

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015117.D
 Acq On : 24 Mar 2020 12:35
 Operator : SY/MD
 Sample : L1941-17DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL7DL

Quant Time: Mar 25 02:23:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	767519	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	738883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	358337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293825	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.90%
7) Chloroethane-d5	1.58	69	262933	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.64%
11) 1,1-Dichloroethene-d2	2.12	63	430934	36.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.82%
21) 2-Butanone-d5	3.94	46	386429	83.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.66%
24) Chloroform-d	4.38	84	475225	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.06	65	303928	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
32) Benzene-d6	5.08	84	988354	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
36) 1,2-Dichloropropane-d6	6.09	67	316294	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.38%
41) Toluene-d8	7.34	98	958347	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.64	79	169103	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.11	63	312547	84.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	439484	42.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	364507	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%

Target Compounds

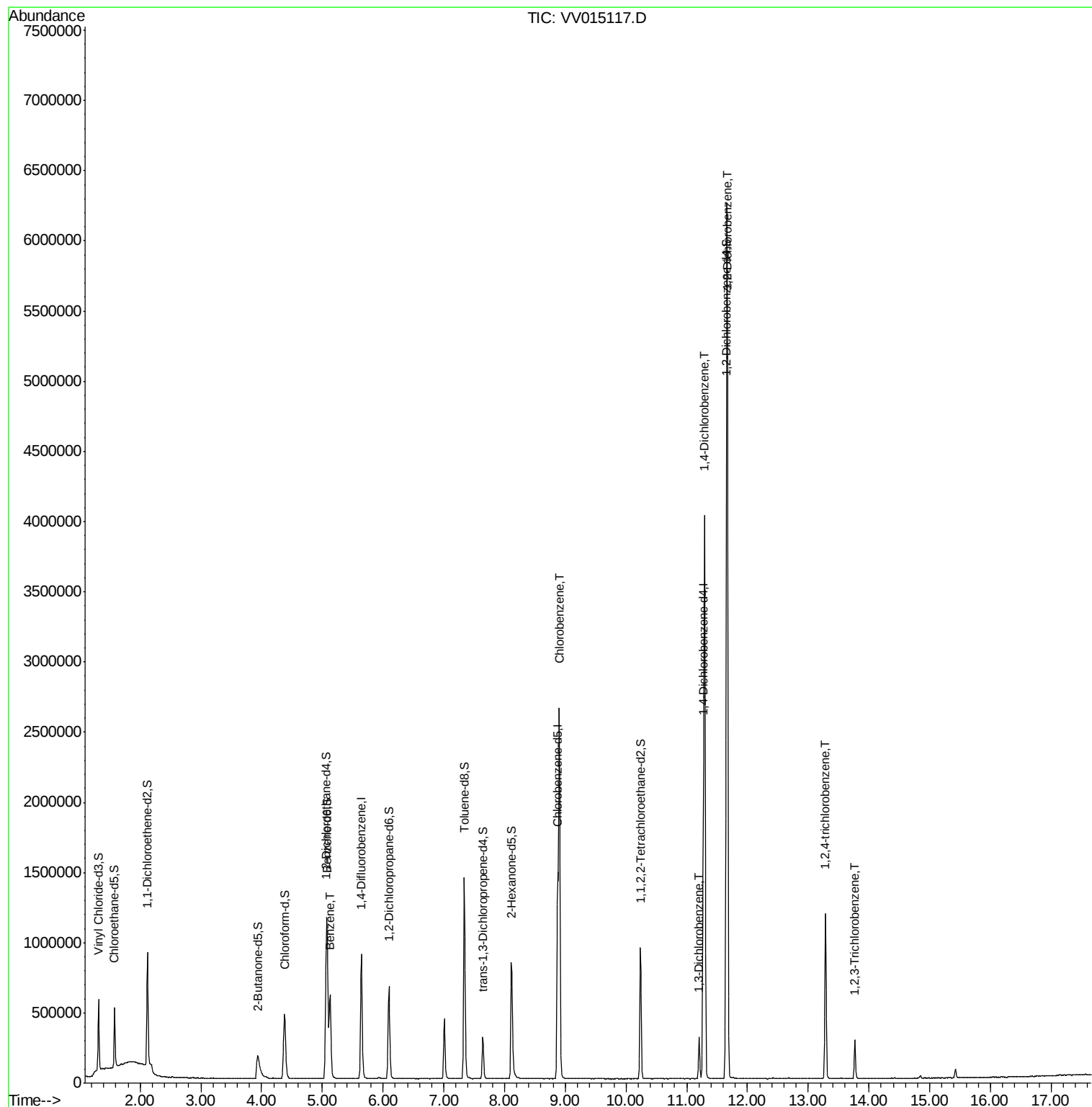
					Ovalue
33) Benzene	5.13	78	597824	26.646	ug/L 100
51) Chlorobenzene	8.90	112	1356820	88.484	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	116293	9.762	ug/L 97
63) 1,4-Dichlorobenzene	11.30	146	1478273	122.765	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	2255306	181.676	ug/L 100
68) 1,2,4-trichlorobenzene	13.29	180	336620	43.427	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	77106	9.656	ug/L 98

