

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
 Data File : VU026053.D
 Acq On : 10 Aug 2018 20:11
 Operator : MD/SY
 Sample : J4401-21 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 03:48:00 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	306622	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287069	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141967	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90543	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.80%
7) Chloroethane-d5	1.68	69	71213	40.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.16%
11) 1,1-Dichloroethene-d2	2.27	63	132521	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
21) 2-Butanone-d5	4.17	46	109320	58.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.52%
24) Chloroform-d	4.65	84	171711	36.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.26%
26) 1,2-Dichloroethane-d4	5.31	65	109268	34.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.06%#
32) Benzene-d6	5.34	84	340735	38.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.44%
36) 1,2-Dichloropropane-d6	6.33	67	106876	37.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.10%
41) Toluene-d8	7.57	98	310471	36.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.80%#
43) trans-1,3-Dichloropropene-	7.85	79	49382	33.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.96%
47) 2-Hexanone-d5	8.31	63	76504	58.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135345	32.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	64.18%#
64) 1,2-Dichlorobenzene-d4	11.86	152	127333	36.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.76%#

Target Compounds

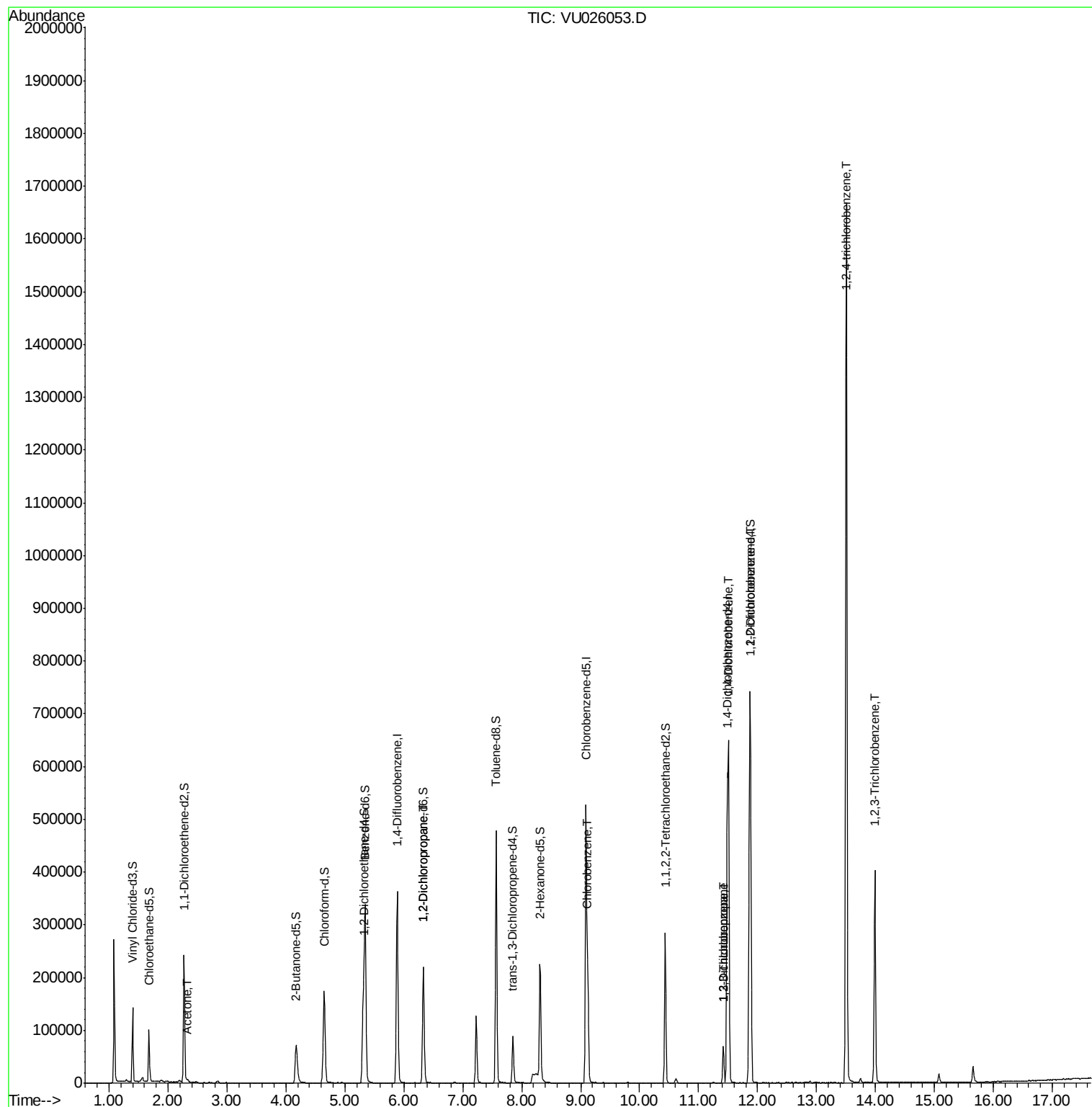
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	3009	2.593	ug/L	98
37) 1,2-Dichloropropane	6.33	63	12655	5.657	ug/L #	88
51) Chlorobenzene	9.12	112	112612	19.245	ug/L	100
59) 1,2,3-Trichloropropane	11.42	75	8099	2.807	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	29079	6.579	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	241183	52.056	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	248565	52.836	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	504381	180.565	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	124305	41.403	ug/L	99

