

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026114.D
 Acq On : 14 Aug 2018 20:45
 Operator : MD/SY
 Sample : J4402-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ2

Quant Time: Aug 15 07:33:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	247507	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	101322	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66450	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.46%
7) Chloroethane-d5	1.68	69	62579	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.26%
11) 1,1-Dichloroethene-d2	2.27	63	106004	30.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.68%
21) 2-Butanone-d5	4.18	46	141771	94.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.02%
24) Chloroform-d	4.65	84	181180	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
26) 1,2-Dichloroethane-d4	5.31	65	125011	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.35	84	332269	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.33	67	114541	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.57	98	291743	42.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.10%
43) trans-1,3-Dichloropropene-	7.85	79	52955	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
47) 2-Hexanone-d5	8.31	63	97198	91.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.21%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166393	48.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	123654	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

Target Compounds

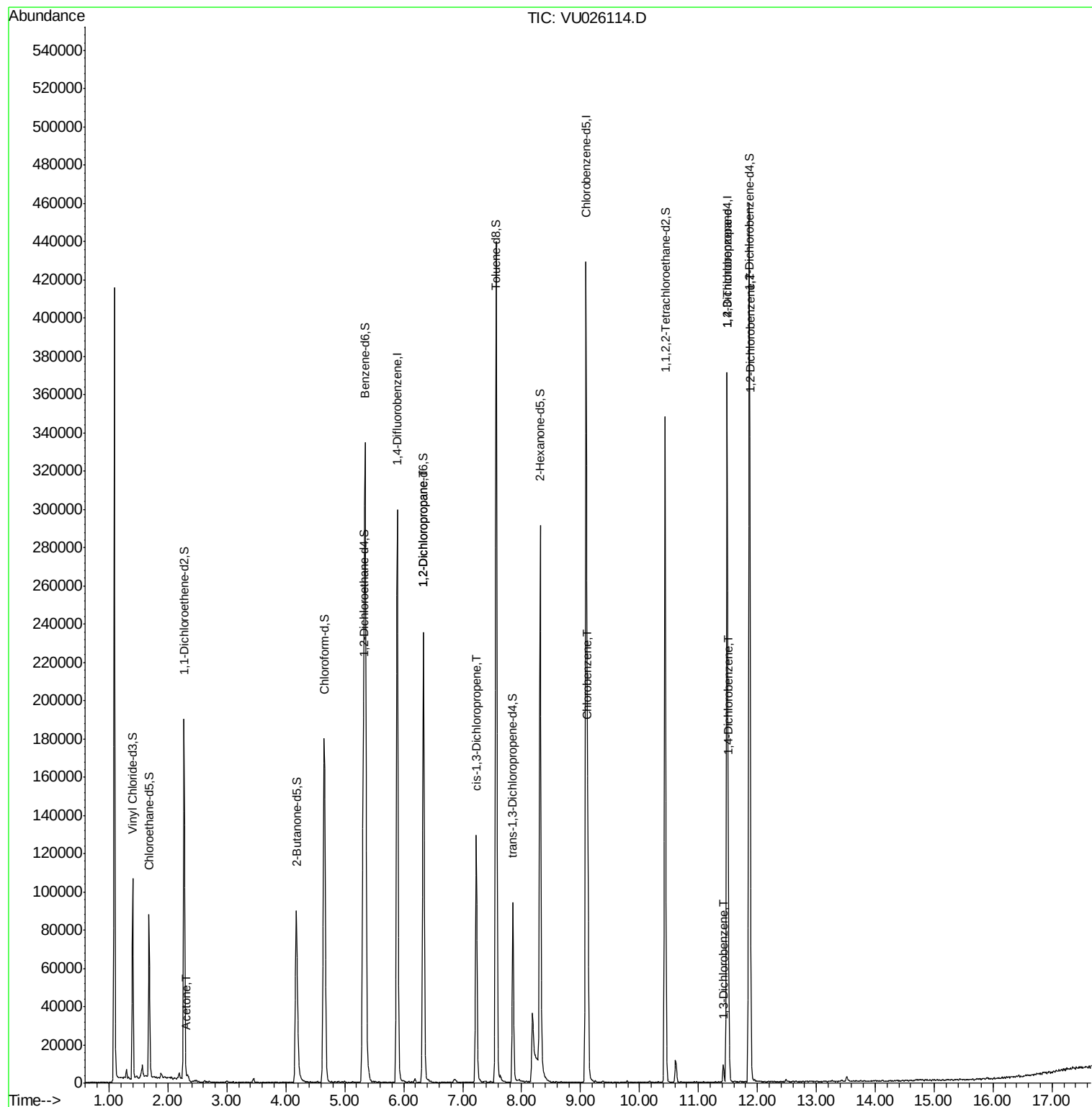
					Qvalue
13) Acetone	2.32	43	1227	1.310 ug/L	74
37) 1,2-Dichloropropane	6.34	63	12718	6.988 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3644	1.321 ug/L #	82
51) Chlorobenzene	9.12	112	74258	15.600 ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	15569	6.633 ug/L	92
62) 1,3-Dichlorobenzene	11.42	146	4356	1.381 ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	14410	4.358 ug/L	90
65) 1,2-Dichlorobenzene	11.88	146	18520	5.516 ug/L	97