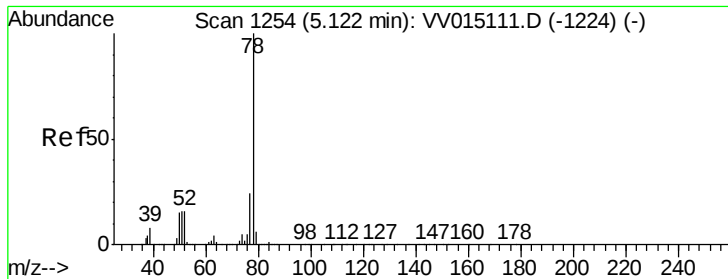
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration





#33

Benzene

Concen: 26.646 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

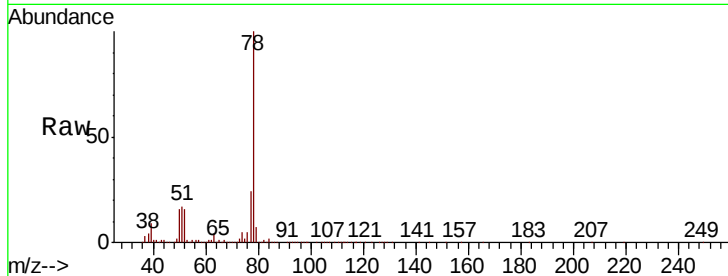
Instrument :

MSVOA_V

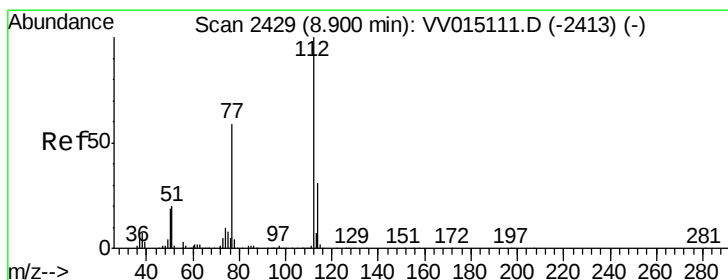
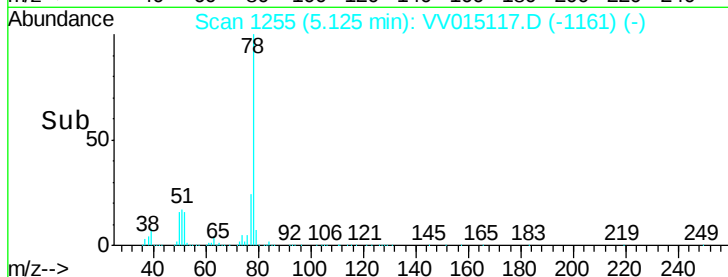
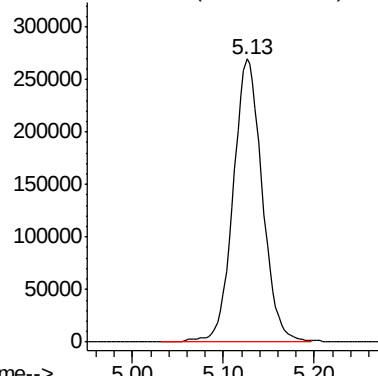
ClientSampleId :

C0DL7DL

Tgt Ion: 78 Resp: 597824



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 88.484 ug/L

RT: 8.90 min Scan# 2430

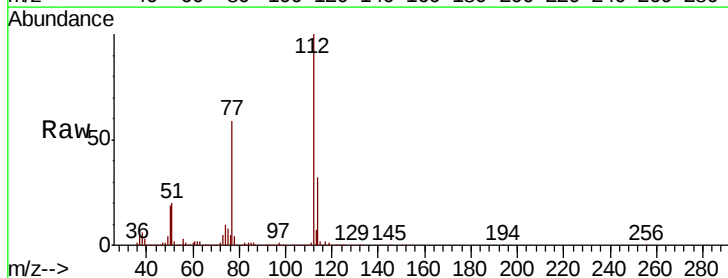
Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Tgt Ion: 112 Resp: 1356820

