

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026120.D
 Acq On : 14 Aug 2018 23:34
 Operator : MD/SY
 Sample : J4402-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH7

Quant Time: Aug 16 01:52:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:50:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	251907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	238880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	101219	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61495	33.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.80%
7) Chloroethane-d5	1.68	69	55779	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.42%
11) 1,1-Dichloroethene-d2	2.27	63	94342	26.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.92%#
21) 2-Butanone-d5	4.18	46	131066	85.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.40%
24) Chloroform-d	4.65	84	164498	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
26) 1,2-Dichloroethane-d4	5.31	65	112214	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
32) Benzene-d6	5.35	84	300968	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
36) 1,2-Dichloropropane-d6	6.33	67	103773	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.48%
41) Toluene-d8	7.57	98	262853	37.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.08%#
43) trans-1,3-Dichloropropene-	7.85	79	46799	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
47) 2-Hexanone-d5	8.31	63	88533	81.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.21%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	151197	43.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	110023	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%

Target Compounds

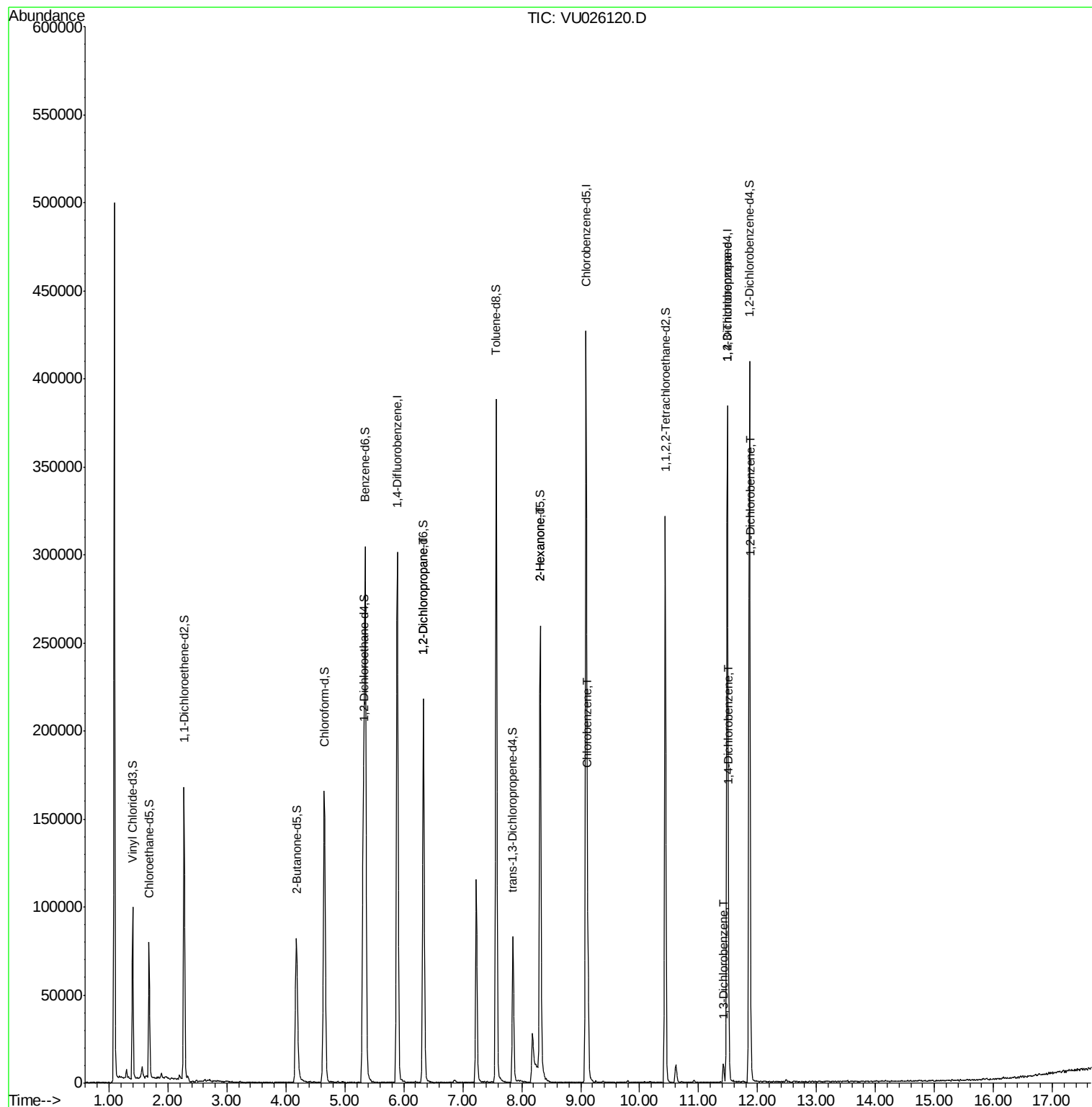
					Qvalue
37) 1,2-Dichloropropane	6.34	63	11452	6.151 ug/L #	88
48) 2-Hexanone	8.31	43	10629	5.334 ug/L #	39
51) Chlorobenzene	9.12	112	40957	8.411 ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	15330	6.385 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	4583	1.454 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	14444	4.373 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	7062	2.105 ug/L #	89