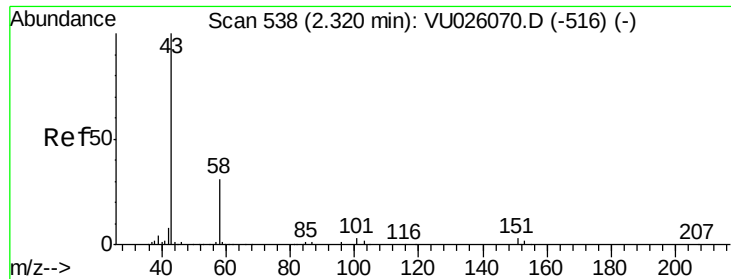
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.310 ug/L

RT: 2.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: VU026114.D

Acq: 14 Aug 2018 20:45

Instrument :

MSVOA_U

ClientSampleId :

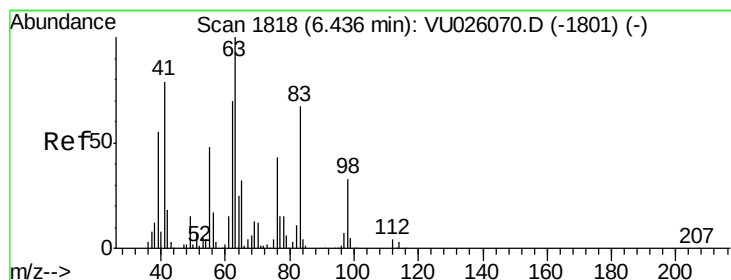
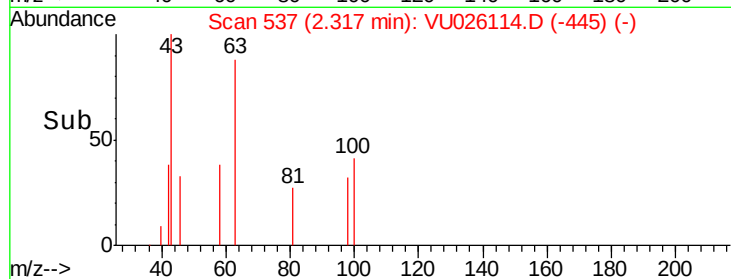
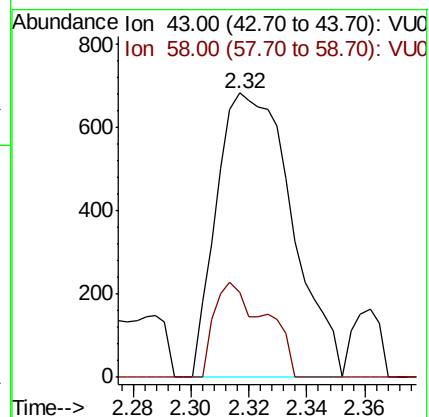
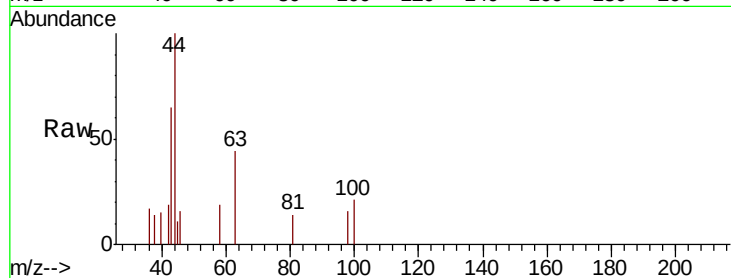
A4ZJ2

