

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031919\
 Data File : VV009781.D
 Acq On : 19 Mar 2019 16:30
 Operator : SY/MD
 Sample : K1967-02DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09B0DL

Quant Time: Mar 20 05:53:58 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	151096	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57378	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41844	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.14%
7) Chloroethane-d5	1.56	69	34107	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.12	63	70129	32.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.66%
21) 2-Butanone-d5	3.93	46	53340	87.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.90%
24) Chloroform-d	4.40	84	81277	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.08	65	51697	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
32) Benzene-d6	5.10	84	170355	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.12	67	52265	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.80%
41) Toluene-d8	7.36	98	160726	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%
43) trans-1,3-Dichloropropene-	7.66	79	22787	42.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.56%
47) 2-Hexanone-d5	8.14	63	37898	82.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74031	43.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	56737	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%

Target Compounds

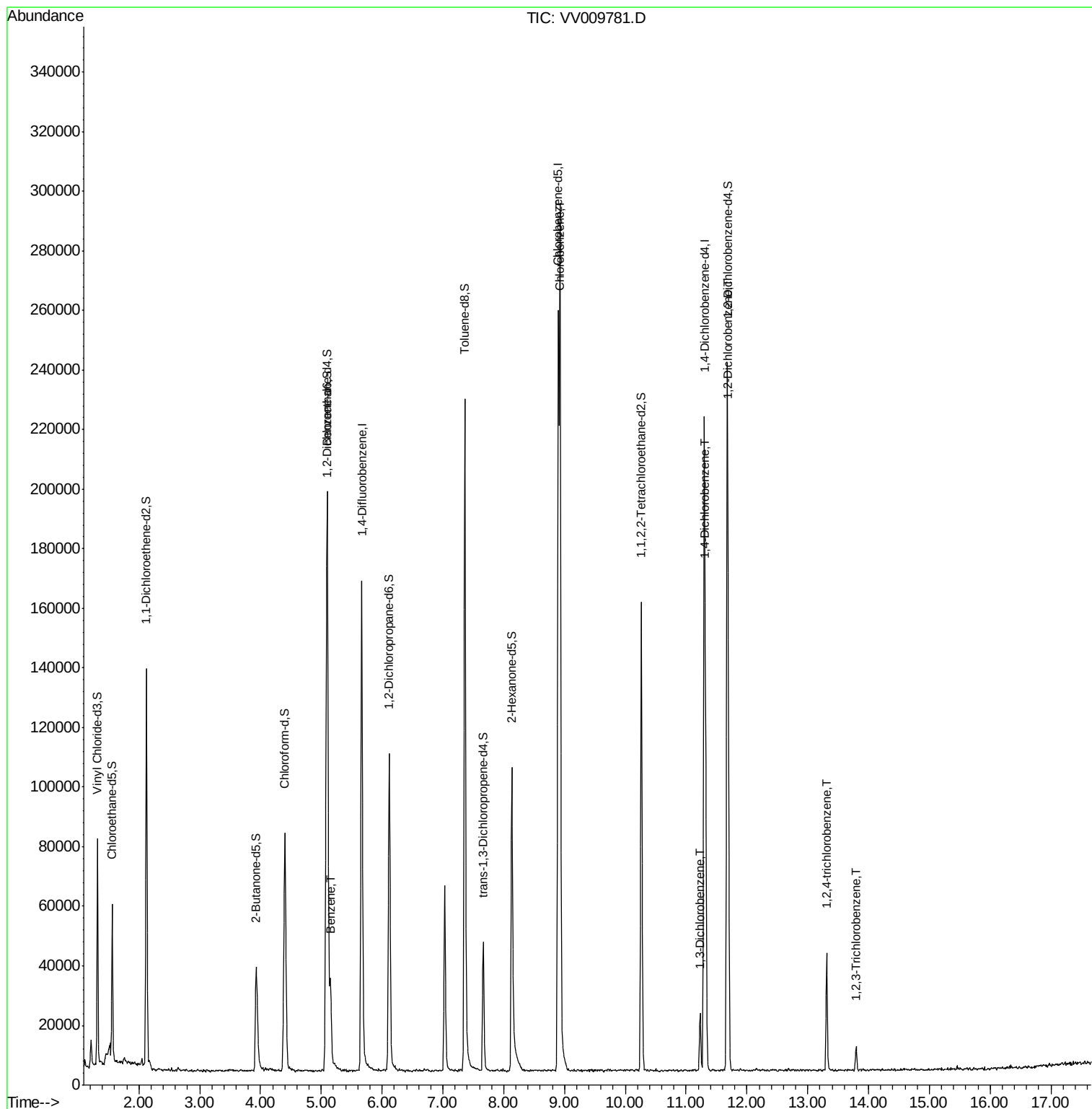
					Ovalue
33) Benzene	5.15	78	27604	7.143 ug/L	100
51) Chlorobenzene	8.93	112	155774	53.871 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	8609	4.573 ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	37041	19.505 ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	41456	21.584 ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	12136	14.464 ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	2830	3.364 ug/L #	59