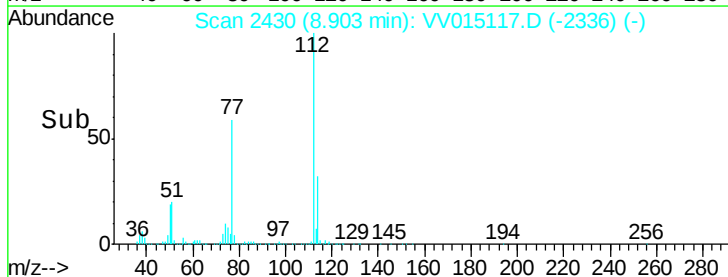
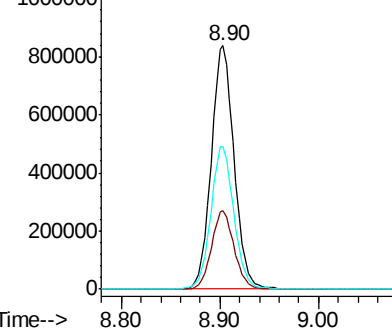
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.3
77	58.6	48.1	72.1

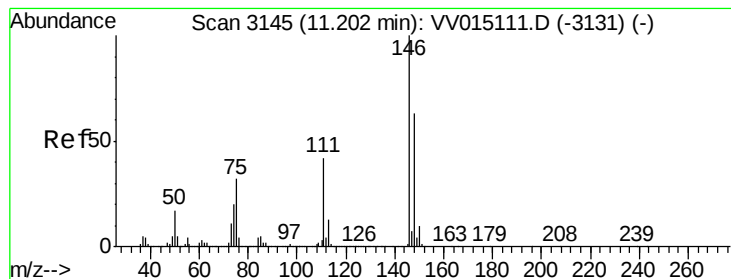


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 9.762 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL7DL

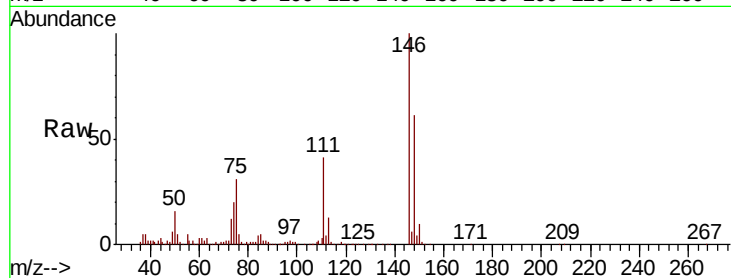
Tot Ion:146 Resp: 116293

Ion Ratio Lower Upper

146 100

111 41.3 29.7 55.1

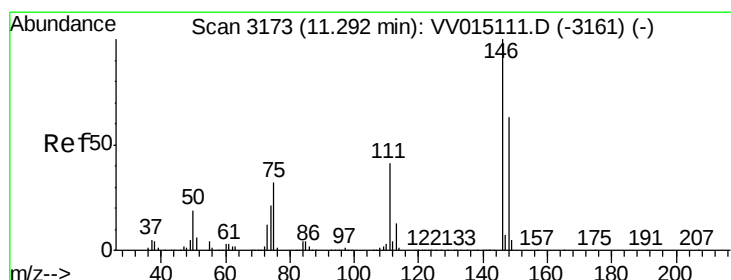
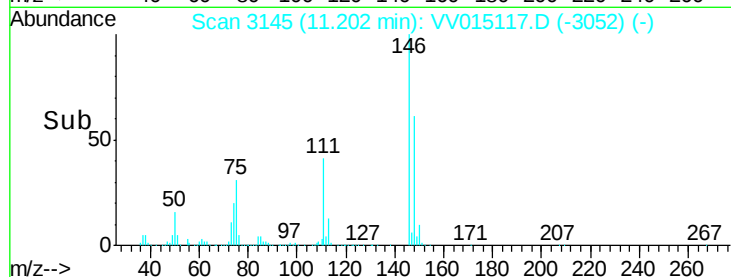
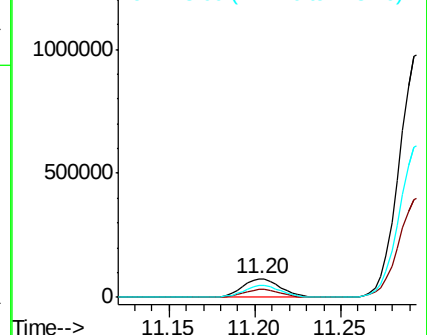
148 61.1 45.3 84.1



