

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\
 Data File : VU029719.D
 Acq On : 27 Feb 2019 21:09
 Operator : JC/SP
 Sample : K1623-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: Feb 28 10:57:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 28 00:50:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	435471	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418440	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210856	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148074	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.80%
7) Chloroethane-d5	1.68	69	126395	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.12%
11) 1,1-Dichloroethene-d2	2.27	63	216412	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	4.17	46	222650	114.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.66%
24) Chloroform-d	4.65	84	274065	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
26) 1,2-Dichloroethane-d4	5.31	65	172418	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.24%
32) Benzene-d6	5.34	84	586788	55.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.46%
36) 1,2-Dichloropropane-d6	6.33	67	179064	56.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.06%
41) Toluene-d8	7.56	98	556644	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.85	79	83184	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.31	63	180385	102.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272224	50.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	238764	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%

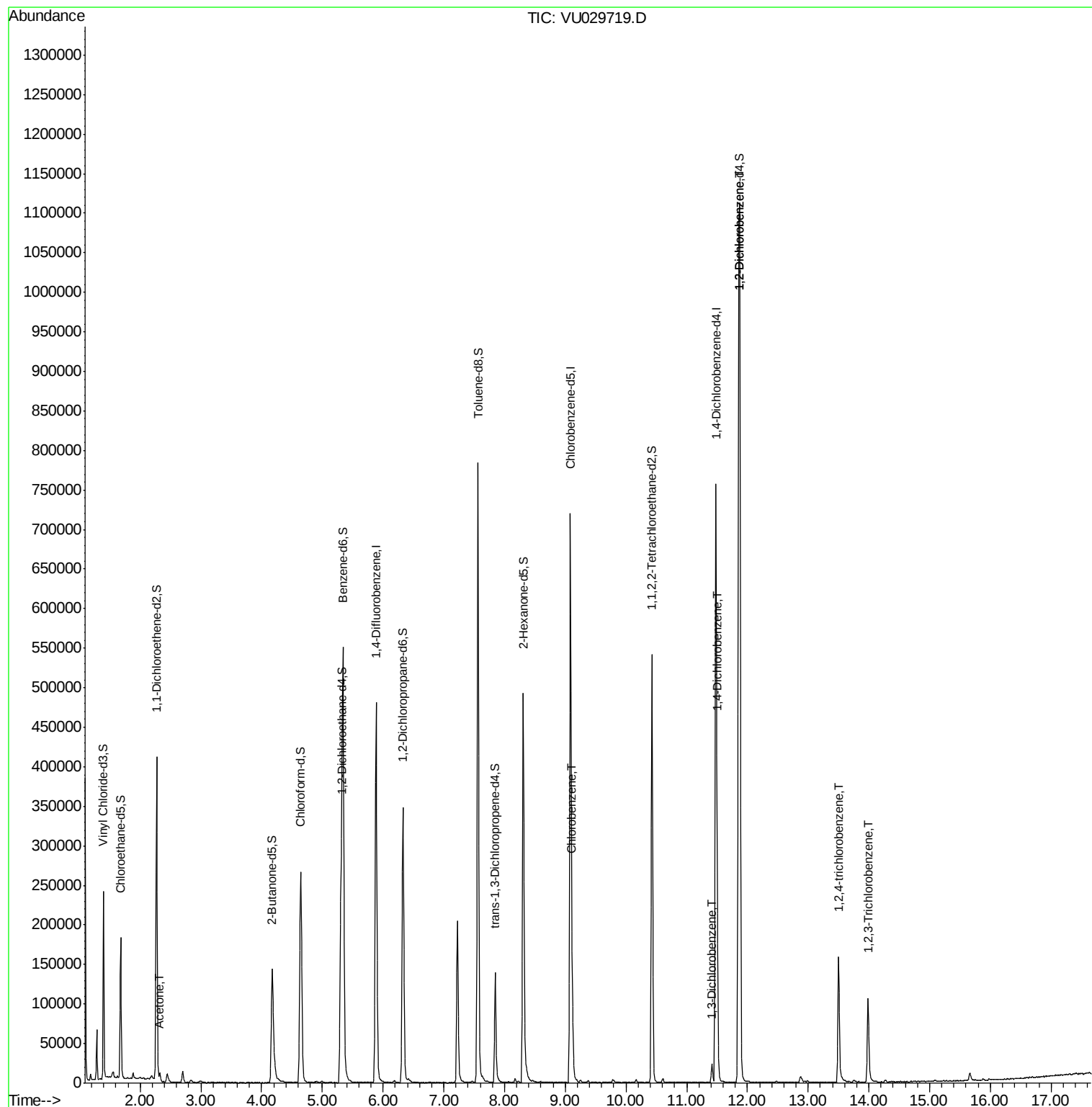
Target Compounds

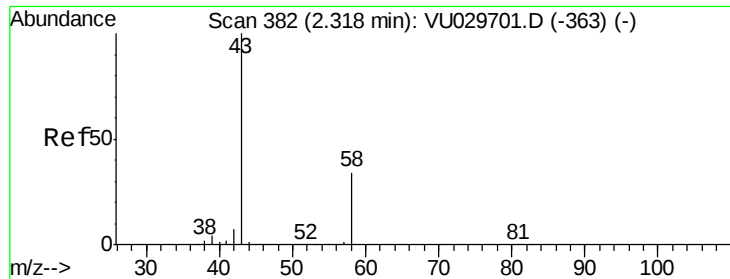
					Ovalue
13) Acetone	2.32	43	7909	3.811 ug/L	99
51) Chlorobenzene	9.12	112	66498	7.637 ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	10297	1.532 ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	80921	11.961 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	379395	54.062 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	61300	13.815 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	43131	9.153 ug/L	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU022719\
Data File : VU029719.D
Acq On : 27 Feb 2019 21:09
Operator : JC/SP
Sample : K1623-01DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Feb 28 10:57:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.811 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029719.D

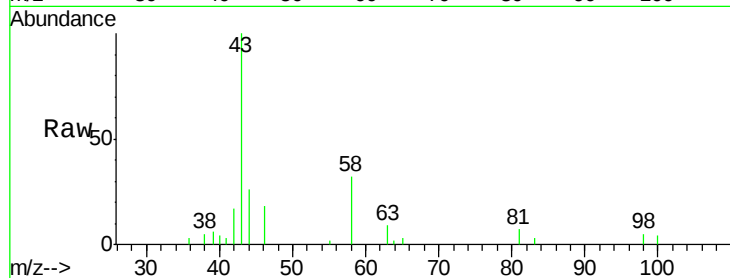
Acq: 27 Feb 2019 21:09

Tot Ion: 43 Resp: 7909

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.8

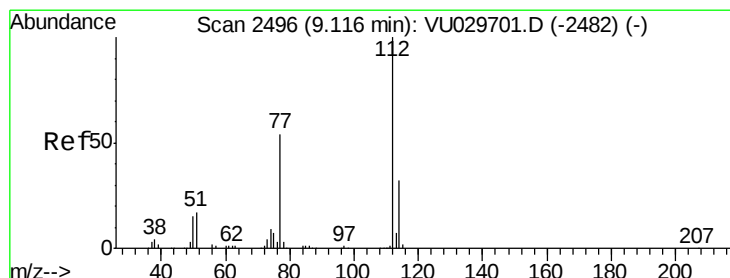
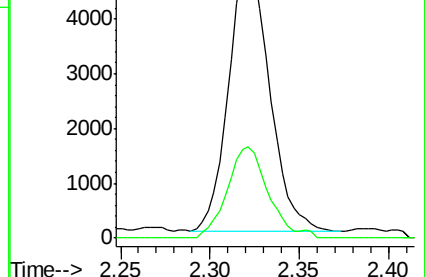
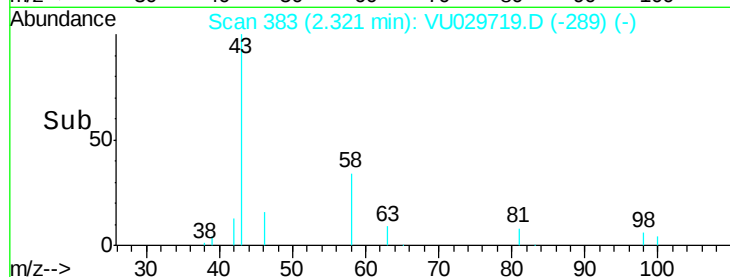