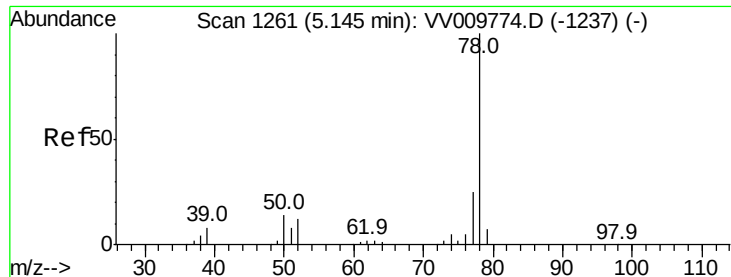
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 20 05:16:13 2019
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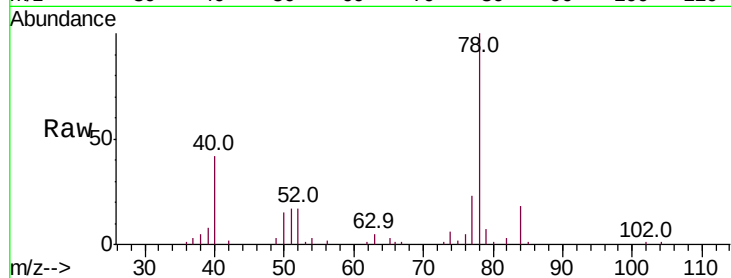




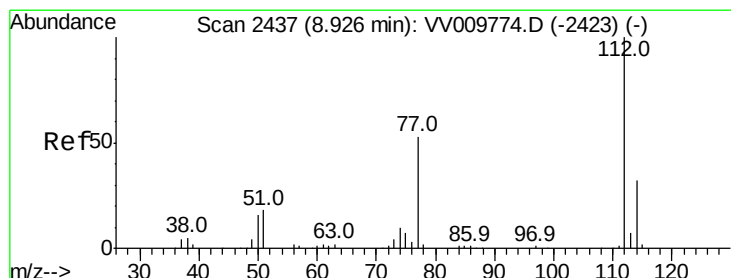
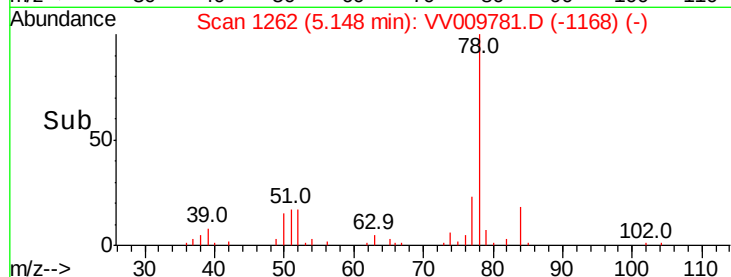
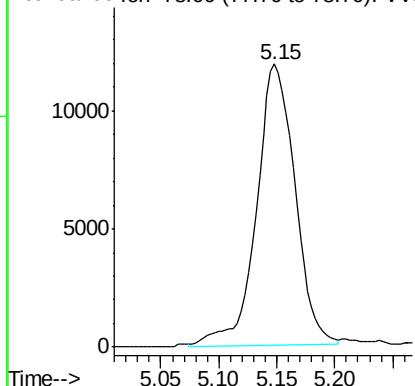
#33
Benzene
Concen: 7.143 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009781.D
Acq: 19 Mar 2019 16:30

