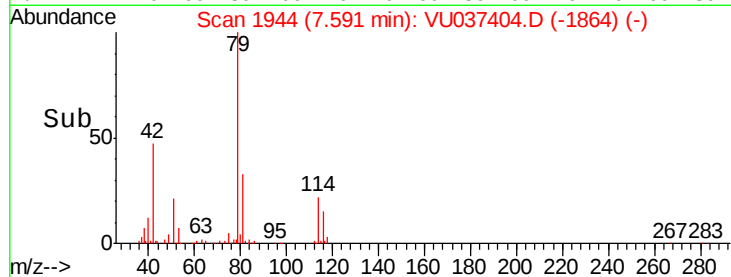
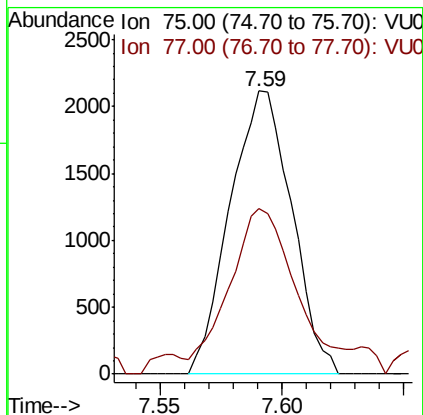
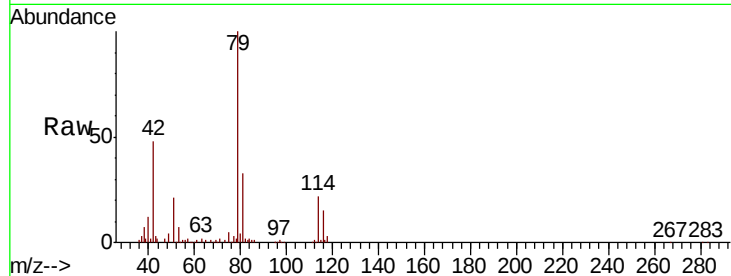


#39

cis-1,3-Dichloropropene
Concen: 1.083 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037404.D
Acq: 28 Mar 2020 05:44

Instrument :
MSVOA_U
ClientSampled :

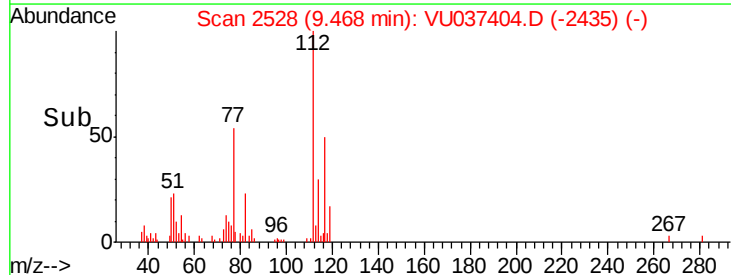
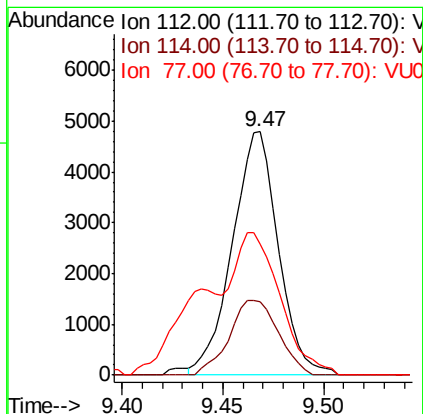
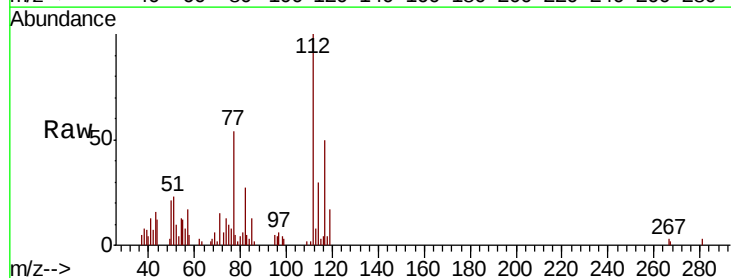
Tot Ion: 75 Resp: 3716
Ion Ratio Lower Upper
75 100
77 58.5 22.5 41.9#

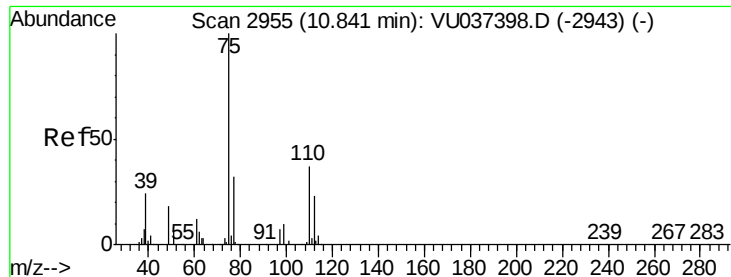


#51

Chlorobenzene
Concen: 1.445 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU037404.D
Acq: 28 Mar 2020 05:44