Abundance Ion 43.00 (42.70 to 43.70): VU029719.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU029719.D (-289) (-)

2.32

Time-->



#51

Chlorobenzene

Concen: 7.637 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029719.D

Acq: 27 Feb 2019 21:09

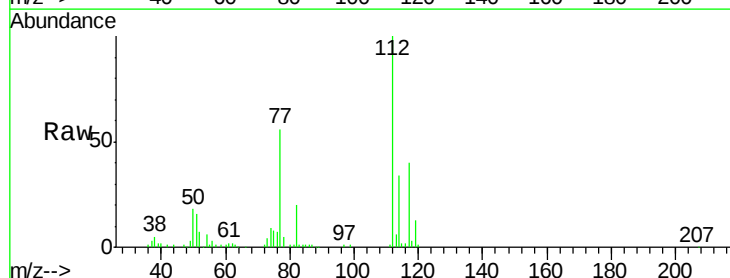
Tgt Ion: 112 Resp: 66498

Ion Ratio Lower Upper

112 100

114 33.5 22.7 42.1

77 55.5 42.1 63.1



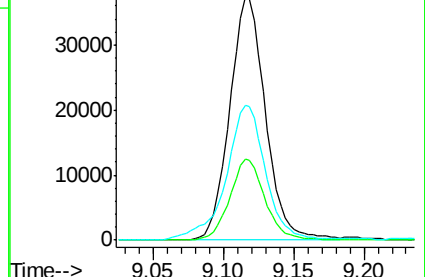
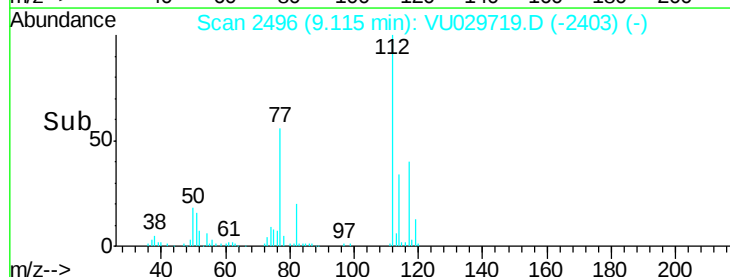
Abundance Ion 112.00 (111.70 to 112.70): VU029719.D (-2403) (-)

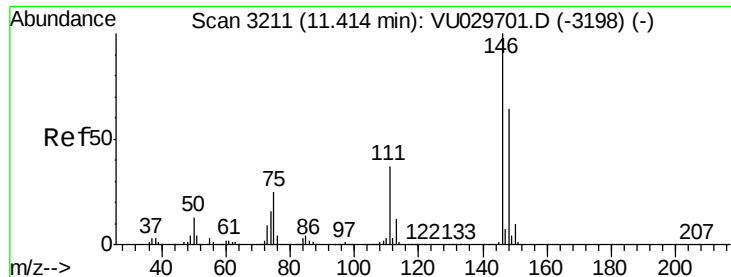
Ion 114.00 (113.70 to 114.70): VU029719.D (-2403) (-)

Ion 77.00 (76.70 to 77.70): VU029719.D (-2403) (-)