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: 122.765 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

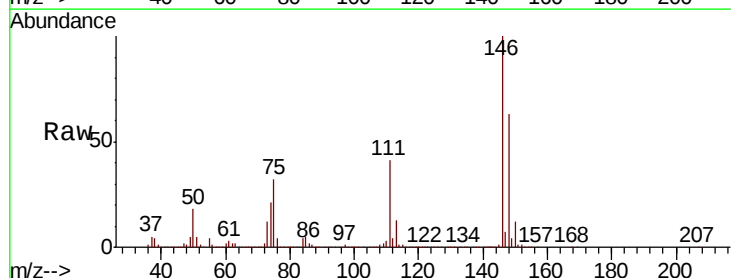
Tgt Ion:146 Resp: 1478273

Ion Ratio Lower Upper

146 100

111 40.6 28.2 52.4

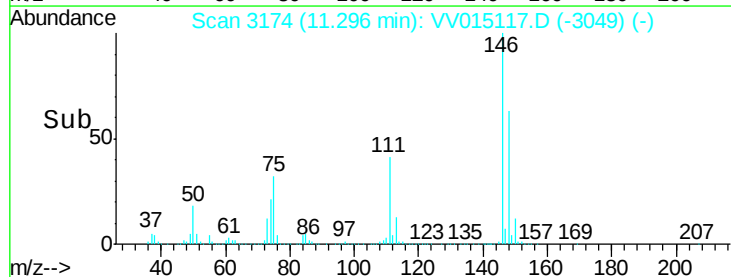
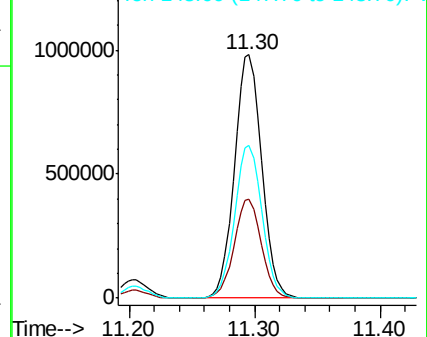
148 62.7 44.9 83.5

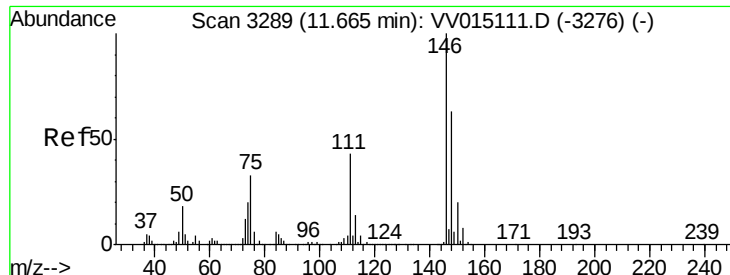


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 181.676 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL7DL

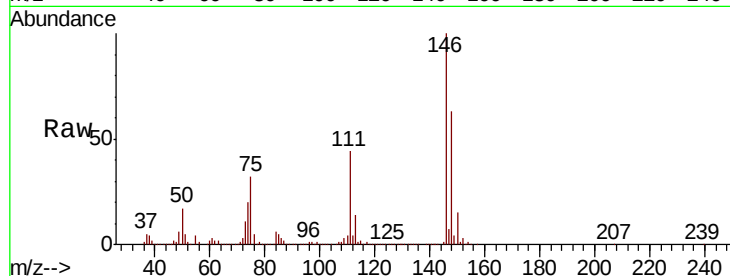
Tot Ion:146 Resp: 2255306

Ion Ratio Lower Upper

146 100

111 43.7 35.2 52.8

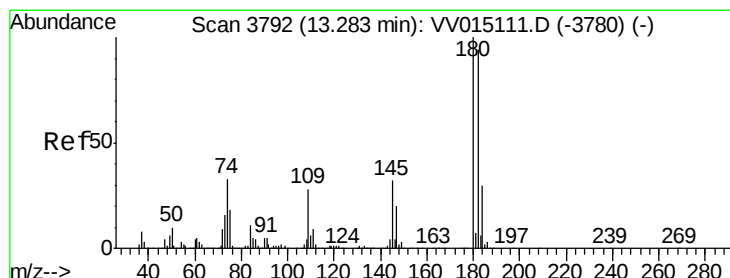
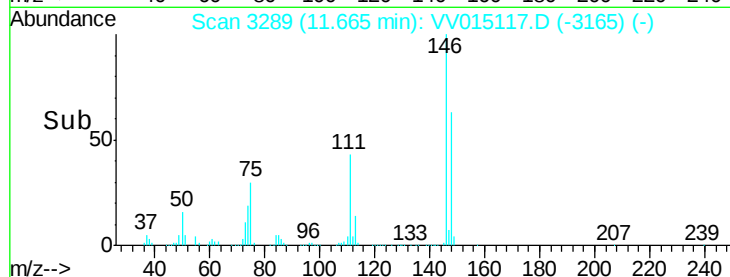
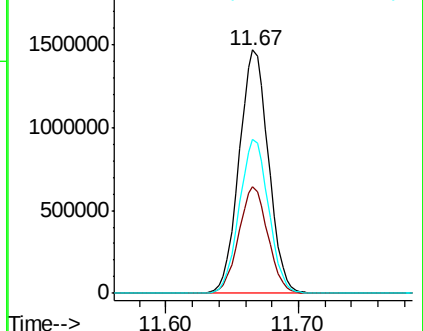
148 63.3 50.6 75.8