Tgt Ion: 43 Resp: 1227

Ion Ratio Lower Upper

43 100

58 16.5 0.0 61.8



#37

1,2-Dichloropropane

Concen: 6.988 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU026114.D

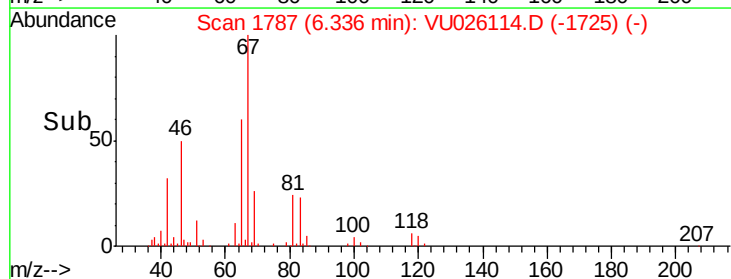
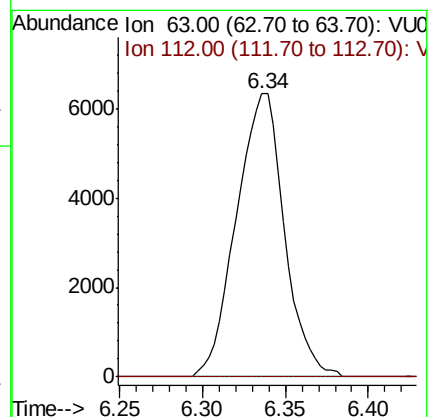
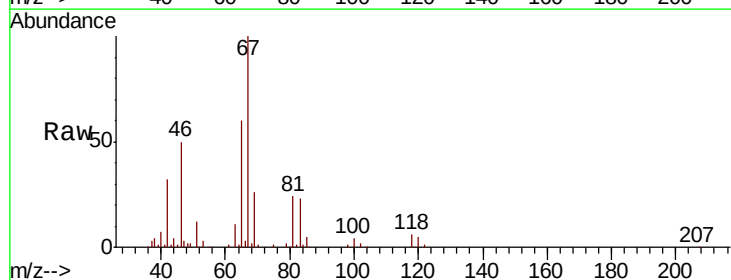
Acq: 14 Aug 2018 20:45

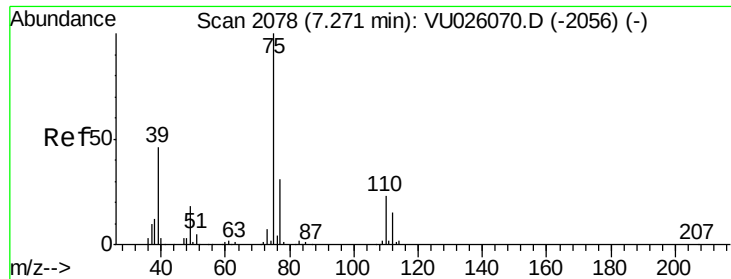
Tgt Ion: 63 Resp: 12718

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

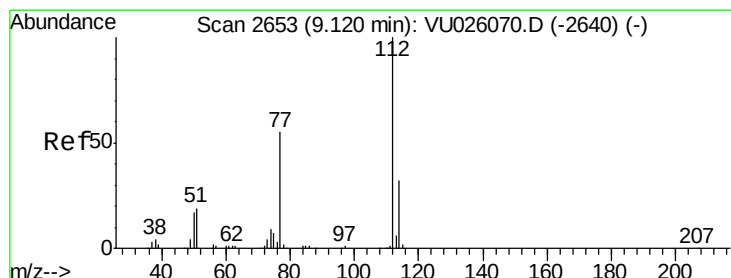
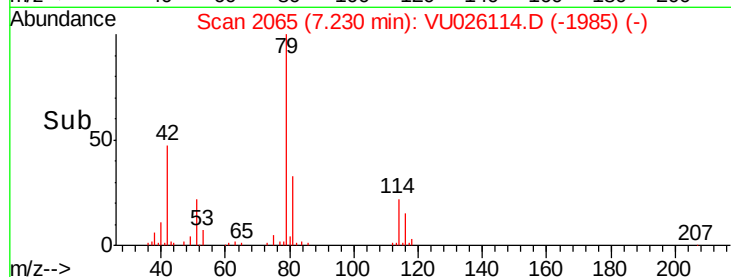
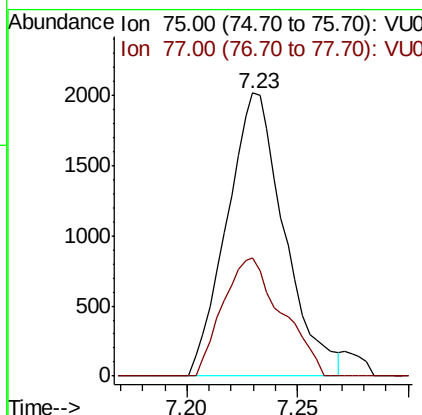
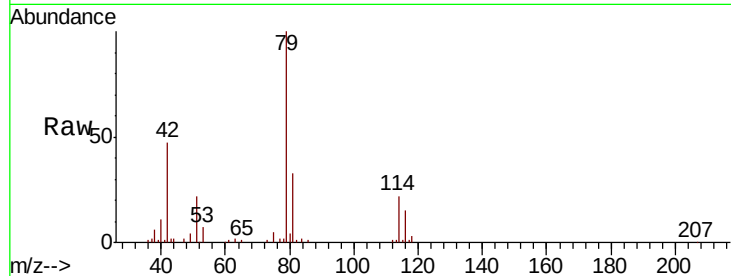




