

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031919\
 Data File : VV009777.D
 Acq On : 19 Mar 2019 14:54
 Operator : SY/MD
 Sample : K1967-01DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A9DL

Quant Time: Mar 20 05:37:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 05:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137654	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56757	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40873	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.56	69	32924	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.16%
11) 1,1-Dichloroethene-d2	2.12	63	66386	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	3.93	46	48495	87.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.72%
24) Chloroform-d	4.40	84	75293	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
26) 1,2-Dichloroethane-d4	5.08	65	48004	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
32) Benzene-d6	5.10	84	164172	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	48199	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.36	98	154902	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.66	79	21705	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.13	63	35497	84.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.45%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69113	44.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	54237	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%

Target Compounds

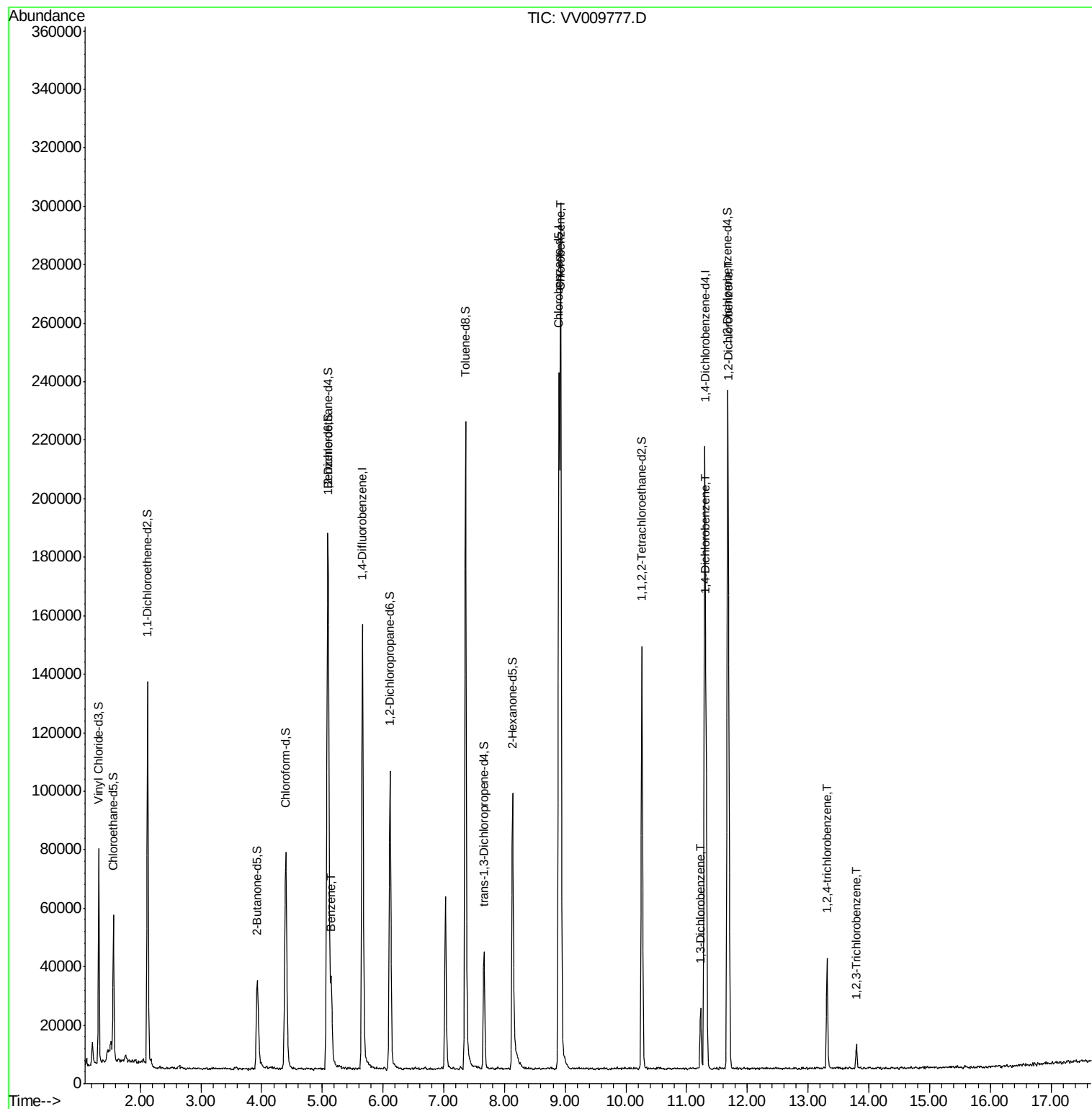
					Ovalue
33) Benzene	5.14	78	25843	7.294	ug/L 100
51) Chlorobenzene	8.93	112	155013	58.472	ug/L 97
62) 1,3-Dichlorobenzene	11.23	146	8553	4.593	ug/L 97
63) 1,4-Dichlorobenzene	11.32	146	39173	20.853	ug/L 98
65) 1,2-Dichlorobenzene	11.69	146	42757	22.505	ug/L 98
68) 1,2,4-trichlorobenzene	13.31	180	11669	14.059	ug/L 99
70) 1,2,3-Trichlorobenzene	13.79	180	2817	3.386	ug/L 96