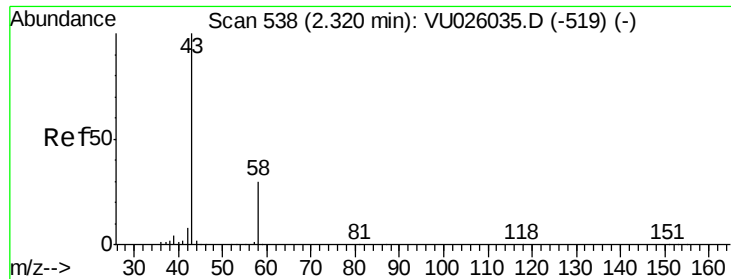
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.593 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026053.D

Acq: 10 Aug 2018 20:11

Instrument :

MSVOA_U

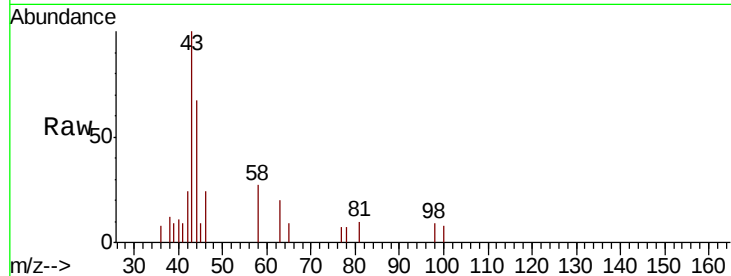
ClientSampleId :

Tot Ion: 43 Resp: 3009

Ion Ratio Lower Upper

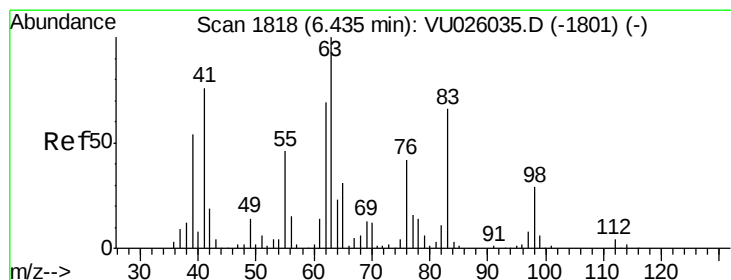
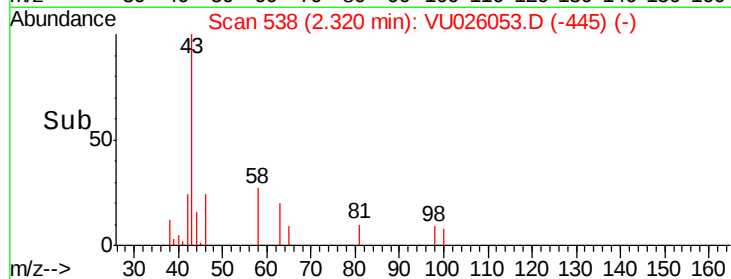
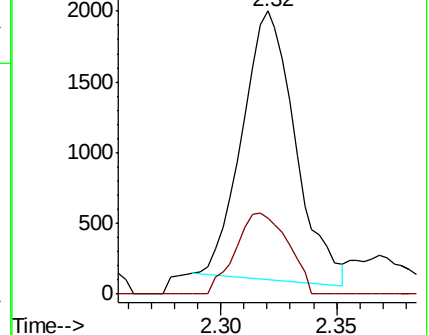
43 100

