

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009879.D
 Acq On : 25 Mar 2019 22:46
 Operator : SY/MD
 Sample : K2070-16 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09E2

Quant Time: Mar 26 08:39:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	174690	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88327	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.04%
7) Chloroethane-d5	1.56	69	100999	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.64%
11) 1,1-Dichloroethene-d2	2.12	63	191248	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.74%
21) 2-Butanone-d5	3.93	46	77933	97.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.89%
24) Chloroform-d	4.40	84	116642	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.08	65	82042	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.10	84	245617	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
36) 1,2-Dichloropropane-d6	6.12	67	75229	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.68%
41) Toluene-d8	7.36	98	222409	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%
43) trans-1,3-Dichloropropene-	7.67	79	28806	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.14	63	56067	94.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101742	43.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	80023	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%

Target Compounds

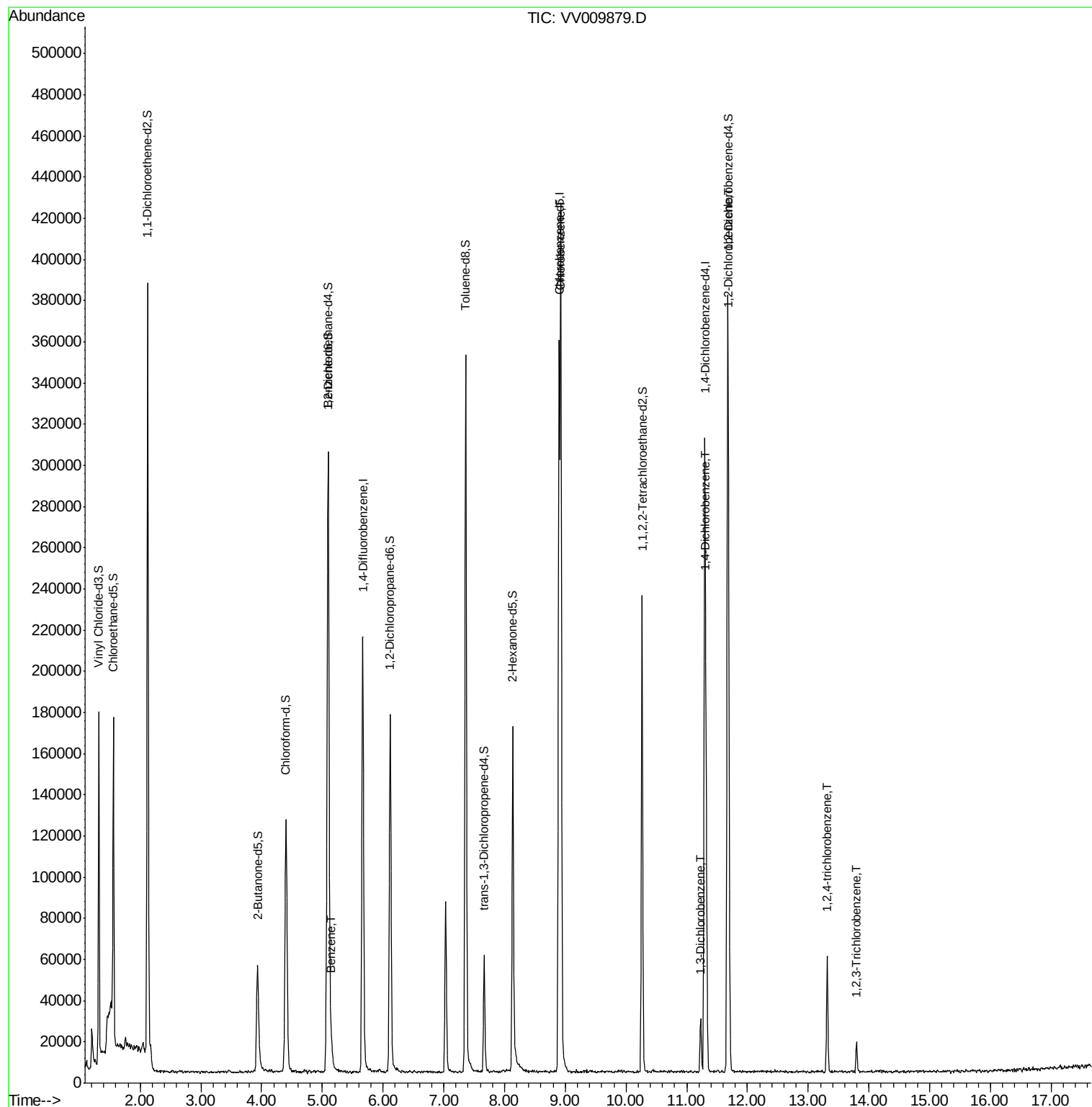
					Ovalue
33) Benzene	5.14	78	10417	2.059	ug/L 100
51) Chlorobenzene	8.93	112	206441	53.857	ug/L 98
62) 1,3-Dichlorobenzene	11.23	146	9744	3.938	ug/L 90
63) 1,4-Dichlorobenzene	11.32	146	47068	18.142	ug/L 99
65) 1,2-Dichlorobenzene	11.69	146	61515	23.531	ug/L 97
68) 1,2,4-trichlorobenzene	13.31	180	14552	10.818	ug/L 98
70) 1,2,3-Trichlorobenzene	13.79	180	4124	3.031	ug/L 95