Tgt Ion: 78 Resp: 27604

Instrument :
MSVOA_V
ClientSampleId :
C09B0DL



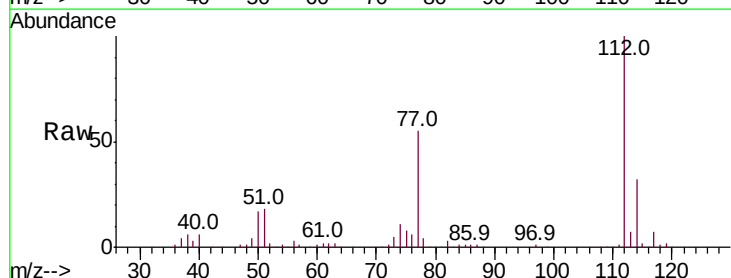
Abundance Ion 78.00 (77.70 to 78.70): VV0



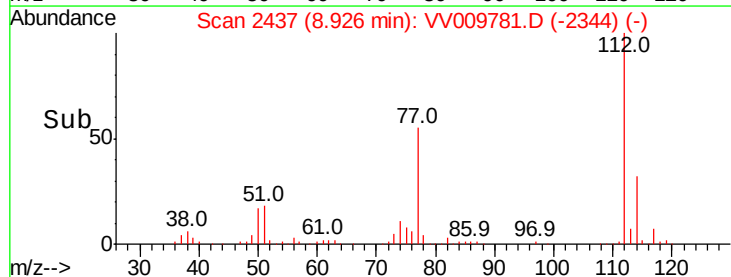
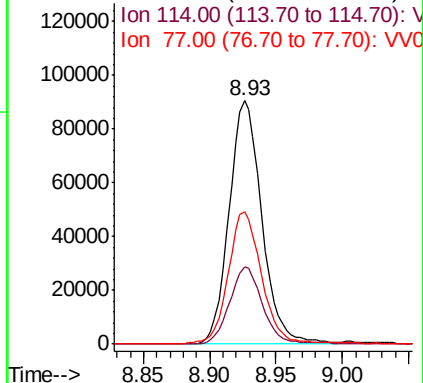
#51
Chlorobenzene
Concen: 53.871 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV009781.D
Acq: 19 Mar 2019 16:30