9.12

Time-->





#62

1,3-Dichlorobenzene

Concen: 1.532 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VU029719.D

Acq: 27 Feb 2019 21:09

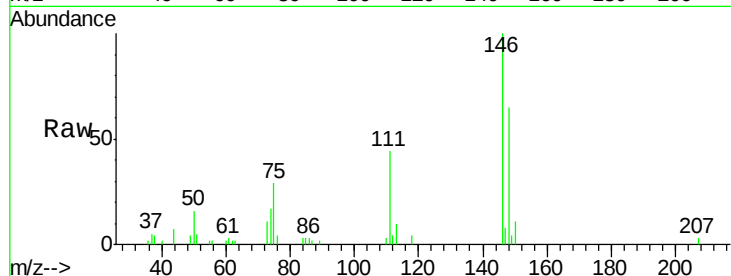
Tot Ion:146 Resp: 10297

Ion	Ratio	Lower	Upper
146	100		
111	44.4	26.7	49.5
148	65.0	45.9	85.3

146 100

111 44.4 26.7 49.5

148 65.0 45.9 85.3

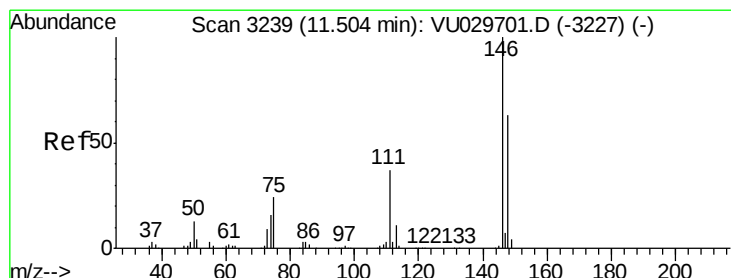
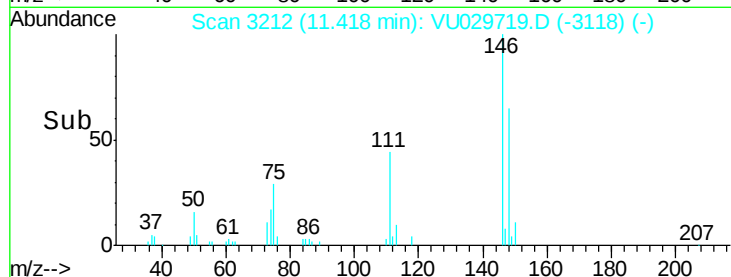
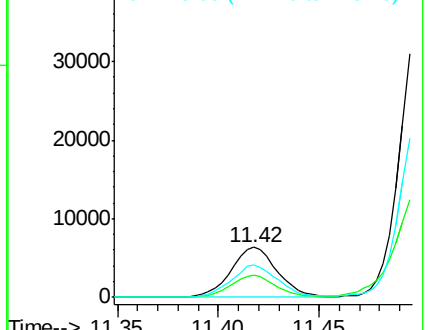


Abundance

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: 11.961 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