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: 43.427 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

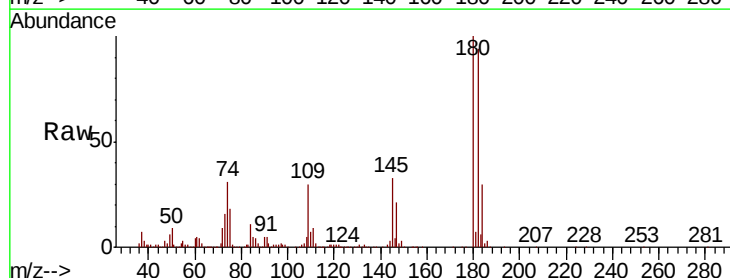
Tgt Ion:180 Resp: 336620

Ion Ratio Lower Upper

180 100

182 95.7 75.5 113.3

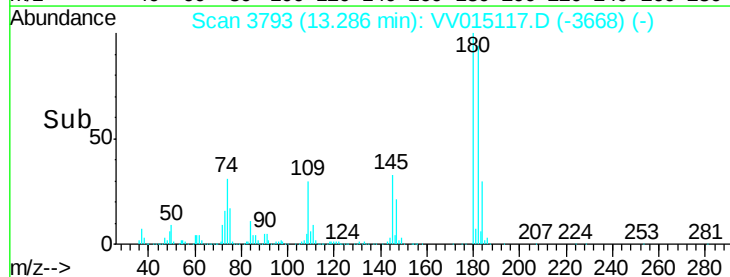
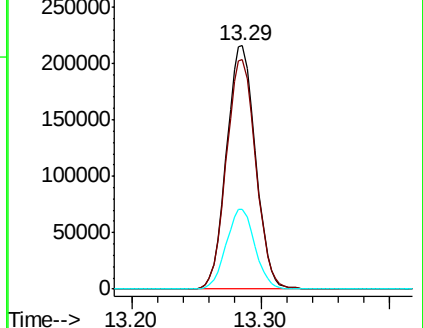
145 32.6 26.4 39.6

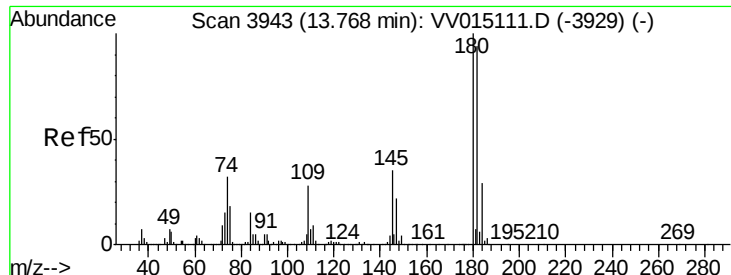


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70

1,2,3-Trichlorobenzene

Concen: 9.656 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015117.D

Acq: 24 Mar 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

C0DL7DL

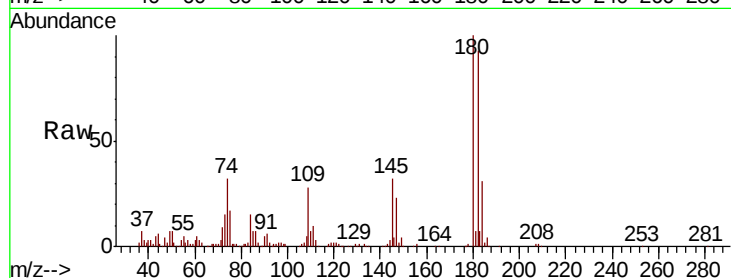
Tot Ion:180 Resp: 77106

Ion Ratio Lower Upper

180 100

182 92.9 76.6 115.0

145 34.1 27.8 41.6



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