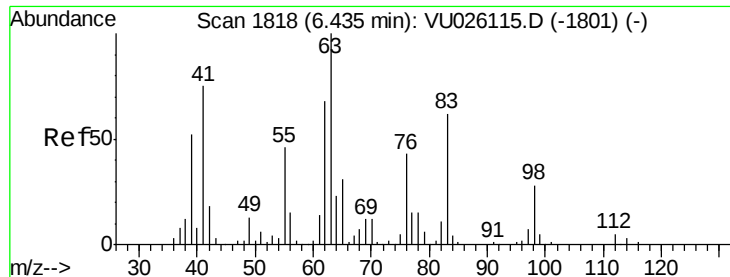
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 16 01:50:34 2018
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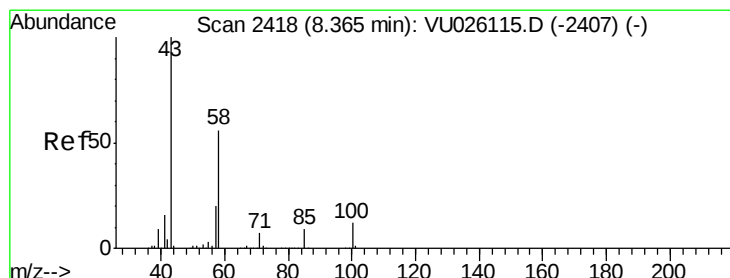
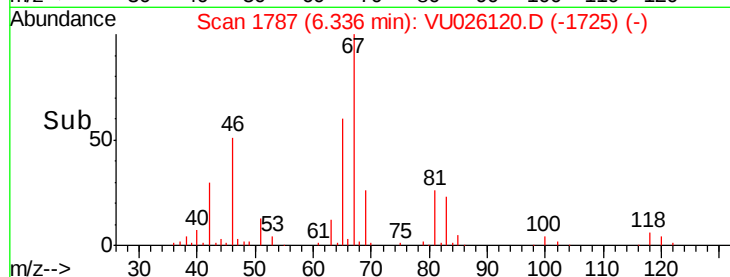
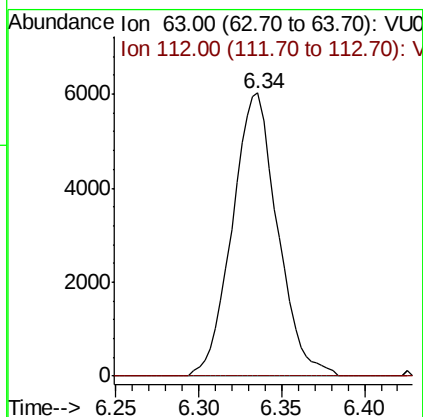
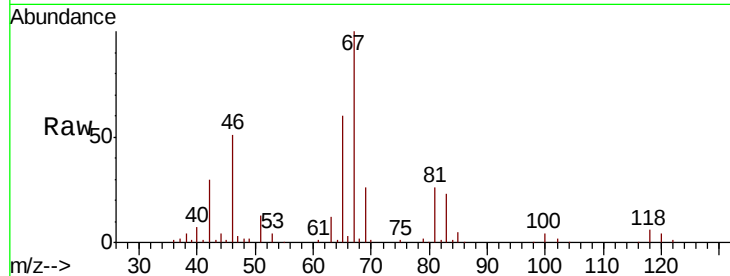