58 29.8 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.657 ug/L

RT: 6.33 min Scan# 1785

Delta R.T. -0.11 min

Lab File: VU026053.D

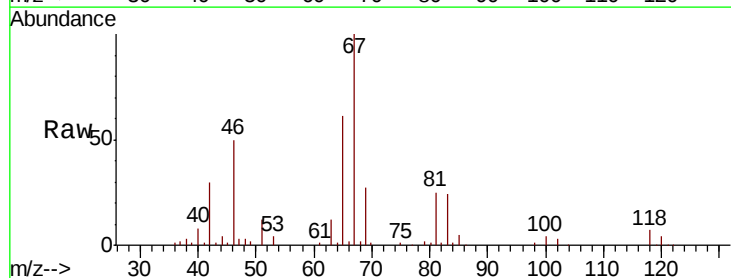
Acq: 10 Aug 2018 20:11

Tgt Ion: 63 Resp: 12655

Ion Ratio Lower Upper

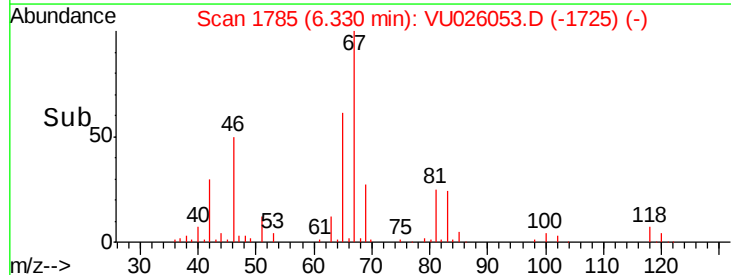
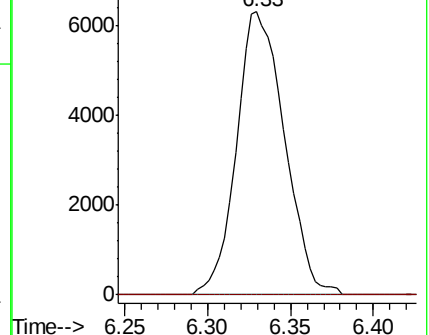
63 100

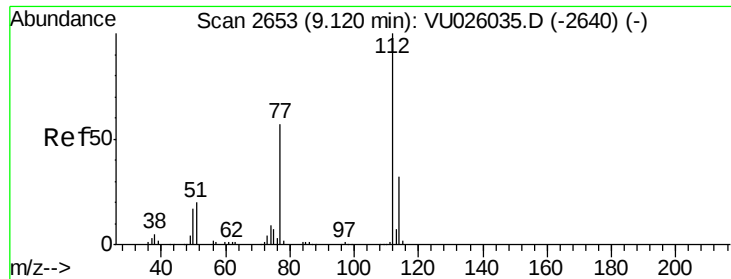
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#51

Chlorobenzene

Concen: 19.245 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU026053.D

Acq: 10 Aug 2018 20:11

Instrument :

MSVOA_U

ClientSampled :