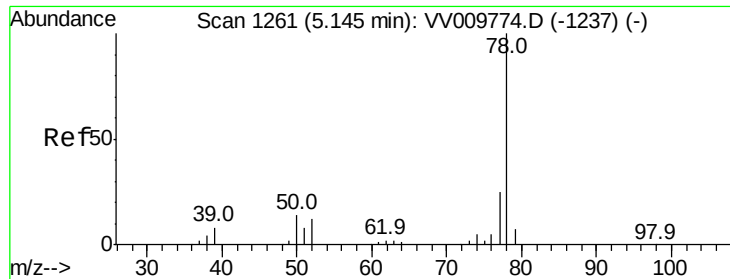
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031919\
Data File : VV009777.D
Acq On : 19 Mar 2019 14:54
Operator : SY/MD
Sample : K1967-01DL 40X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09A9DL

Quant Time: Mar 20 05:37:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 05:16:13 2019
Response via : Initial Calibration





#33

Benzene

Concen: 7.294 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV009777.D

Acq: 19 Mar 2019 14:54

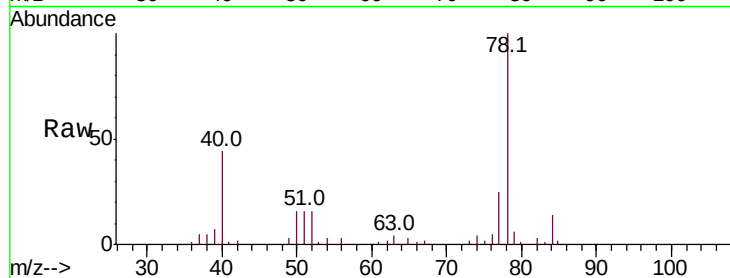
Instrument :

MSVOA_V

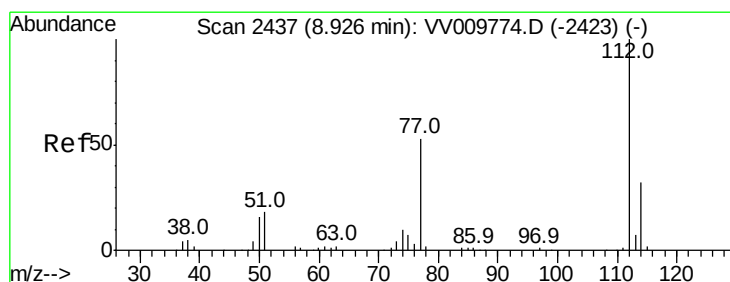
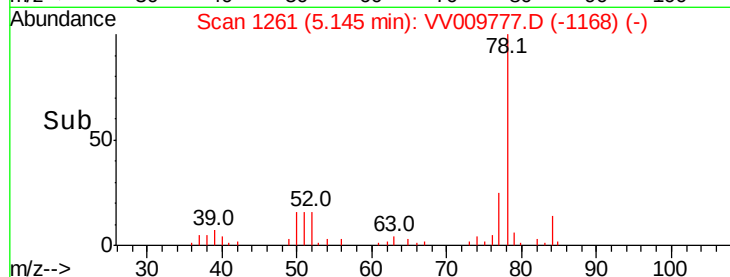
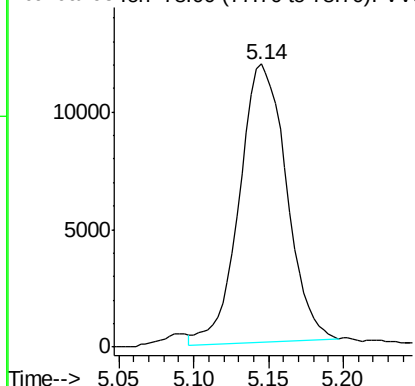
ClientSampleId :