#37
 1,2-Dichloropropane
 Concen: 6.151 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026120.D
 Acq: 14 Aug 2018 23:34

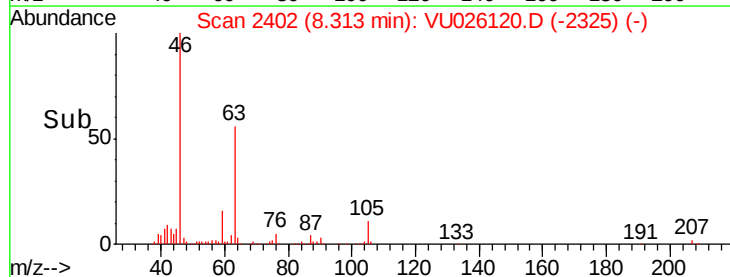
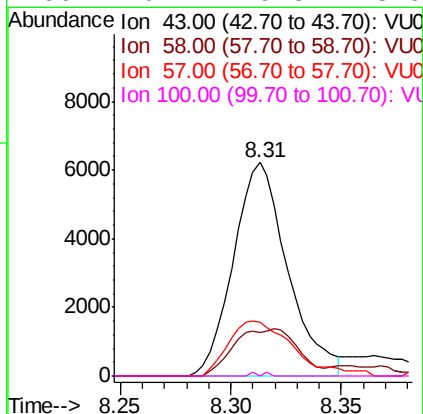
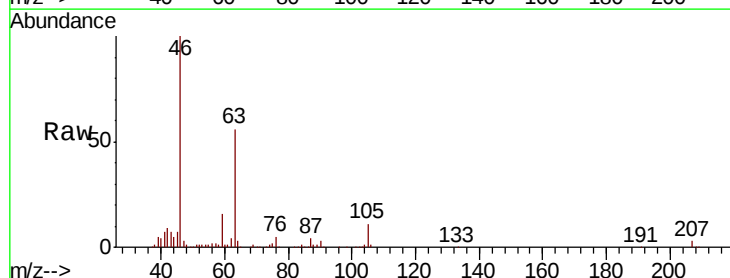
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH7

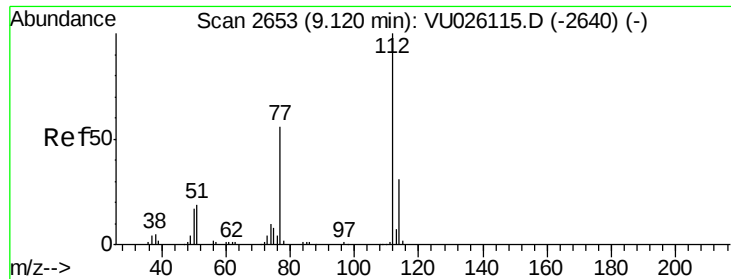
Tgt Ion: 63 Resp: 11452
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 5.334 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026120.D
 Acq: 14 Aug 2018 23:34

Tgt Ion: 43 Resp: 10629
 Ion Ratio Lower Upper
 43 100
 58 0.9 43.6 65.4#
 57 0.0 15.1 22.7#
 100 0.2 9.3 13.9#