Lab File: VU029719.D

Acq: 27 Feb 2019 21:09

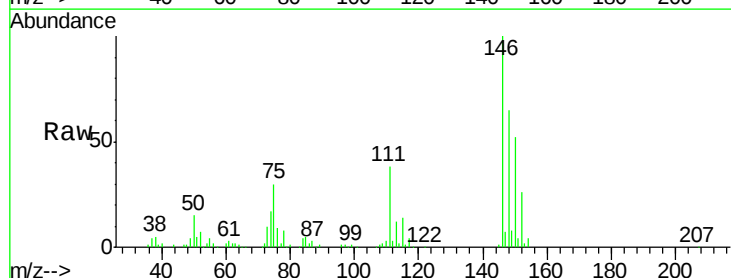
Tgt Ion:146 Resp: 80921

Ion	Ratio	Lower	Upper
146	100		
111	38.0	25.1	46.5
148	64.6	45.0	83.6

146 100

111 38.0 25.1 46.5

148 64.6 45.0 83.6

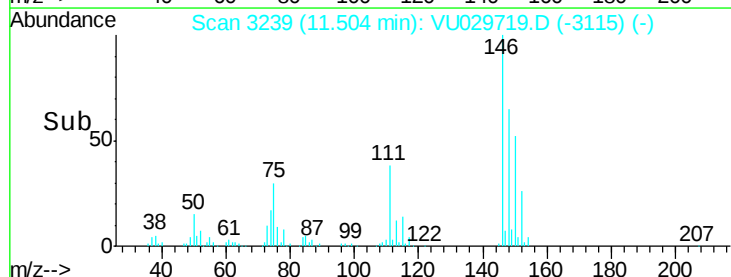
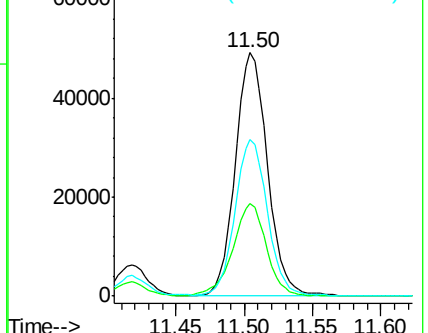


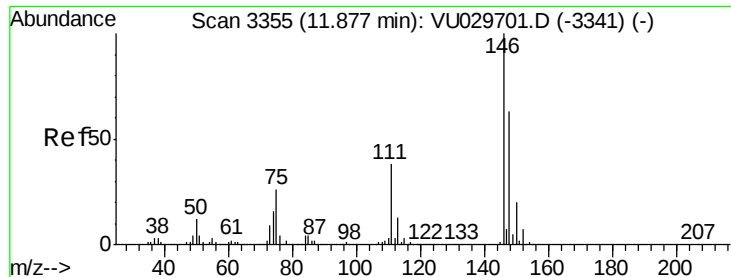
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

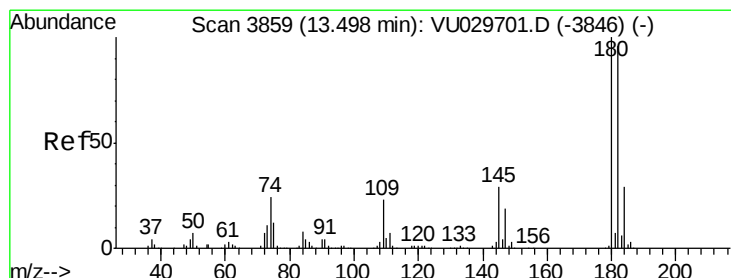
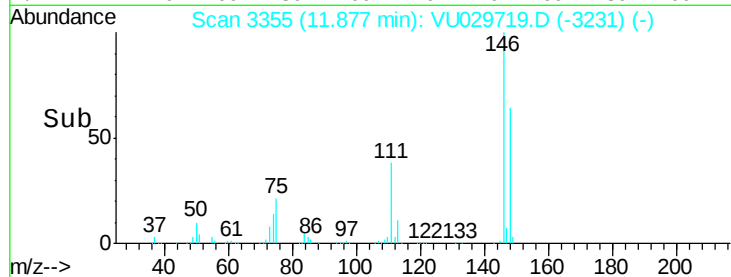
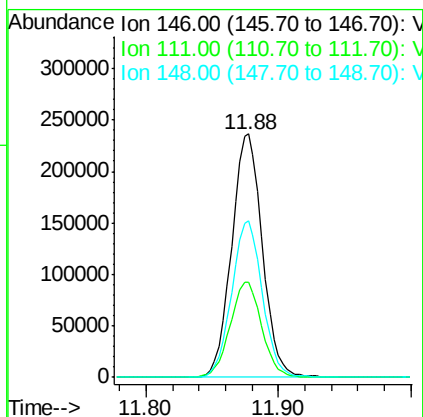
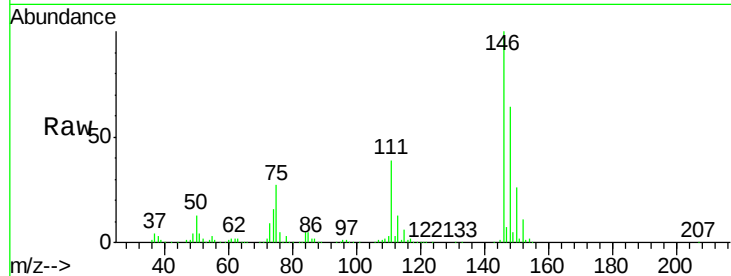
Ion 148.00 (147.70 to 148.70): V