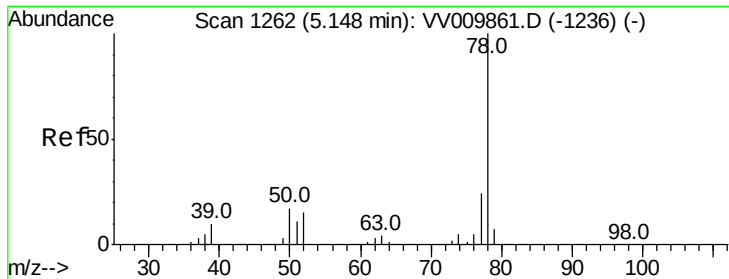
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration





#33

Benzene

Concen: 2.059 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV009879.D

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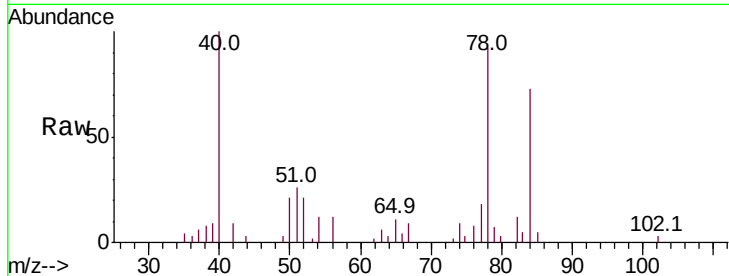
Instrument :

MSVOA_V

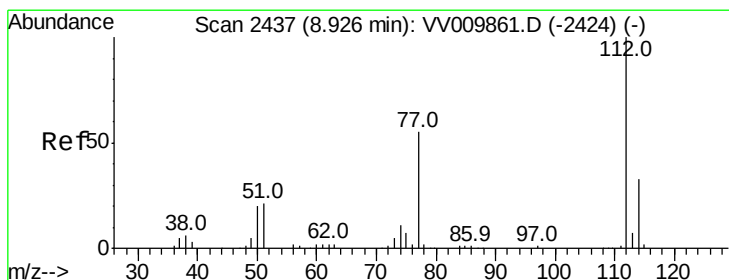
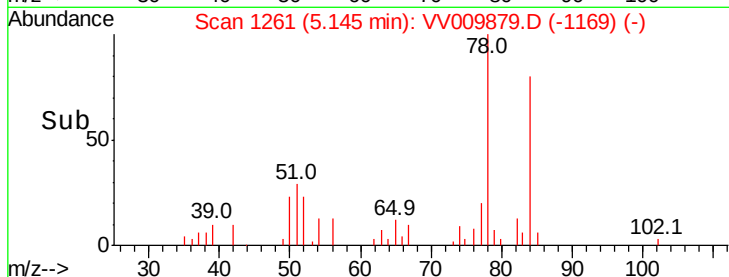
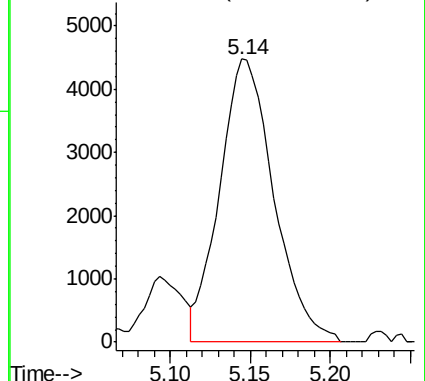
ClientSampleId :