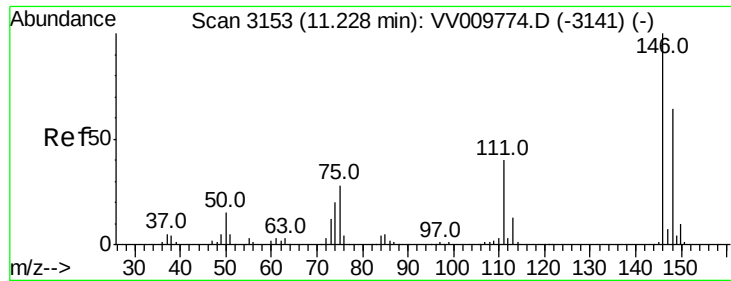
Tgt Ion: 112 Resp: 155774

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.9
77	54.6	45.4	68.2



Abundance Ion 112.00 (111.70 to 112.70): V

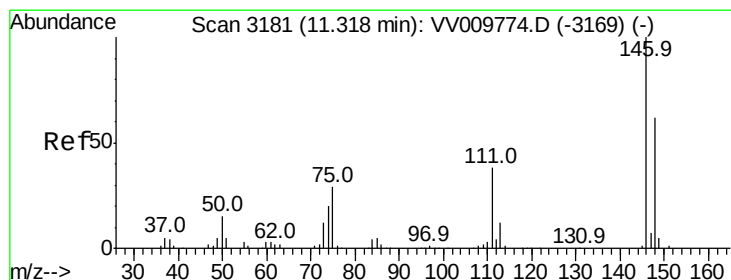
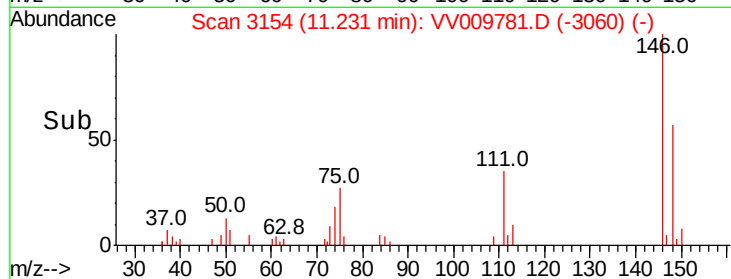
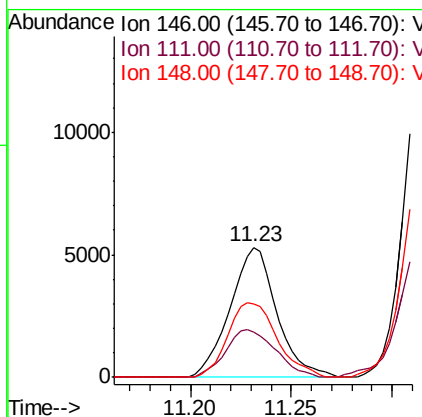
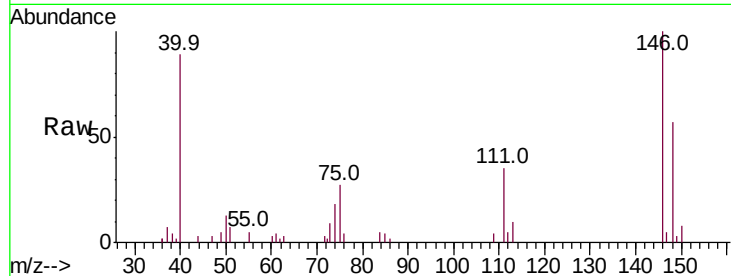




#62
 1,3-Dichlorobenzene
 Concen: 4.573 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV009781.D
 Acq: 19 Mar 2019 16:30

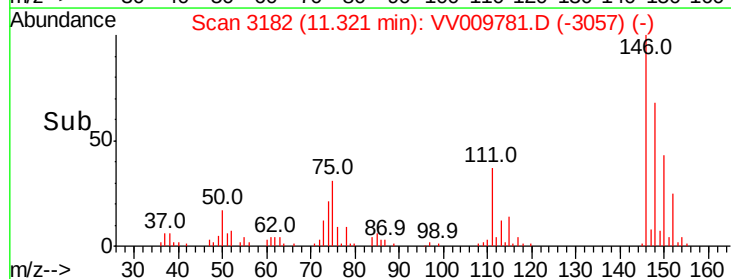
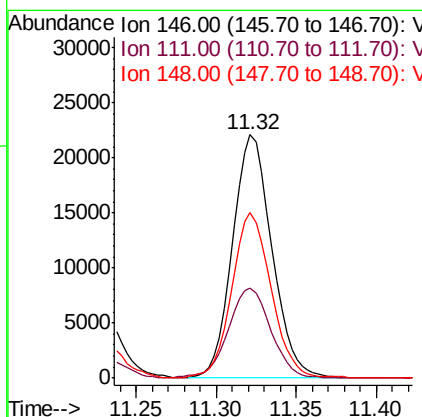
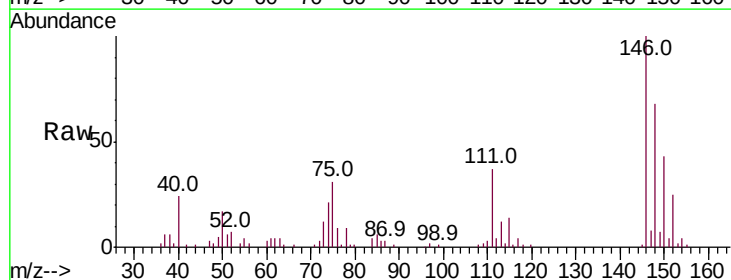
Instrument :
 MSVOA_V
 ClientSampled :
 C09B0DL