#39
 cis-1,3-Dichloropropene
 Concen: 1.321 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU026114.D
 Acq: 14 Aug 2018 20:45

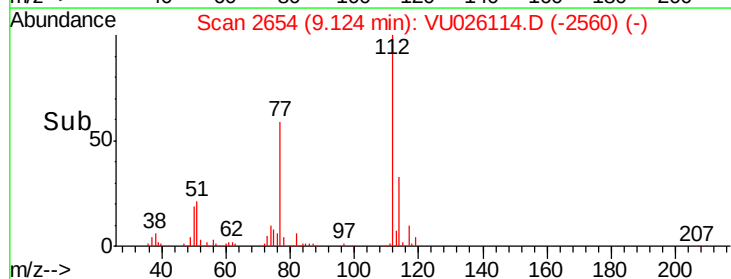
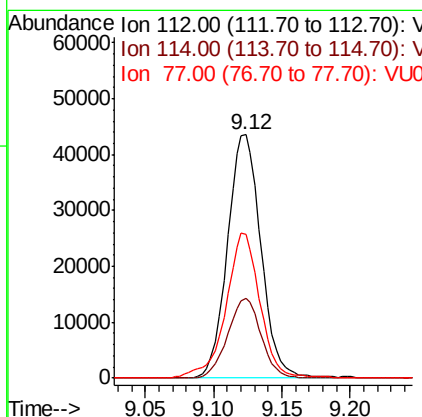
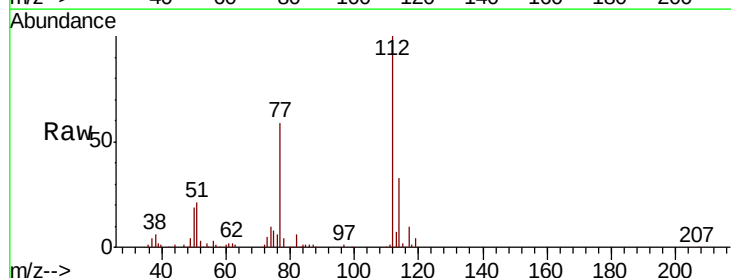
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ2

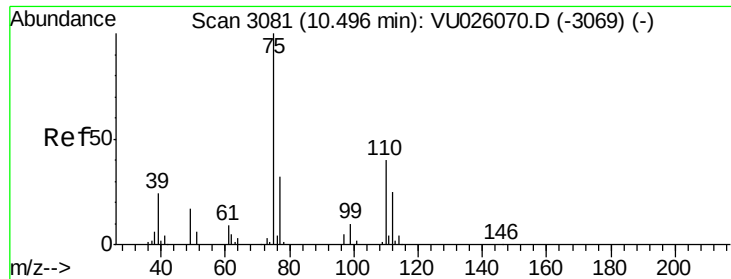
Tgt Ion: 75 Resp: 3644
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.1 41.1#



#51
 Chlorobenzene
 Concen: 15.600 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VU026114.D
 Acq: 14 Aug 2018 20:45

Tgt Ion: 112 Resp: 74258
 Ion Ratio Lower Upper
 112 100
 114 32.7 22.7 42.3
 77 59.2 45.2 67.8





#59

1,2,3-Trichloropropane

Concen: 6.633 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026114.D

Acq: 14 Aug 2018 20:45

Instrument :

MSVOA_U

ClientSampled :

