

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031919\
 Data File : VV009778.D
 Acq On : 19 Mar 2019 15:18
 Operator : SY/MD
 Sample : K1967-02DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09B0DL

Quant Time: Mar 20 05:44:09 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	5.67	114	115088	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24918	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.22%
7) Chloroethane-d5	1.56	69	20597	35.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.96%
11) 1,1-Dichloroethene-d2	2.12	63	41366	25.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.06%#
21) 2-Butanone-d5	3.93	46	31272	67.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.66%
24) Chloroform-d	4.40	84	47089	33.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.06%#
26) 1,2-Dichloroethane-d4	5.08	65	29580	34.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.38%#
32) Benzene-d6	5.10	84	101835	35.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.72%
36) 1,2-Dichloropropane-d6	6.12	67	30650	34.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.92%#
41) Toluene-d8	7.36	98	95191	34.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.70%#
43) trans-1,3-Dichloropropene-	7.67	79	13285	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
47) 2-Hexanone-d5	8.13	63	22425	62.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	62.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43011	32.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	64.68%#
64) 1,2-Dichlorobenzene-d4	11.68	152	34134	37.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.62%#

Target Compounds

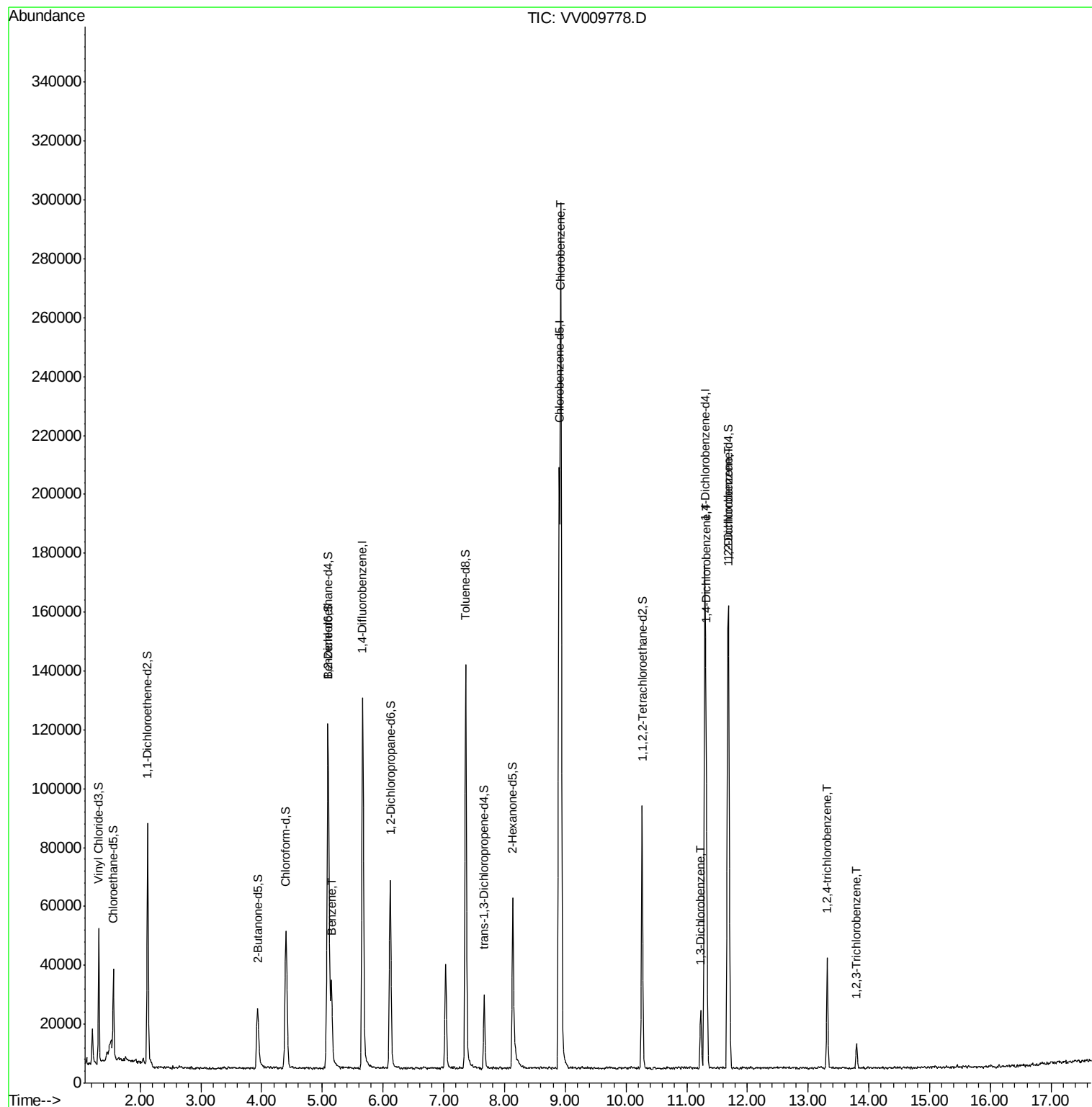
					Ovalue
33) Benzene	5.15	78	25050	8.327 ug/L	100
51) Chlorobenzene	8.93	112	155974	69.297 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	8344	5.701 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	36767	24.899 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	42880	28.712 ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	11087	16.994 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	2801	4.283 ug/L	96