C09E2

Tgt Ion: 78 Resp: 10417



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 53.857 ug/L

RT: 8.93 min Scan# 2437

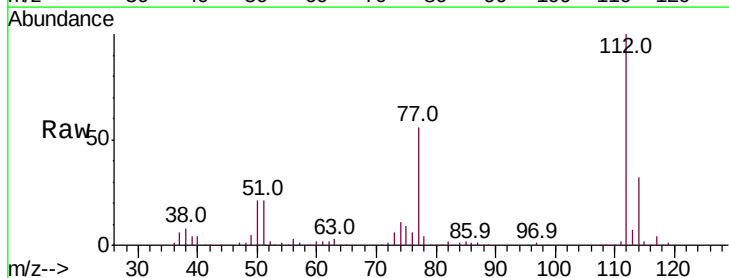
Delta R.T. 0.00 min

Lab File: VV009879.D

Acq: 25 Mar 2019 22:46

Tgt Ion: 112 Resp: 206441

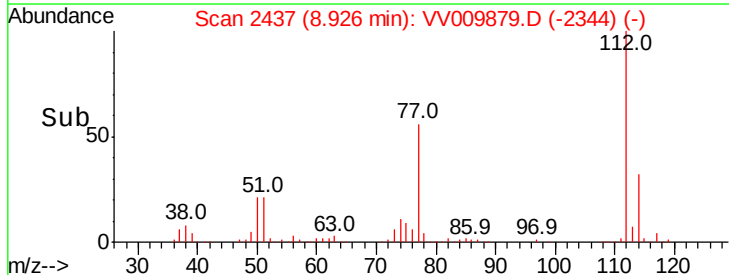
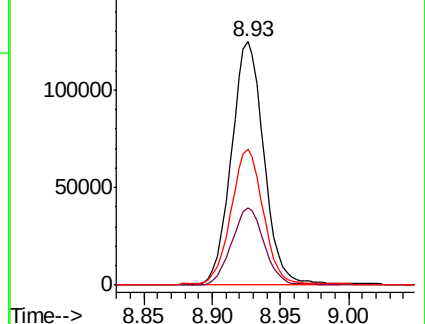
Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.3	43.3
77	56.1	45.8	68.6

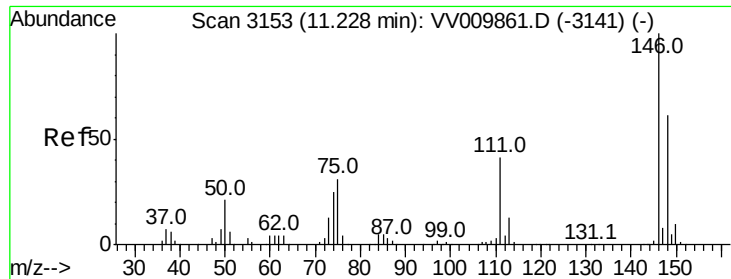


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 3.938 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV009879.D

Acq: 25 Mar 2019 22:46

Instrument :

MSVOA_V

ClientSampleId :