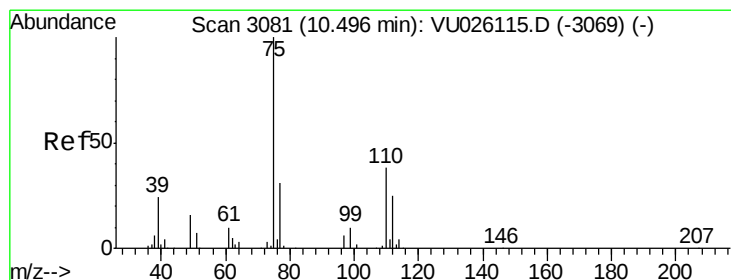
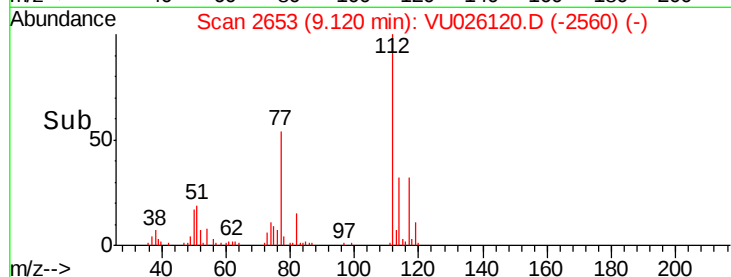
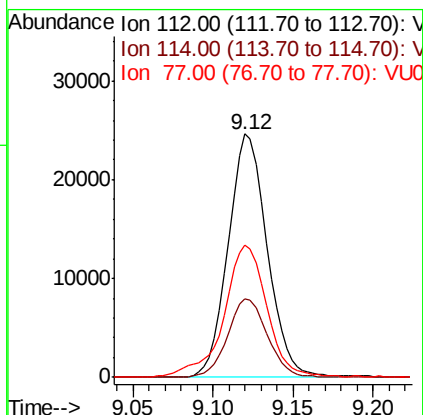
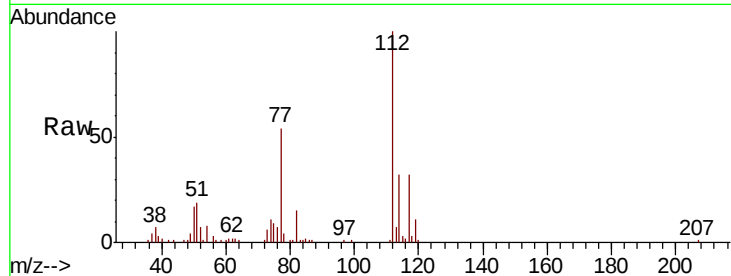




#51
Chlorobenzene
Concen: 8.411 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026120.D
Acq: 14 Aug 2018 23:34

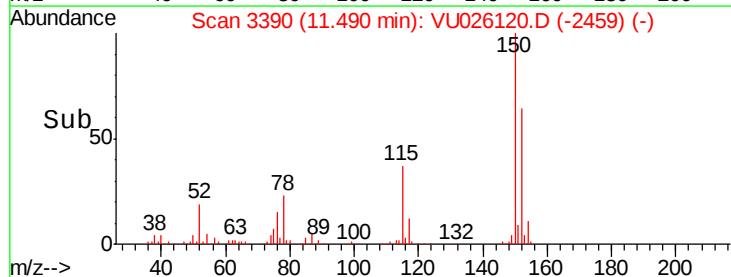
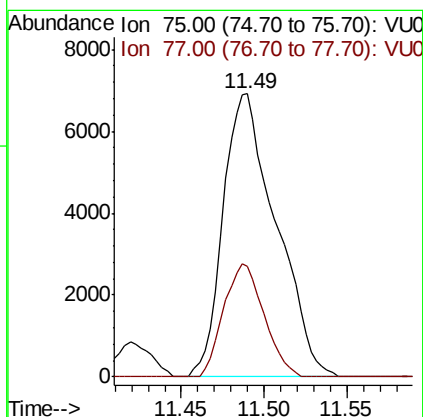
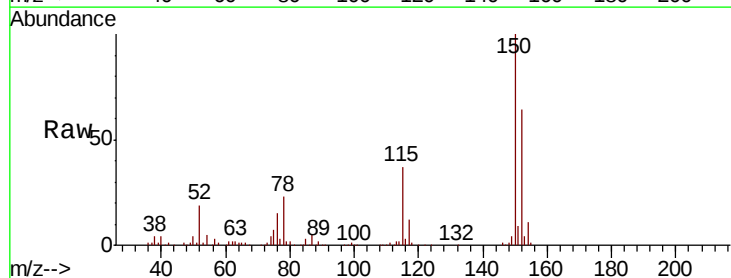
Instrument :
MSVOA_U
ClientSampleId :
A4ZH7