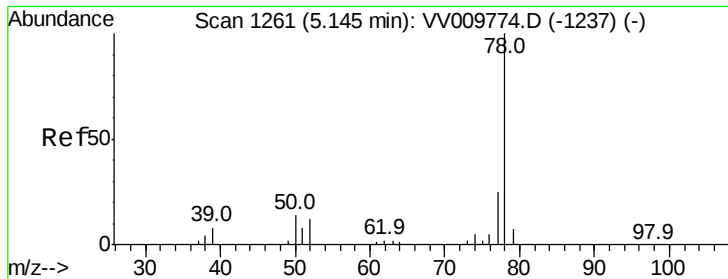
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031919\
Data File : VV009778.D
Acq On : 19 Mar 2019 15:18
Operator : SY/MD
Sample : K1967-02DL 40X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL

Quant Time: Mar 20 05:44:09 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

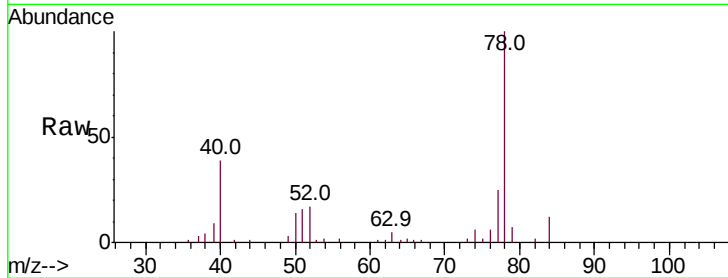




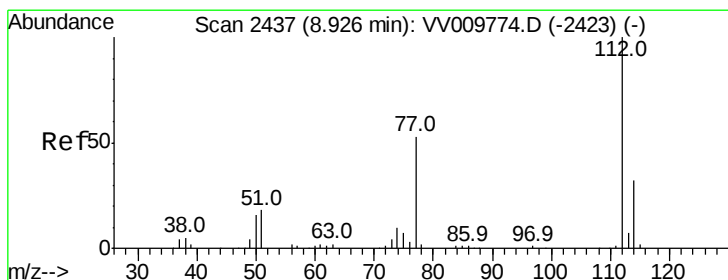
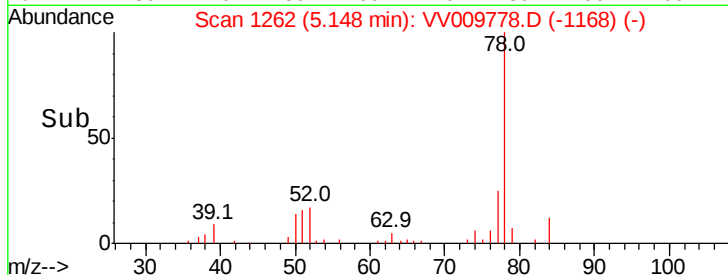
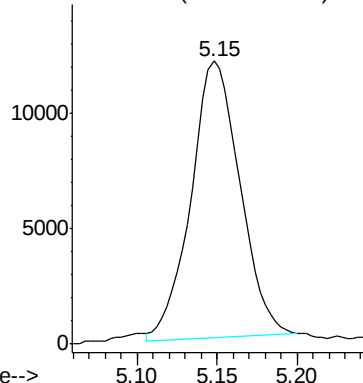
#33
Benzene
Concen: 8.327 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion: 78 Resp: 25050