C09E2

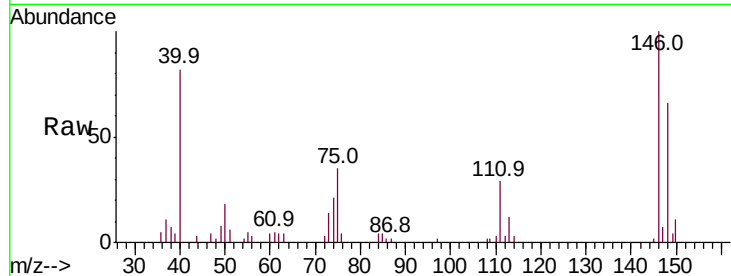
Tot Ion:146 Resp: 9744

Ion Ratio Lower Upper

146 100

111 28.7 27.5 51.1

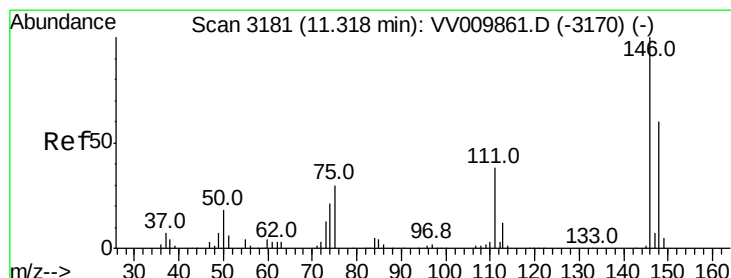
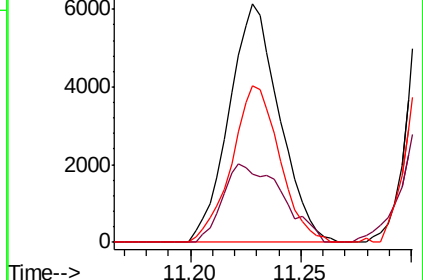
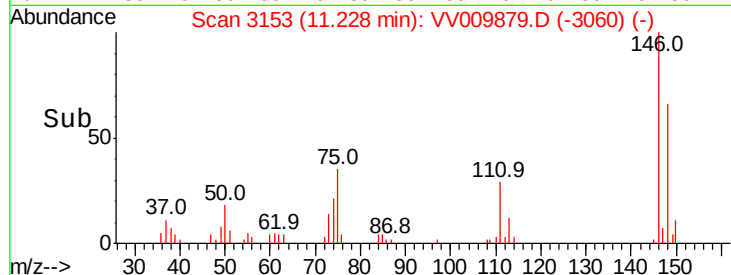
148 65.6 43.0 80.0



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: 18.142 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV009879.D

Acq: 25 Mar 2019 22:46

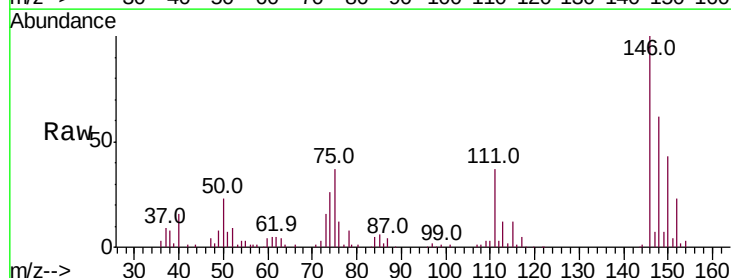
Tgt Ion:146 Resp: 47068

Ion Ratio Lower Upper

146 100

111 37.0 26.5 49.3

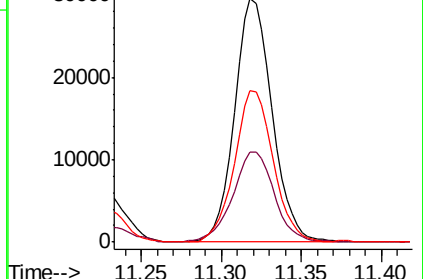
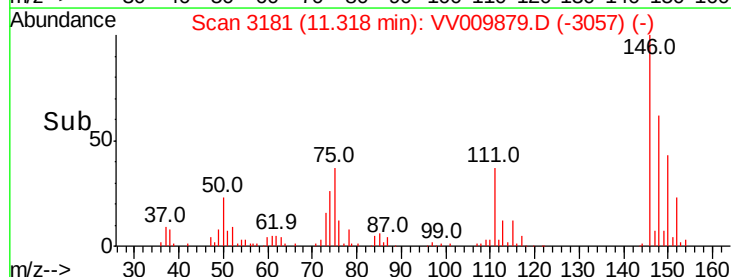
148 62.3 43.2 80.2