Tgt Ion: 112 Resp: 7652
Ion Ratio Lower Upper
112 100
114 30.0 22.3 41.5
77 54.0 48.6 72.8

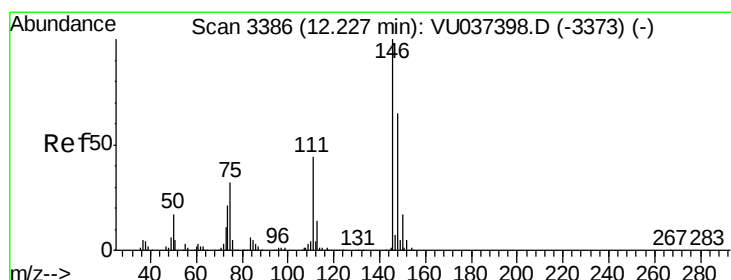
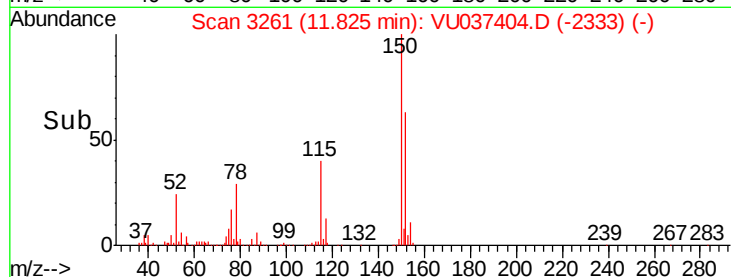
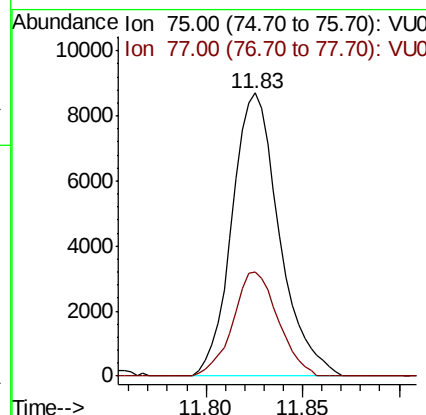
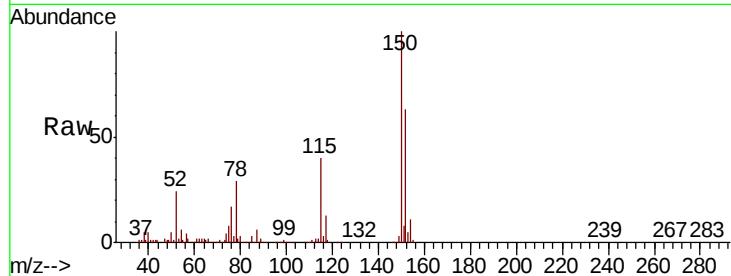




#59
 1,2,3-Trichloropropane
 Concen: 5.269 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037404.D
 Acq: 28 Mar 2020 05:44

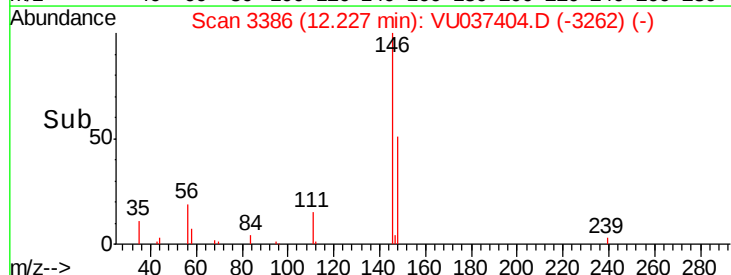
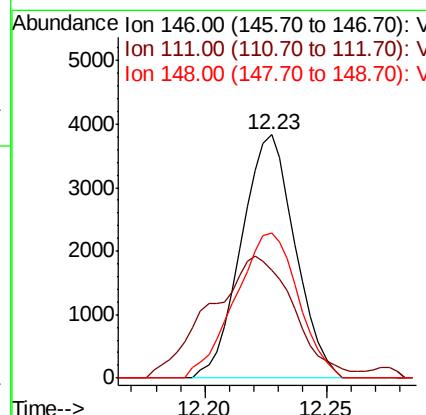
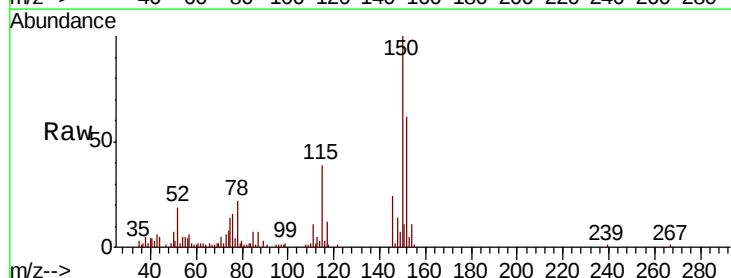
Instrument :
 MSVOA_U
 ClientSampleId :