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL



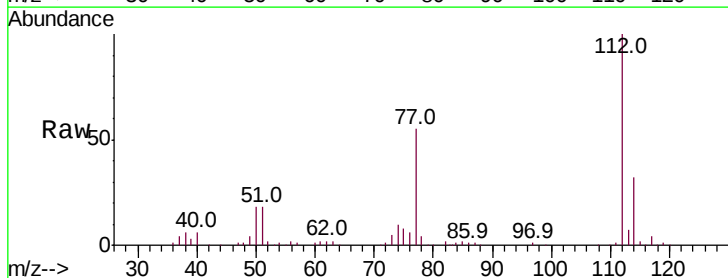
Abundance Ion 78.00 (77.70 to 78.70): VV0



#51
Chlorobenzene
Concen: 69.297 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV009778.D
Acq: 19 Mar 2019 15:18

Tgt Ion: 112 Resp: 155974

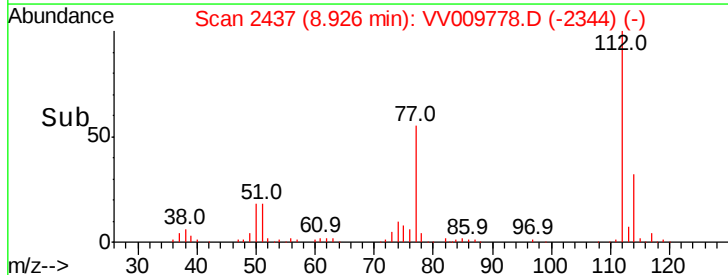
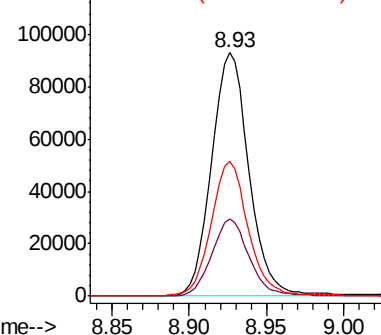
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.9
77	55.3	45.4	68.2

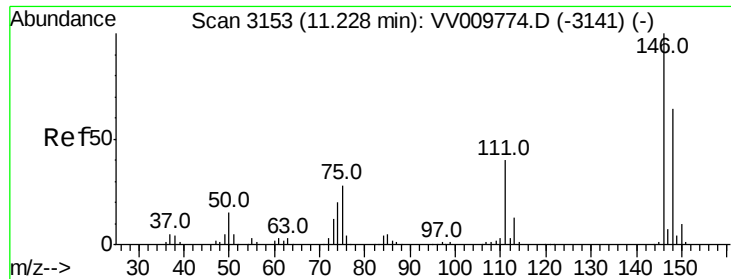


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 5.701 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV009778.D

Acq: 19 Mar 2019 15:18

Instrument :

MSVOA_V

ClientSampled :