C09A9DL

Tgt Ion: 78 Resp: 25843



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 58.472 ug/L

RT: 8.93 min Scan# 2437

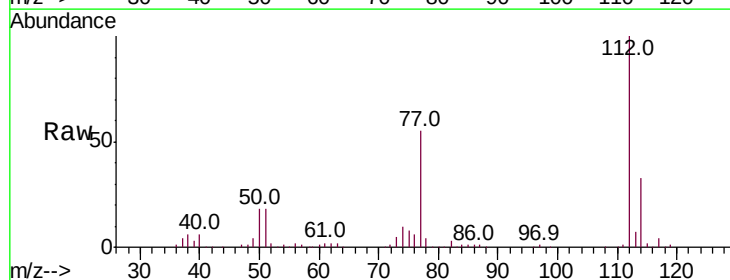
Delta R.T. 0.00 min

Lab File: VV009777.D

Acq: 19 Mar 2019 14:54

Tgt Ion: 112 Resp: 155013

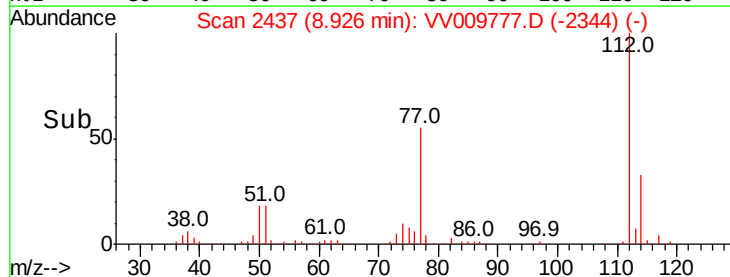
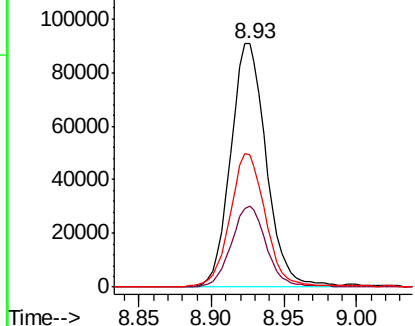
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.5	41.9
77	54.6	45.4	68.2