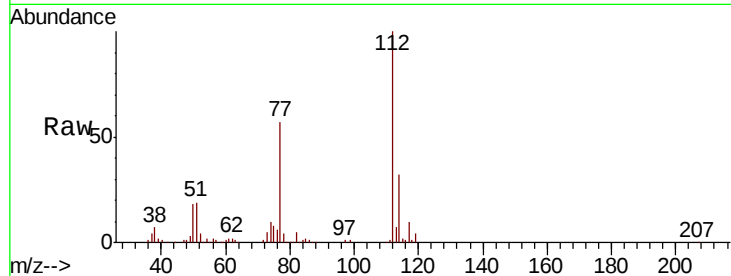
Tot Ion:112 Resp: 112612

Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

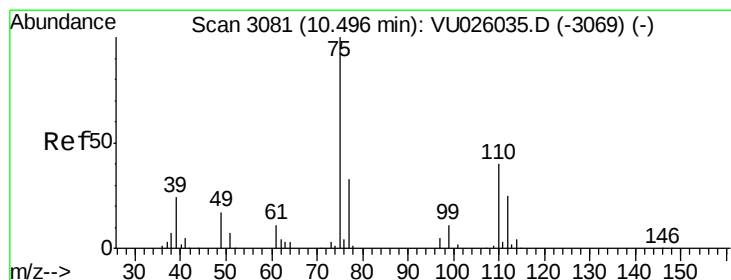
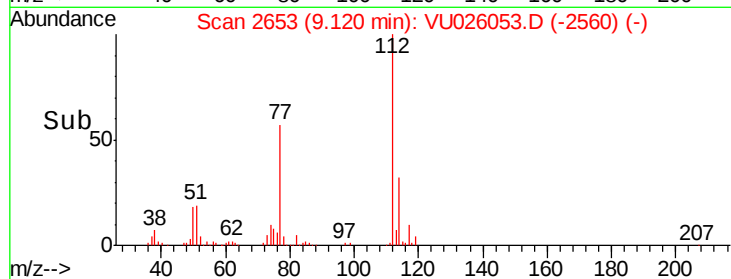
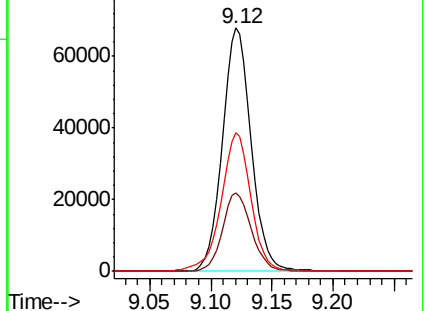
77 56.9 45.2 67.8



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



#59

1,2,3-Trichloropropane

Concen: 2.807 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.92 min

Lab File: VU026053.D

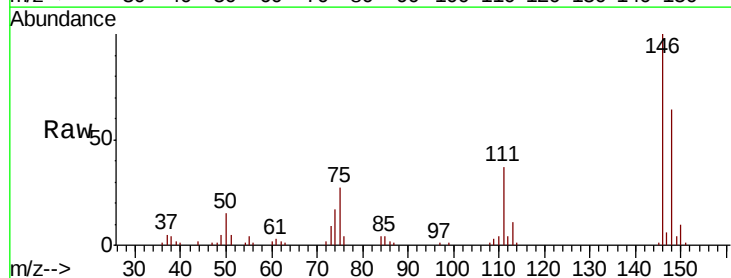
Acq: 10 Aug 2018 20:11

Tgt Ion: 75 Resp: 8099

Ion Ratio Lower Upper

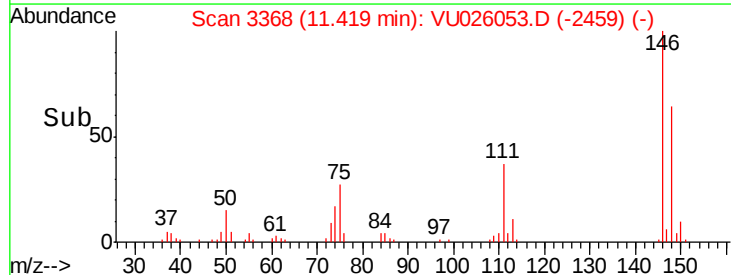
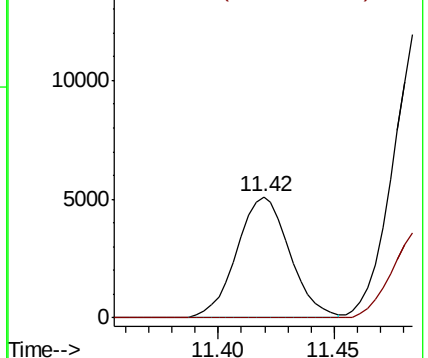
75 100

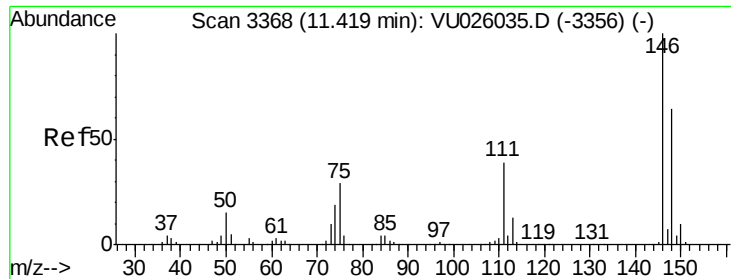
77 0.0 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