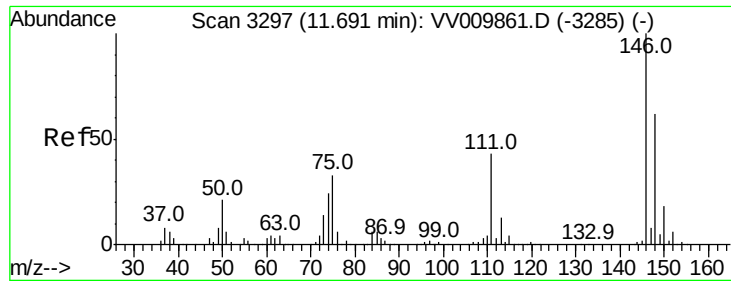


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

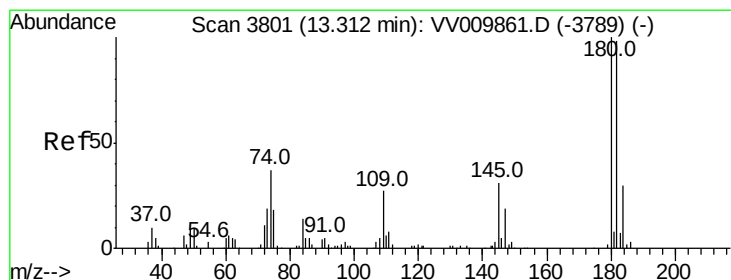
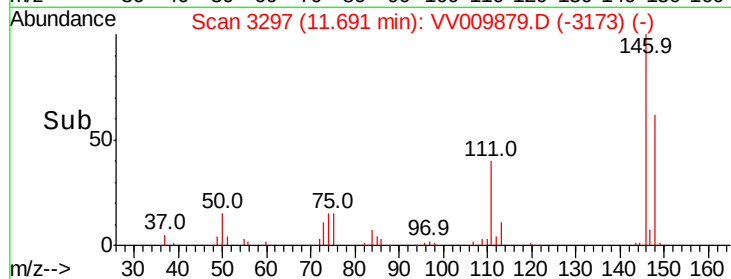
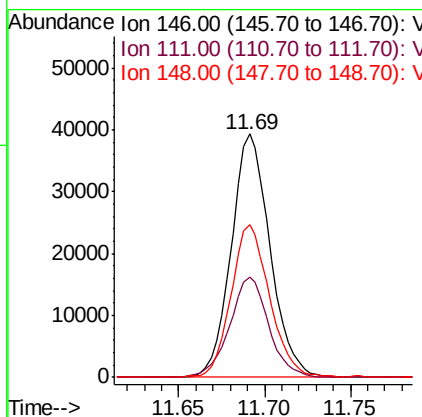
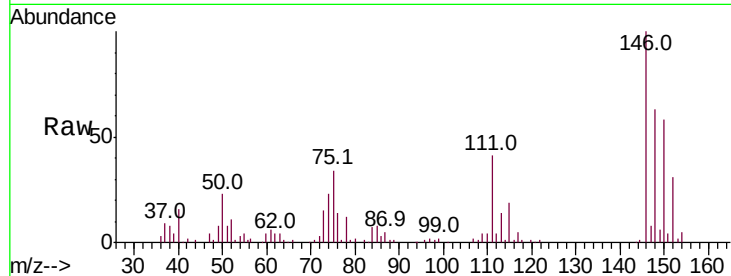




#65
 1,2-Dichlorobenzene
 Concen: 23.531 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009879.D
 Acq: 25 Mar 2019 22:46