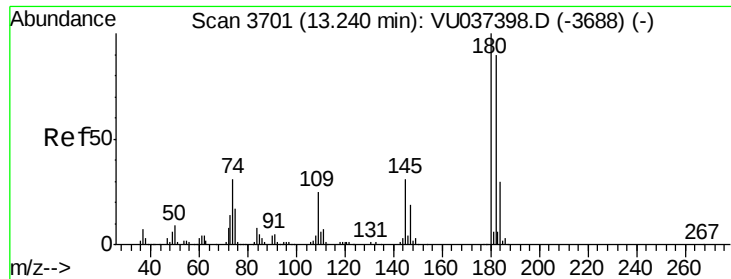
Tot Ion: 75 Resp: 14764
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.6 38.4



#65
 1,2-Dichlorobenzene
 Concen: 1.407 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037404.D
 Acq: 28 Mar 2020 05:44

Tgt Ion: 146 Resp: 5853
 Ion Ratio Lower Upper
 146 100
 111 44.2 33.6 50.4
 148 59.5 51.9 77.9

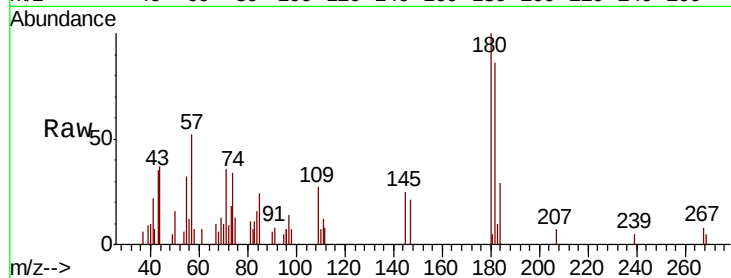




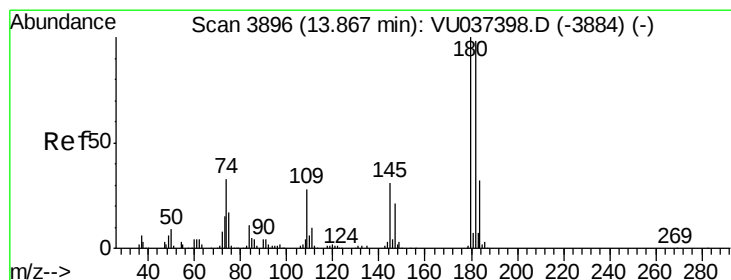
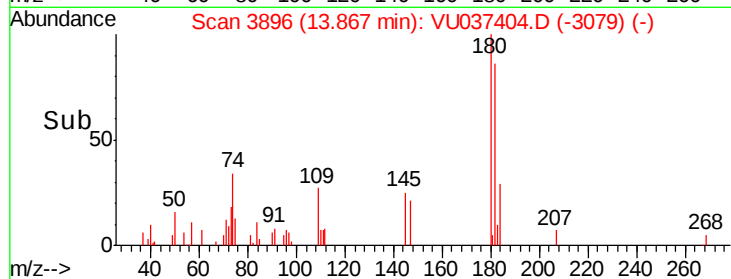
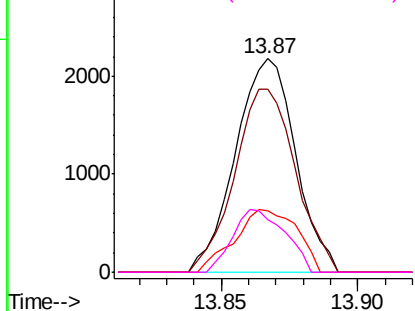
#67
 1,3,5-Trichlorobenzene
 Concen: 1.018 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.63 min
 Lab File: VU037404.D
 Acq: 28 Mar 2020 05:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 3328
 Ion Ratio Lower Upper
 180 100
 182 87.0 77.3 115.9
 184 30.4 24.6 37.0
 145 25.6 23.6 35.4

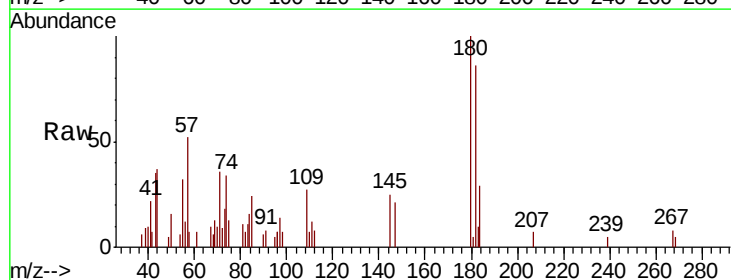


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.036 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU037404.D
 Acq: 28 Mar 2020 05:44

Tgt Ion:180 Resp: 3328
 Ion Ratio Lower Upper
 180 100
 182 87.0 76.4 114.6
 145 25.6 24.6 36.8



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