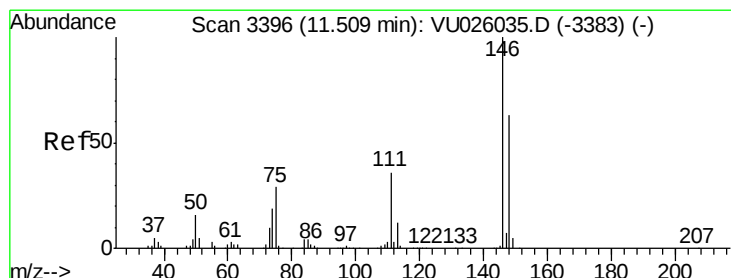
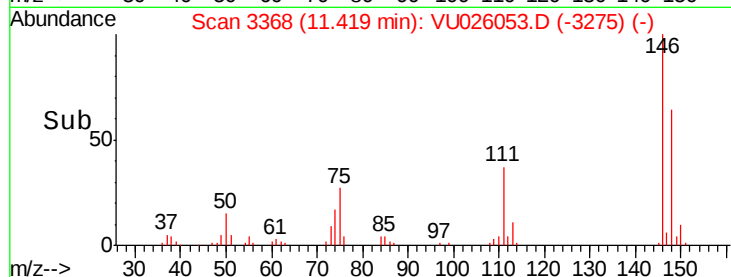
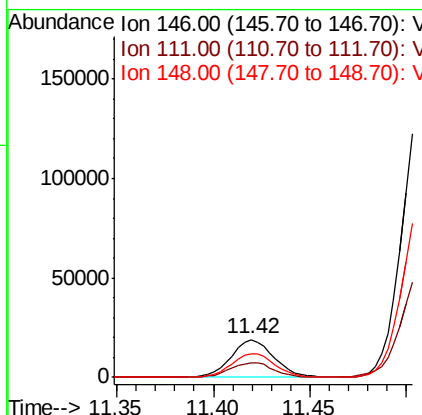
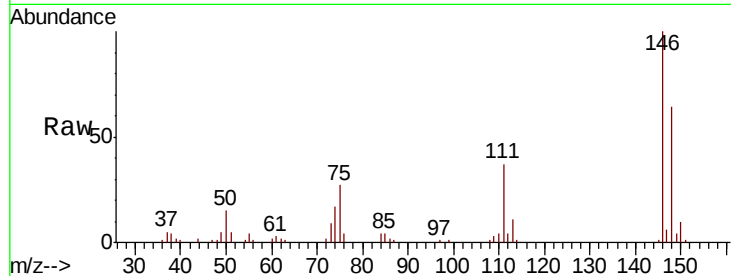




#62
 1,3-Dichlorobenzene
 Concen: 6.579 ug/L
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU026053.D
 Acq: 10 Aug 2018 20:11

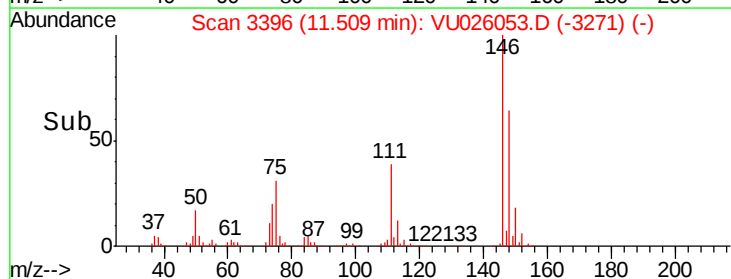
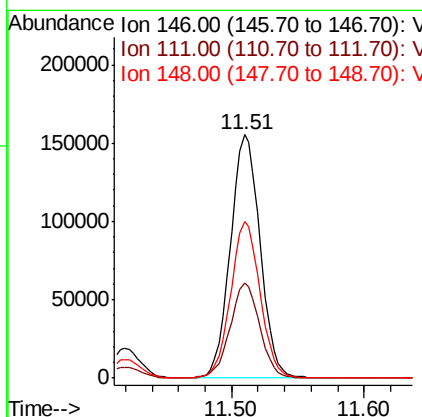
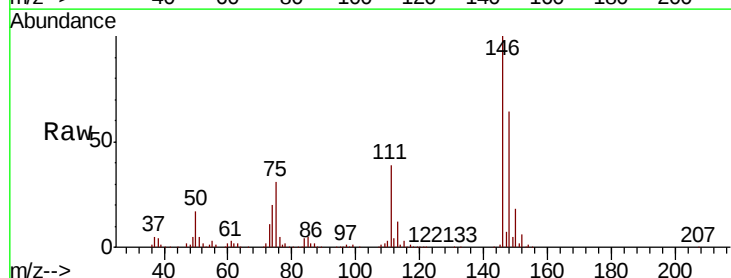
Instrument :
 MSVOA_U
 ClientSampleId :