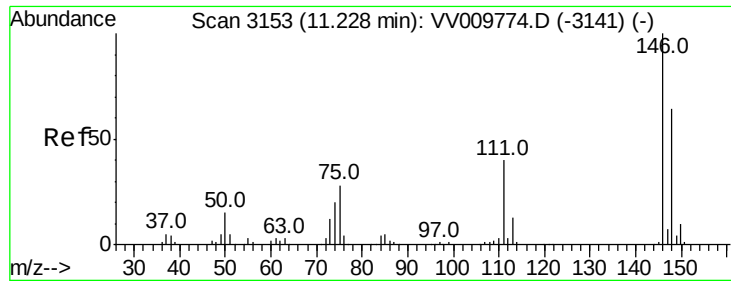


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

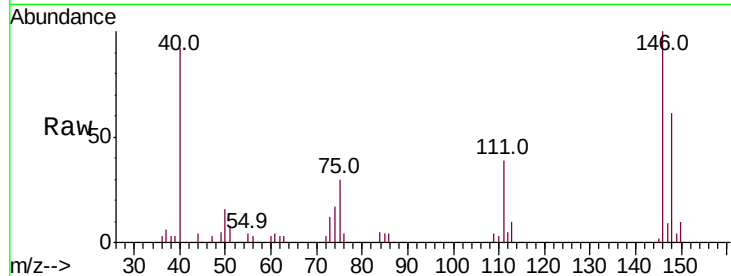




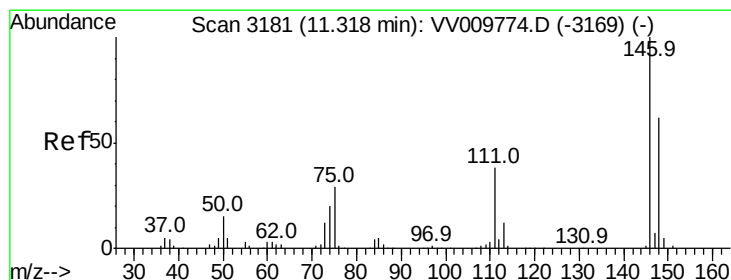
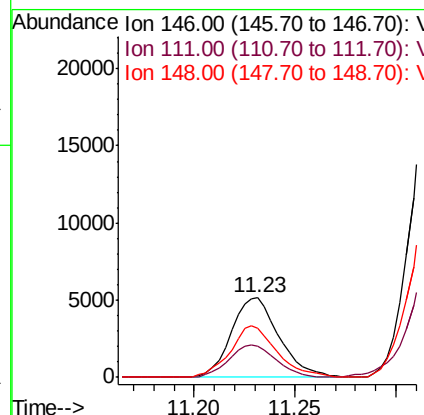
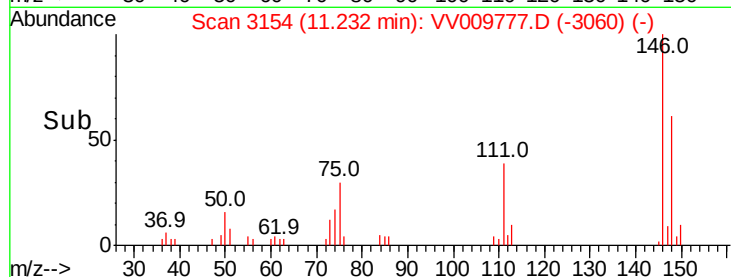
#62
 1,3-Dichlorobenzene
 Concen: 4.593 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV009777.D
 Acq: 19 Mar 2019 14:54

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A9DL

Tot Ion:146 Resp: 8553
 Ion Ratio Lower Upper
 146 100
 111 39.4 28.8 53.4
 148 61.4 44.8 83.2

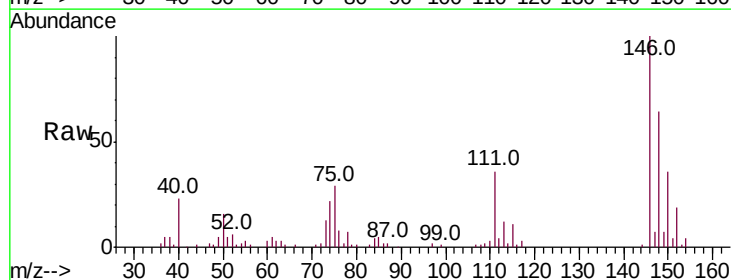


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

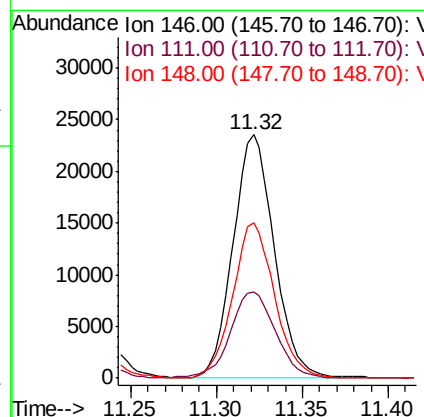
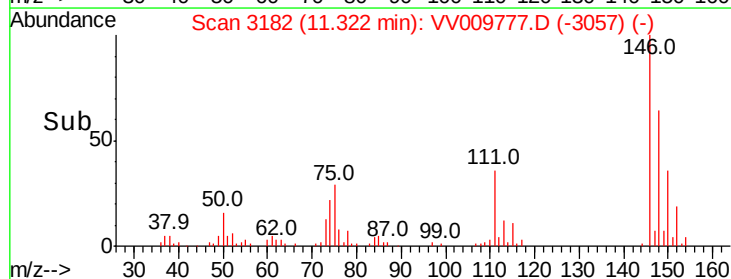