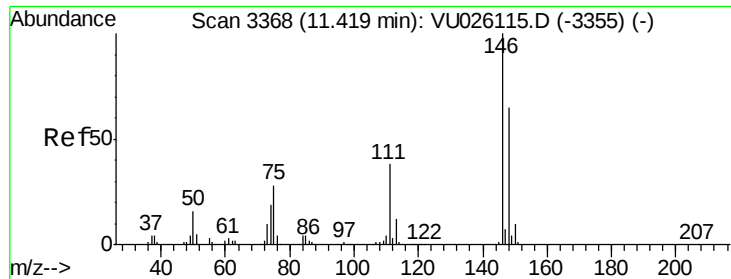
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.3
77	54.1	45.2	67.8



#59
1,2,3-Trichloropropane
Concen: 6.385 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU026120.D
Acq: 14 Aug 2018 23:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.3	37.9





#62

1,3-Dichlorobenzene

Concen: 1.454 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU026120.D

Acq: 14 Aug 2018 23:34

Instrument :

MSVOA_U

ClientSampleId :

A4ZH7

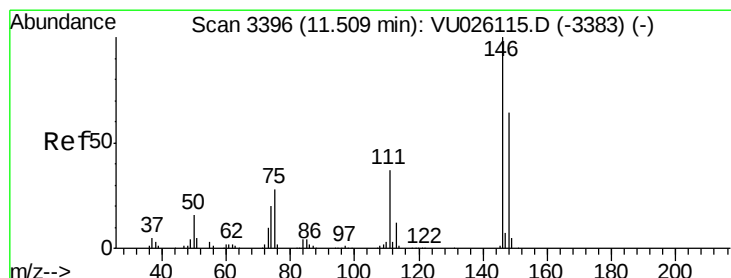
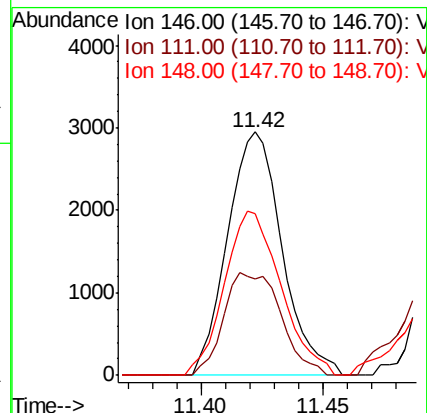
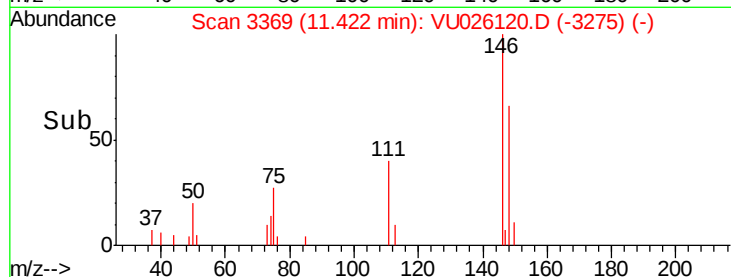
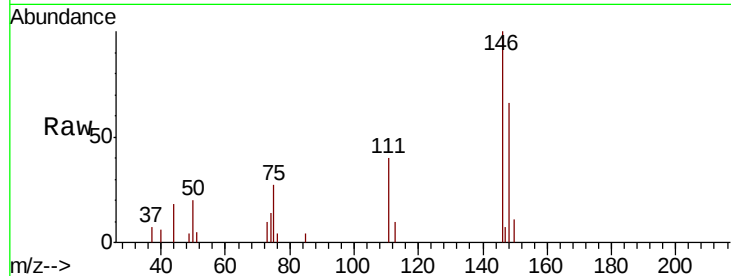
Tgt Ion:146 Resp: 4583