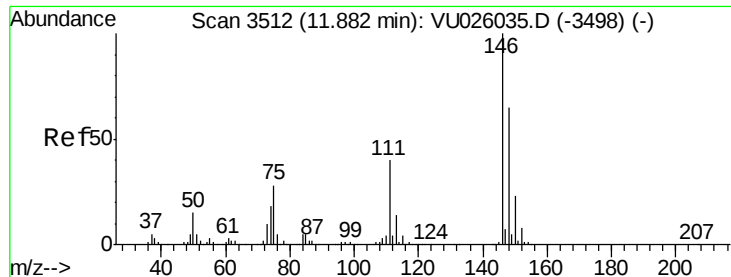
Tot Ion:146 Resp: 29079
 Ion Ratio Lower Upper
 146 100
 111 37.0 27.9 51.9
 148 63.6 46.0 85.4



#63
 1,4-Dichlorobenzene
 Concen: 52.056 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026053.D
 Acq: 10 Aug 2018 20:11

Tgt Ion:146 Resp: 241183
 Ion Ratio Lower Upper
 146 100
 111 39.0 26.4 49.0
 148 64.3 43.8 81.4





#65

1,2-Dichlorobenzene

Concen: 52.836 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026053.D

Acq: 10 Aug 2018 20:11

Instrument :

MSVOA_U

ClientSampleId :

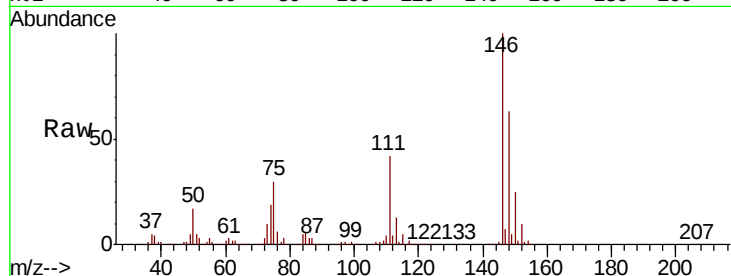
Tot Ion:146 Resp: 248565

Ion Ratio Lower Upper

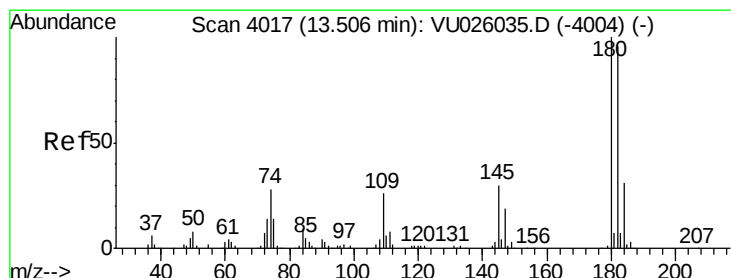
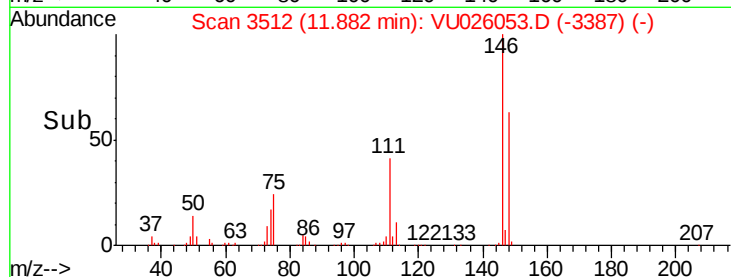
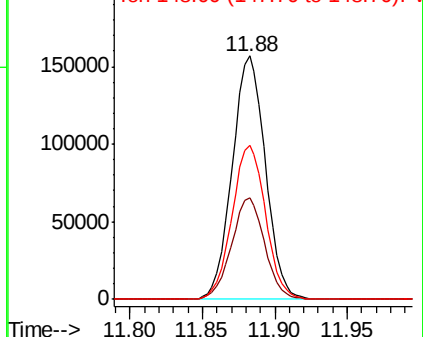
146 100