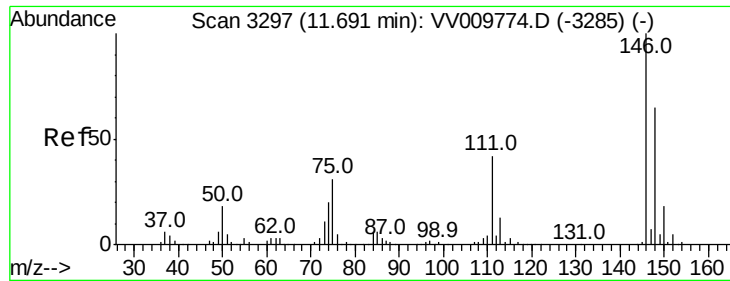
#63
 1,4-Dichlorobenzene
 Concen: 20.853 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV009777.D
 Acq: 19 Mar 2019 14:54

Tgt Ion:146 Resp: 39173
 Ion Ratio Lower Upper
 146 100
 111 35.6 26.7 49.5
 148 63.9 44.3 82.3



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

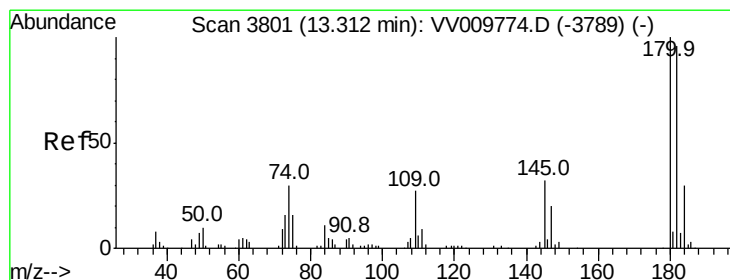
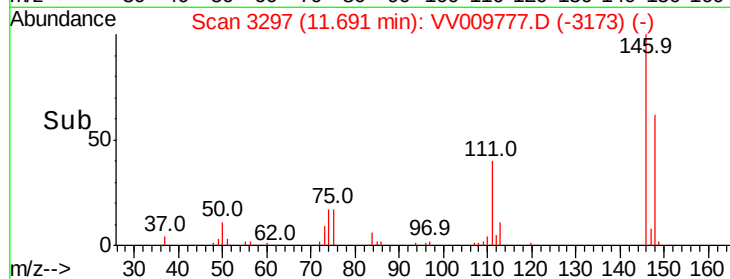
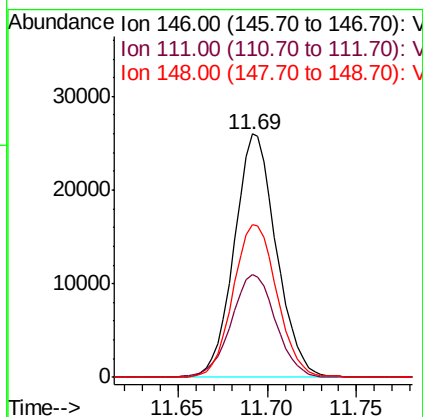
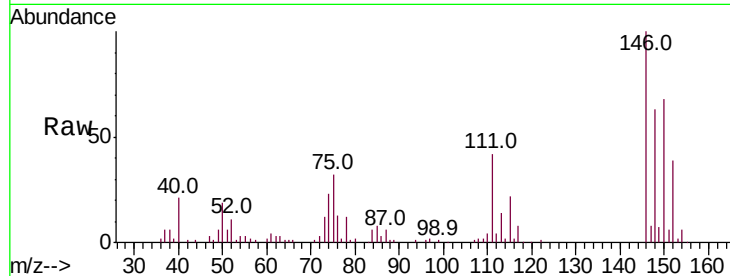




#65
 1,2-Dichlorobenzene
 Concen: 22.505 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009777.D
 Acq: 19 Mar 2019 14:54