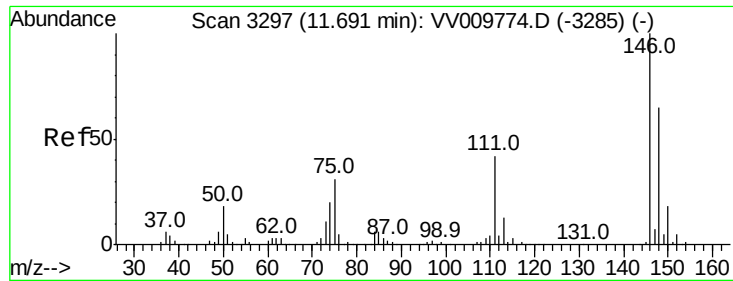
Tot Ion:146 Resp: 8609
 Ion Ratio Lower Upper
 146 100
 111 34.7 28.8 53.4
 148 56.9 44.8 83.2



#63
 1,4-Dichlorobenzene
 Concen: 19.505 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV009781.D
 Acq: 19 Mar 2019 16:30

Tgt Ion:146 Resp: 37041
 Ion Ratio Lower Upper
 146 100
 111 36.9 26.7 49.5
 148 67.7 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 21.584 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV009781.D

Acq: 19 Mar 2019 16:30

Instrument :

MSVOA_V

ClientSampleId :

C09B0DL

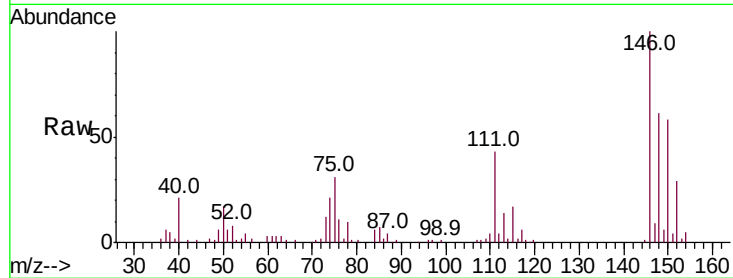
Tot Ion:146 Resp: 41456

Ion Ratio Lower Upper

146 100

111 42.9 32.2 48.4

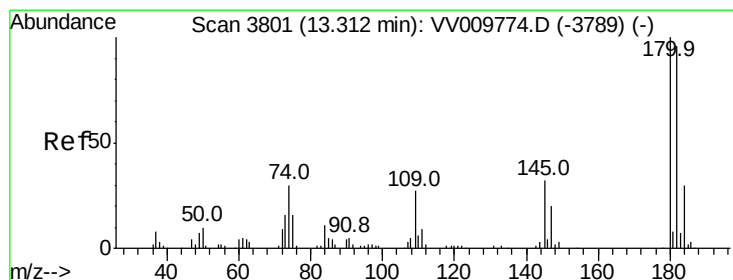
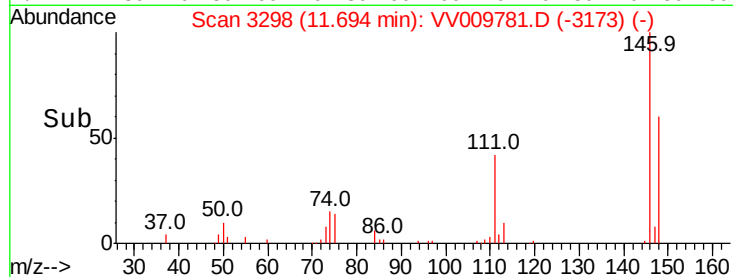
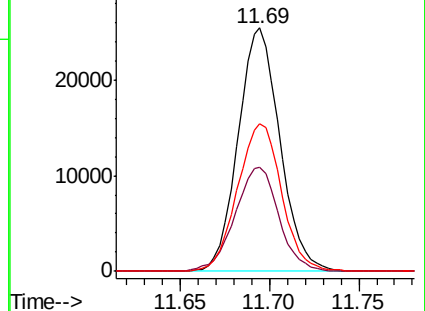
148 60.9 49.6 74.4