111 41.9 32.4 48.6

148 63.1 50.1 75.1



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



#68

1,2,4-trichlorobenzene

Concen: 180.565 ug/L

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU026053.D

Acq: 10 Aug 2018 20:11

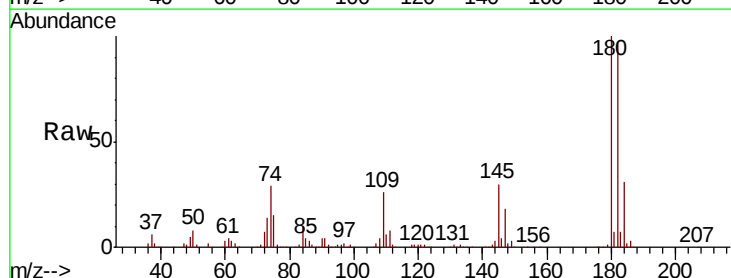
Tgt Ion:180 Resp: 504381

Ion Ratio Lower Upper

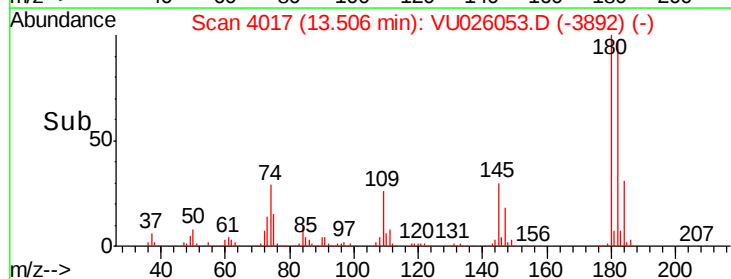
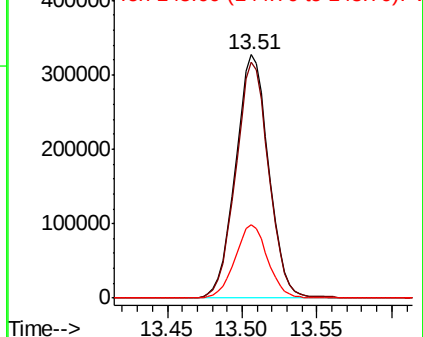
180 100

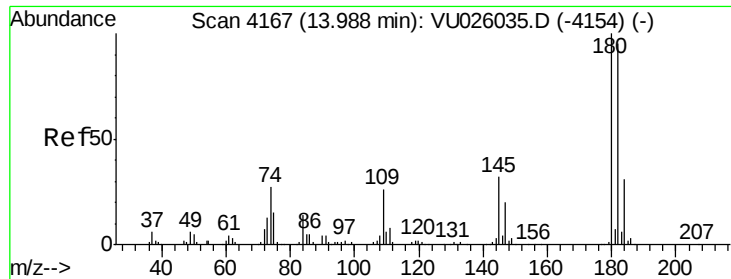
182 96.5 76.5 114.7

145 29.5 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

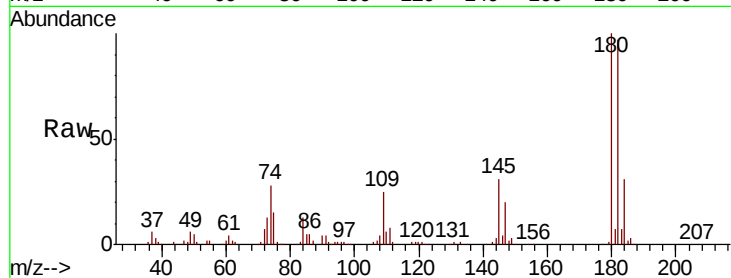




#70
 1,2,3-Trichlorobenzene
 Concen: 41.403 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU026053.D
 Acq: 10 Aug 2018 20:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.5	114.7
145	32.3	24.7	37.1



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