C09B0DL

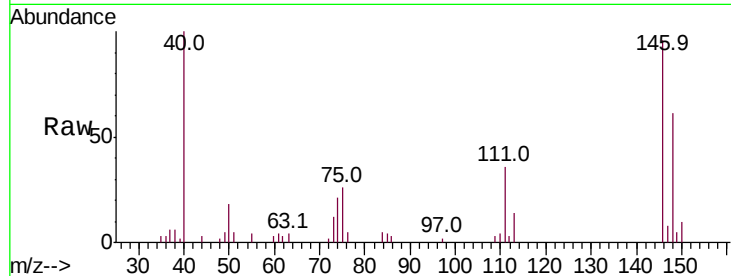
Tot Ion:146 Resp: 8344

Ion Ratio Lower Upper

146 100

111 37.3 28.8 53.4

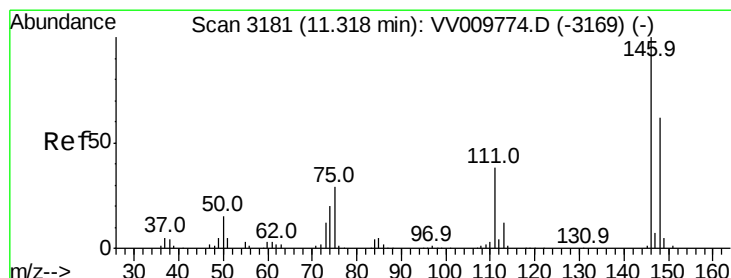
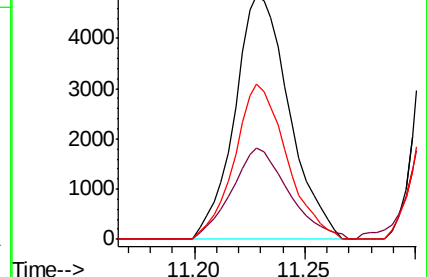
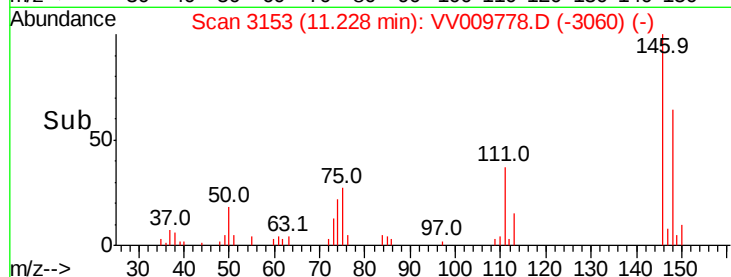
148 63.6 44.8 83.2



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: 24.899 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV009778.D

Acq: 19 Mar 2019 15:18

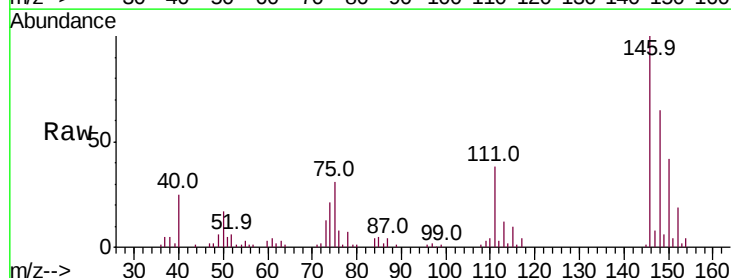
Tgt Ion:146 Resp: 36767

Ion Ratio Lower Upper

146 100

111 38.2 26.7 49.5

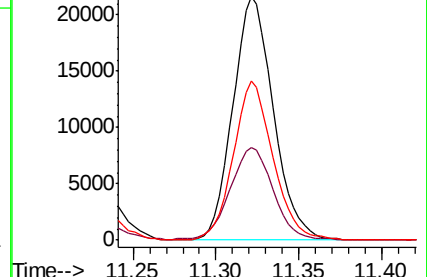
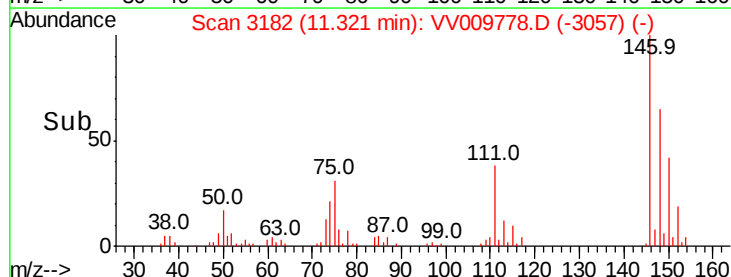
148 65.4 44.3 82.3