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: 14.464 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. -0.00 min

Lab File: VV009781.D

Acq: 19 Mar 2019 16:30

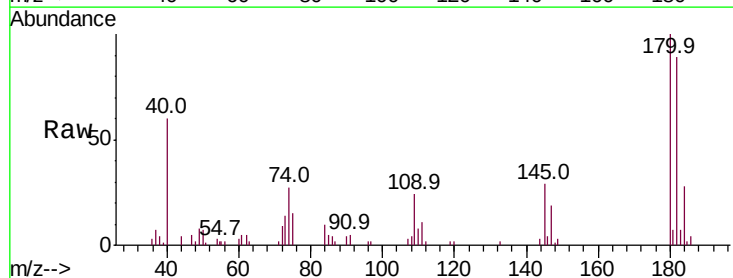
Tgt Ion:180 Resp: 12136

Ion Ratio Lower Upper

180 100

182 90.3 75.7 113.5

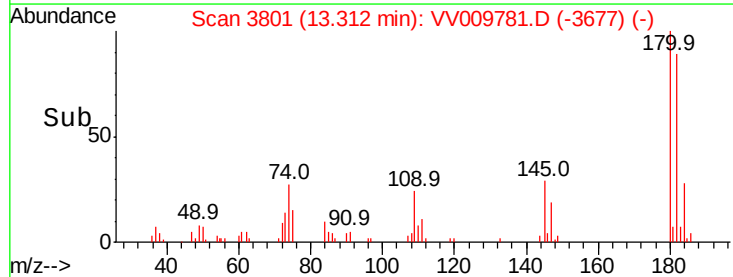
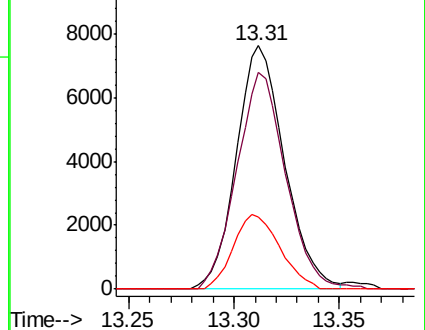
145 29.5 25.3 37.9

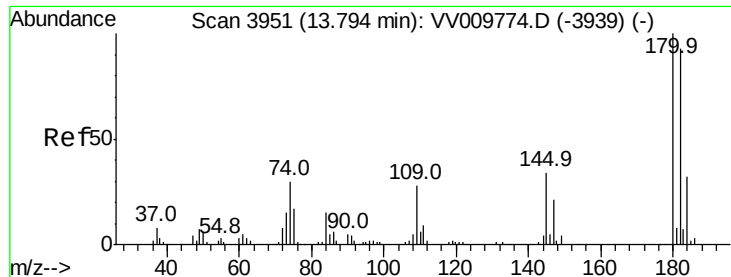


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 3.364 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. -0.00 min

Lab File: VV009781.D

Acq: 19 Mar 2019 16:30

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MSVOA_V

ClientSampleId :

C09B0DL

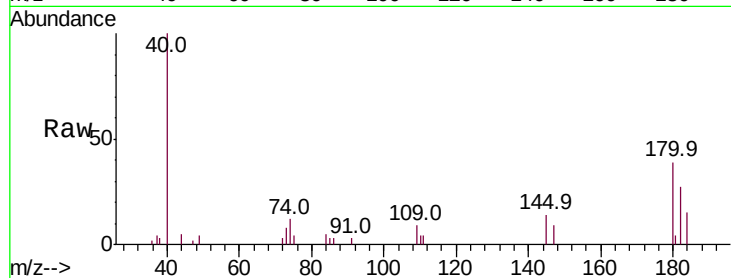
Tot Ion:180 Resp: 2830

Ion Ratio Lower Upper

180 100

182 40.5 73.3 109.9#

145 29.9 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