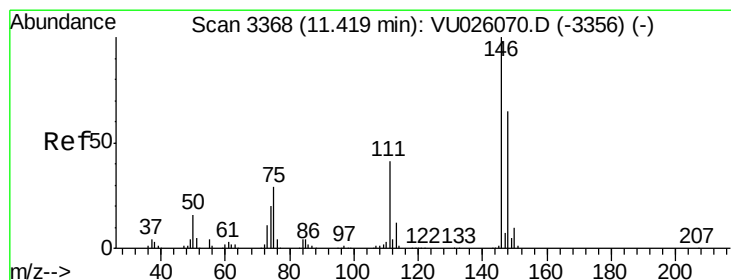
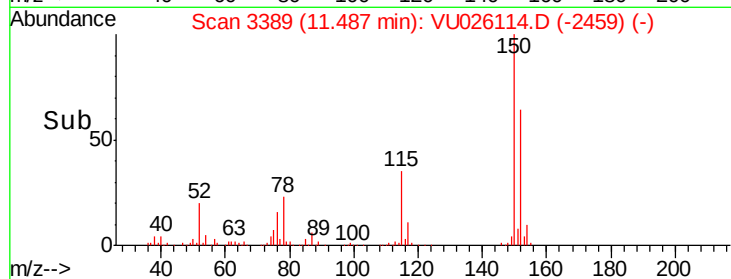
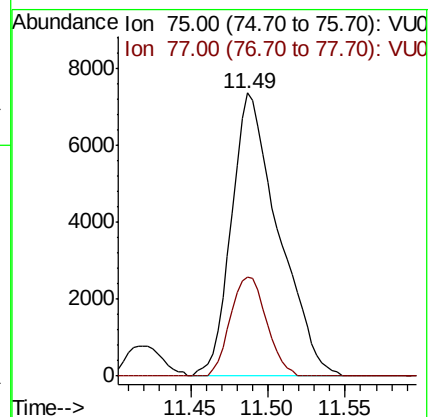
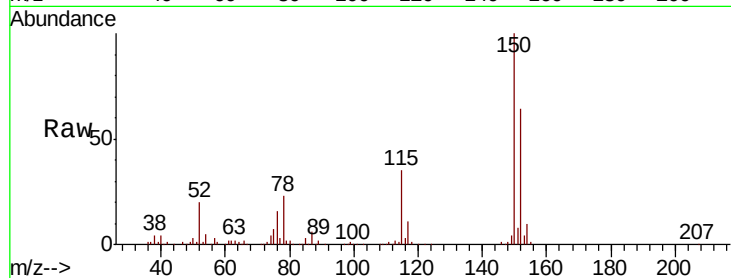
A4ZJ2

Tgt Ion: 75 Resp: 15569

Ion Ratio Lower Upper

75 100

77 26.9 25.3 37.9



#62

1,3-Dichlorobenzene

Concen: 1.381 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU026114.D

Acq: 14 Aug 2018 20:45

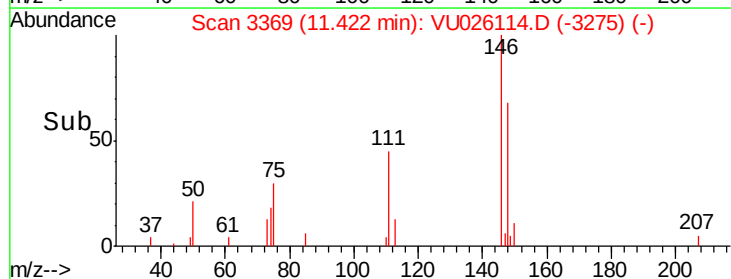
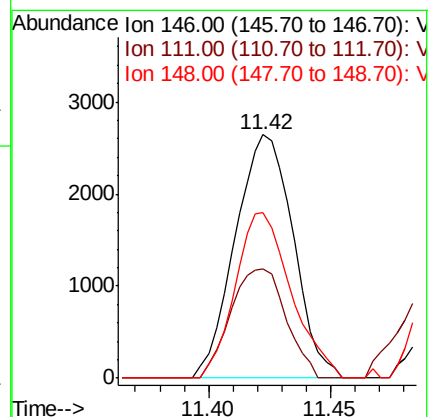
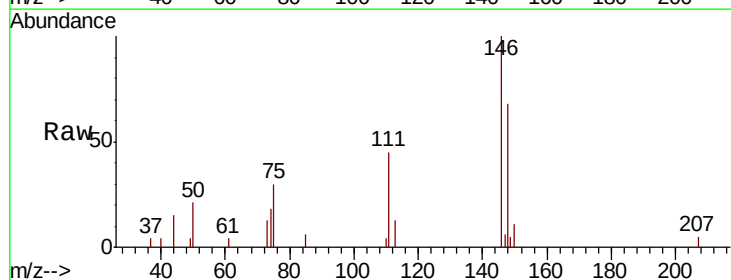
Tgt Ion: 146 Resp: 4356