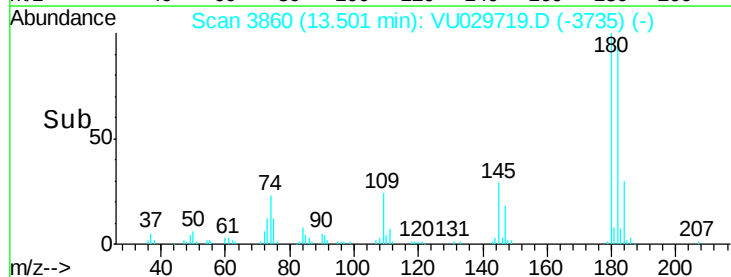
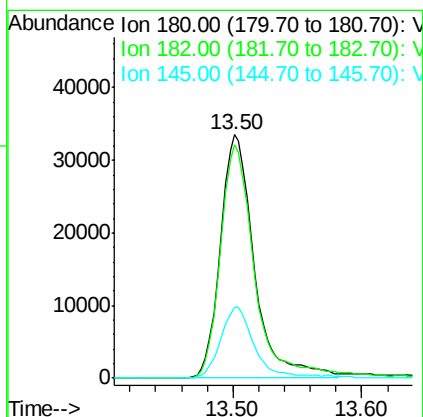
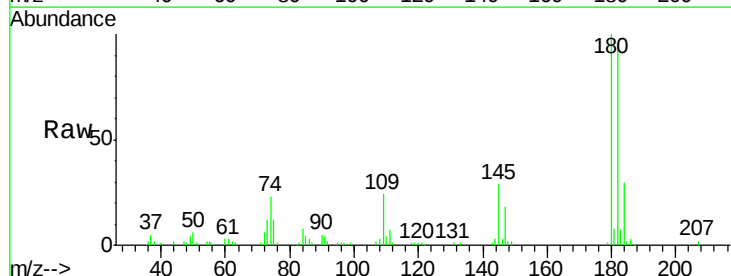
#65
 1,2-Dichlorobenzene
 Concen: 54.062 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VU029719.D
 Acq: 27 Feb 2019 21:09

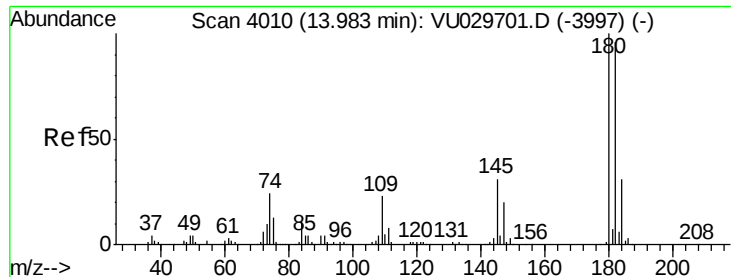
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	31.2	46.8
148	64.2	51.6	77.4



#68
 1,2,4-trichlorobenzene
 Concen: 13.815 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029719.D
 Acq: 27 Feb 2019 21:09

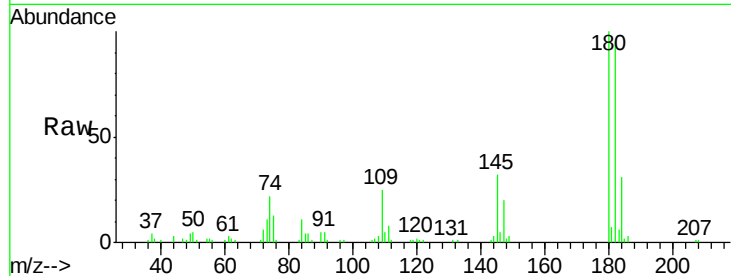
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.2	114.2
145	28.8	22.7	34.1





#70
 1,2,3-Trichlorobenzene
 Concen: 9.153 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU029719.D
 Acq: 27 Feb 2019 21:09

Tot Ion	Ion	Ratio	Lower	Upper
180	180	100		
182	182	95.9	76.8	115.2
145	145	30.2	24.4	36.6



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