Ion Ratio Lower Upper

146 100

111 39.7 27.9 51.9

148 66.5 46.0 85.4



#63

1,4-Dichlorobenzene

Concen: 4.373 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU026120.D

Acq: 14 Aug 2018 23:34

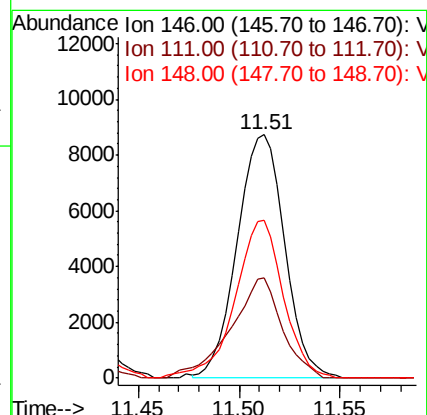
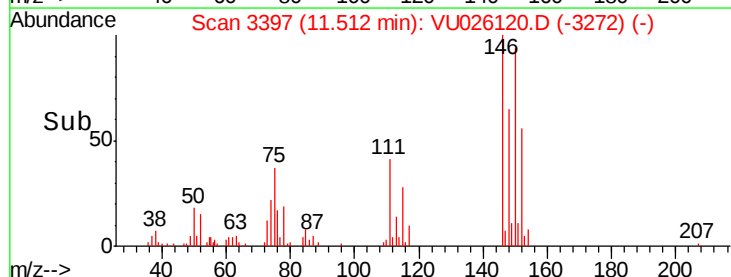
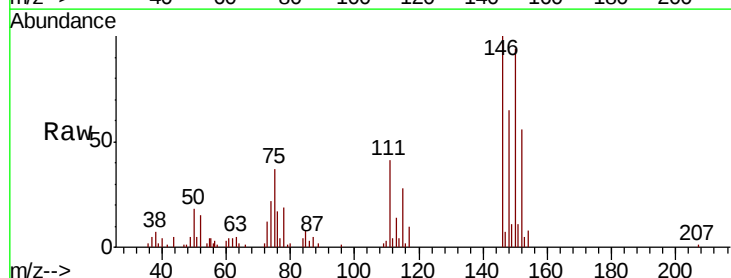
Tgt Ion:146 Resp: 14444

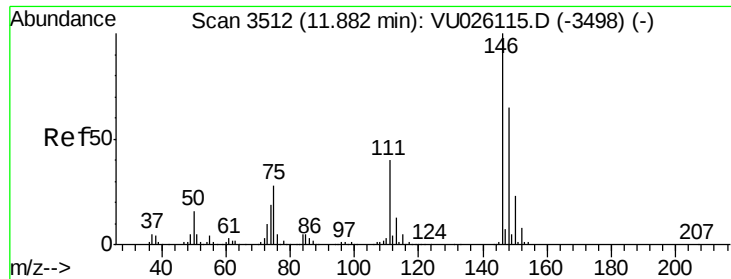
Ion Ratio Lower Upper

146 100

111 41.1 26.4 49.0

148 64.6 43.8 81.4





#65
 1,2-Dichlorobenzene
 Concen: 2.105 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026120.D
 Acq: 14 Aug 2018 23:34

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH7

Tgt Ion:146 Resp: 7062
 Ion Ratio Lower Upper
 146 100
 111 52.2 32.4 48.6#
 148 67.3 50.1 75.1