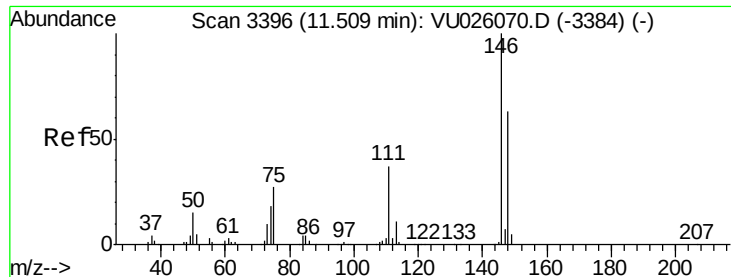
Ion Ratio Lower Upper

146 100

111 44.8 27.9 51.9

148 67.8 46.0 85.4

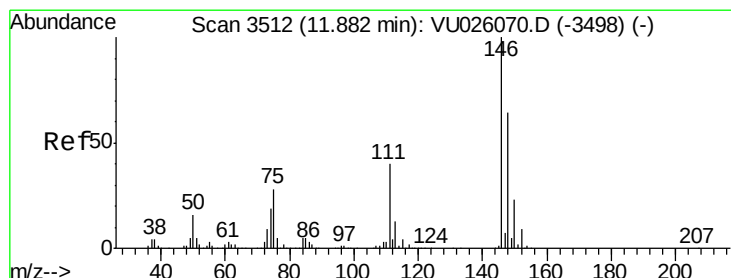
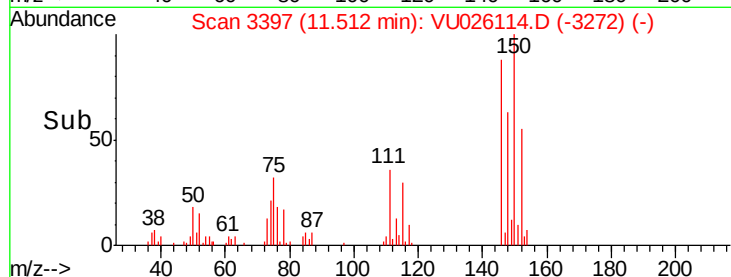
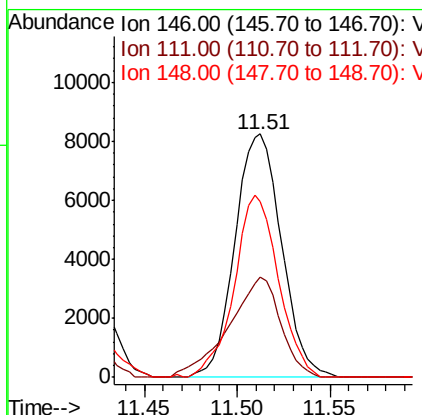
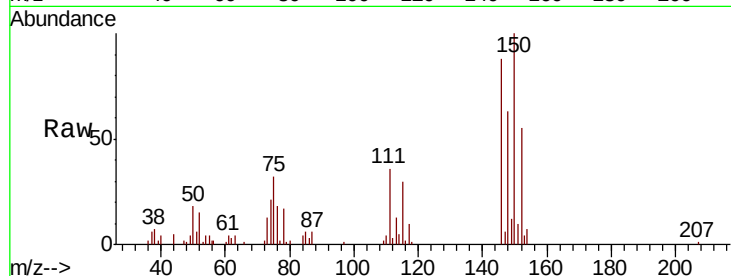




#63
 1,4-Dichlorobenzene
 Concen: 4.358 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU026114.D
 Acq: 14 Aug 2018 20:45

Instrument :
 MSVOA_U
 ClientSampled :
 A4ZJ2

Tgt Ion:146 Resp: 14410
 Ion Ratio Lower Upper
 146 100
 111 41.0 26.4 49.0
 148 72.2 43.8 81.4



#65
 1,2-Dichlorobenzene
 Concen: 5.516 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026114.D
 Acq: 14 Aug 2018 20:45

Tgt Ion:146 Resp: 18520
 Ion Ratio Lower Upper
 146 100
 111 43.1 32.4 48.6
 148 64.0 50.1 75.1