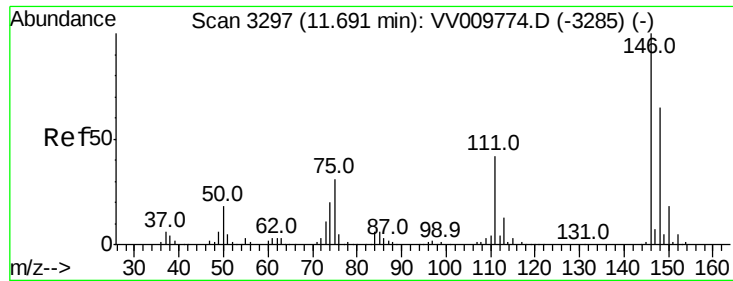


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

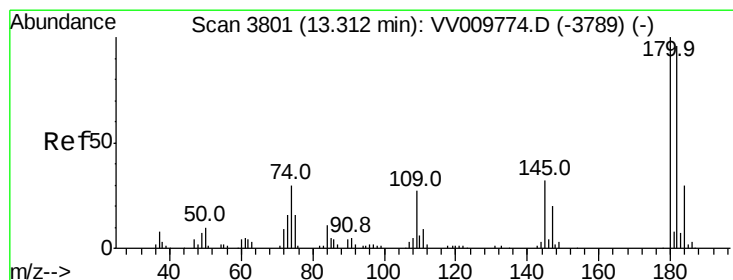
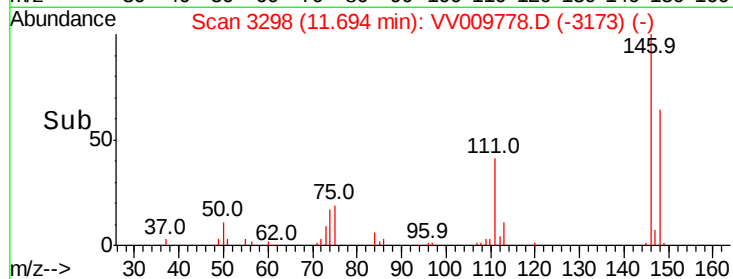
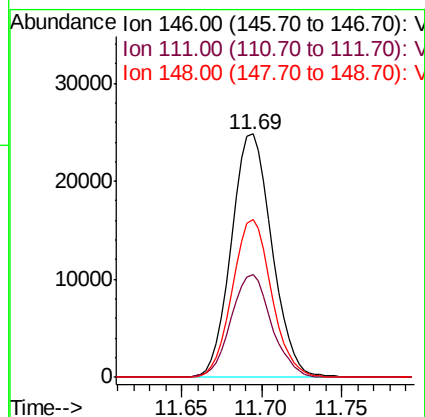
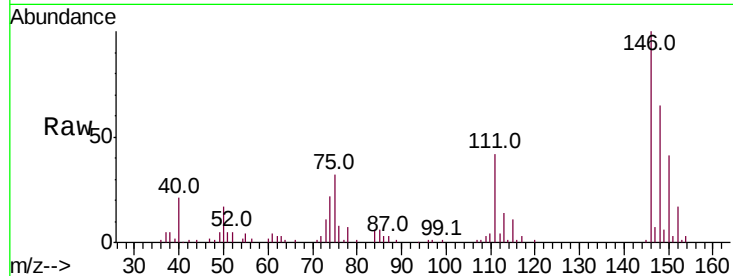




#65
 1,2-Dichlorobenzene
 Concen: 28.712 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV009778.D
 Acq: 19 Mar 2019 15:18