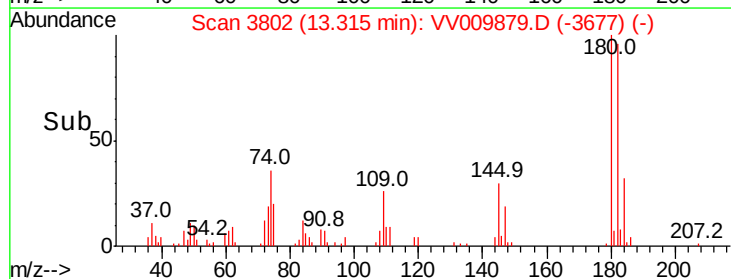
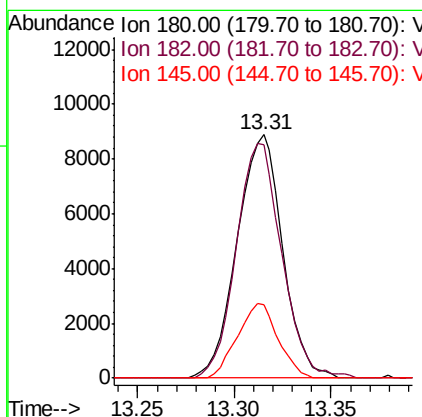
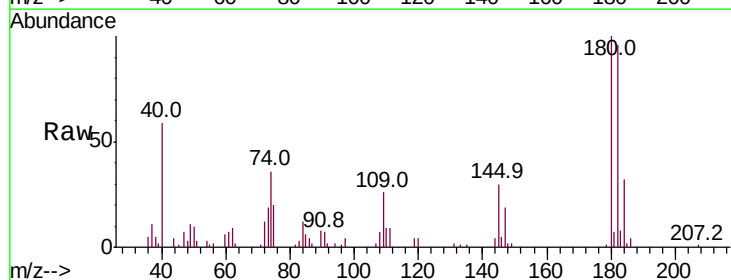
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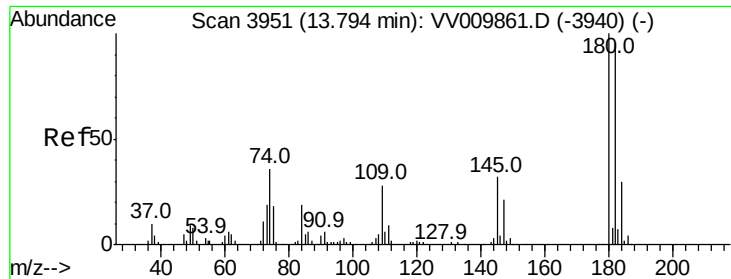
Tot Ion:146 Resp: 61515
 Ion Ratio Lower Upper
 146 100
 111 41.3 33.0 49.6
 148 63.0 53.2 79.8



#68
 1,2,4-trichlorobenzene
 Concen: 10.818 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009879.D
 Acq: 25 Mar 2019 22:46

Tgt Ion:180 Resp: 14552
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.1 115.7
 145 27.4 24.3 36.5





#70

1,2,3-Trichlorobenzene

Concen: 3.031 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV009879.D

Acq: 25 Mar 2019 22:46

Instrument :

MSVOA_V

ClientSampleId :

C09E2

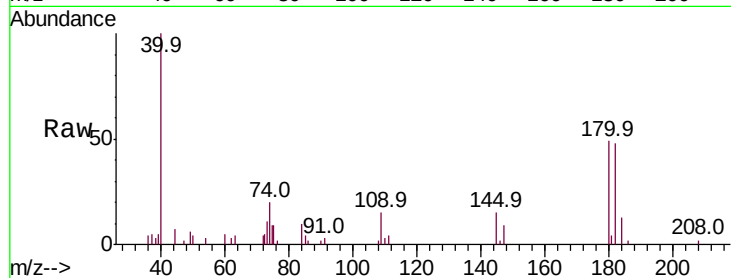
Tot Ion:180 Resp: 4124

Ion Ratio Lower Upper

180 100

182 88.5 75.6 113.4

145 29.5 24.8 37.2



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