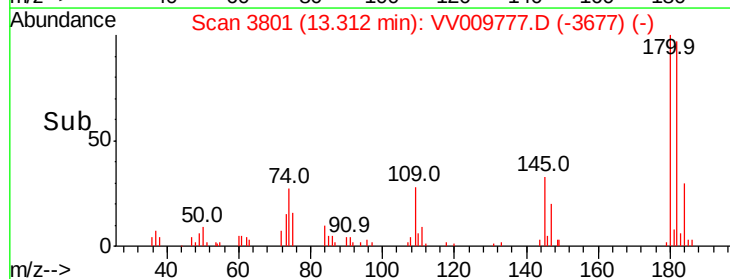
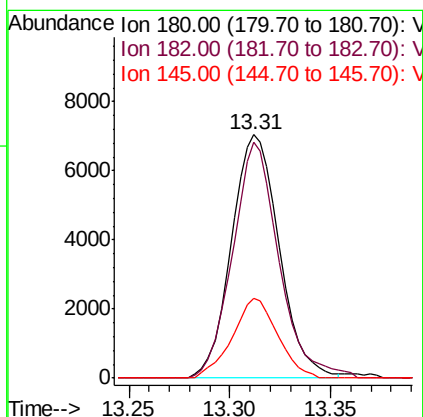
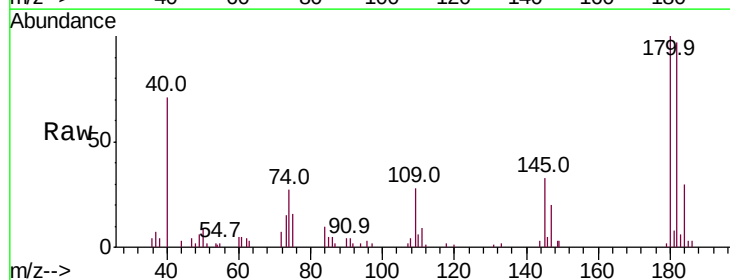
Instrument :
 MSVOA_V
 ClientSampleId :
 C09A9DL

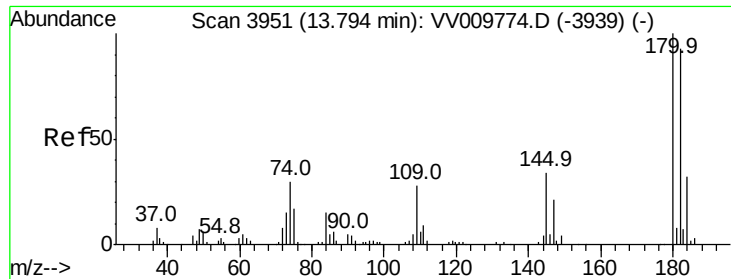
Tot Ion:146 Resp: 42757
 Ion Ratio Lower Upper
 146 100
 111 42.1 32.2 48.4
 148 62.6 49.6 74.4



#68
 1,2,4-trichlorobenzene
 Concen: 14.059 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009777.D
 Acq: 19 Mar 2019 14:54

Tgt Ion:180 Resp: 11669
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.7 113.5
 145 31.1 25.3 37.9





#70

1,2,3-Trichlorobenzene

Concen: 3.386 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV009777.D

Acq: 19 Mar 2019 14:54

Instrument :

MSVOA_V

ClientSampleId :

C09A9DL

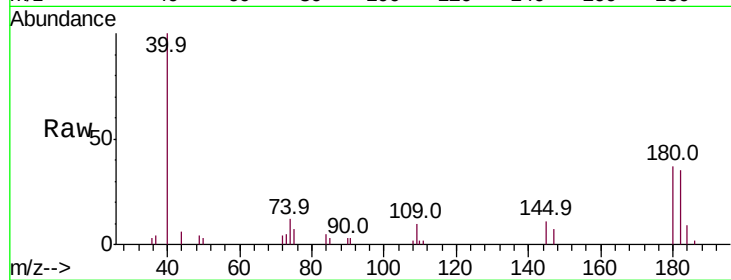
Tot Ion:180 Resp: 2817

Ion Ratio Lower Upper

180 100

182 94.4 73.3 109.9

145 29.6 26.4 39.6



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