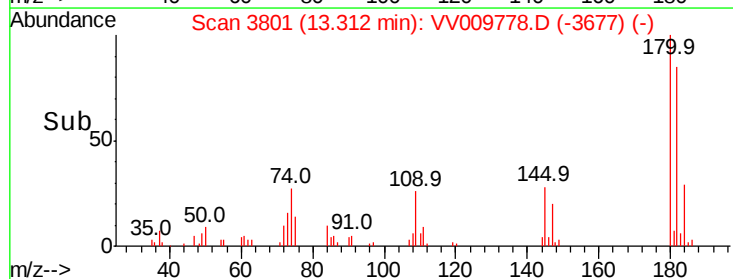
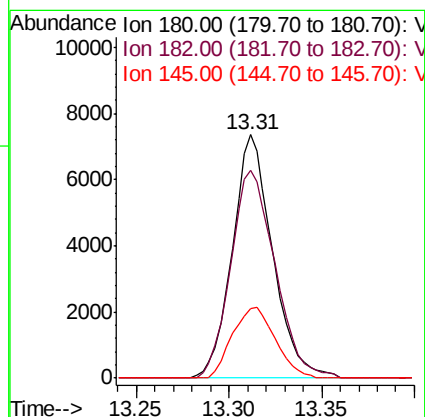
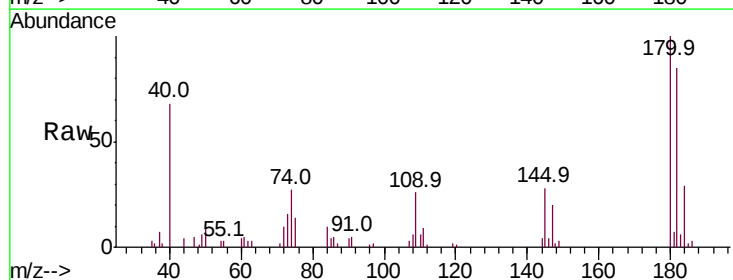
Instrument :
 MSVOA_V
 ClientSampleId :
 C09B0DL

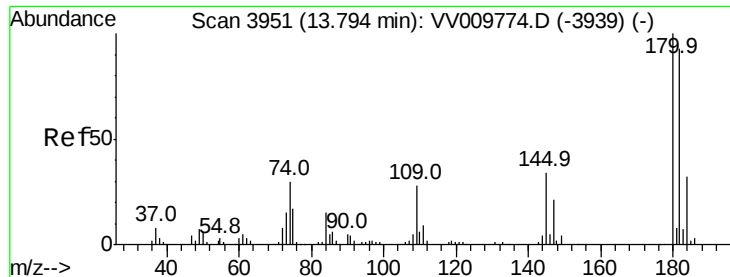
Tot Ion:146 Resp: 42880
 Ion Ratio Lower Upper
 146 100
 111 42.3 32.2 48.4
 148 65.0 49.6 74.4



#68
 1,2,4-trichlorobenzene
 Concen: 16.994 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV009778.D
 Acq: 19 Mar 2019 15:18

Tgt Ion:180 Resp: 11087
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.7 113.5
 145 31.0 25.3 37.9





#70

1,2,3-Trichlorobenzene

Concen: 4.283 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.01 min

Lab File: VV009778.D

Acq: 19 Mar 2019 15:18

Instrument :

MSVOA_V

ClientSampleId :

C09B0DL

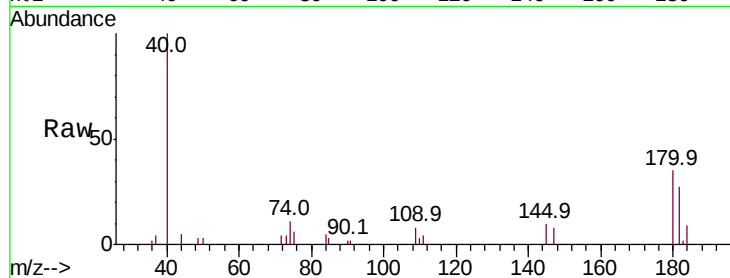
Tot Ion:180 Resp: 2801

Ion Ratio Lower Upper

180 100

182 86.8 73.3 109.9

145 33.6 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

