

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015026.D
 Acq On : 18 Mar 2020 20:24
 Operator : SY/MD
 Sample : L1890-18DL 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH5DL

Quant Time: Mar 19 04:58:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342005	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86066	53.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.72%
7) Chloroethane-d5	1.58	69	67137	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.16%
11) 1,1-Dichloroethene-d2	2.12	63	105684	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
21) 2-Butanone-d5	3.93	46	107012	98.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	4.38	84	204350	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
26) 1,2-Dichloroethane-d4	5.06	65	133179	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.08	84	413942	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.10	67	121539	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.38%
41) Toluene-d8	7.34	98	401792	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%
43) trans-1,3-Dichloropropene-	7.64	79	60887	49.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.70%
47) 2-Hexanone-d5	8.12	63	116188	110.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	179991	52.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	172981	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

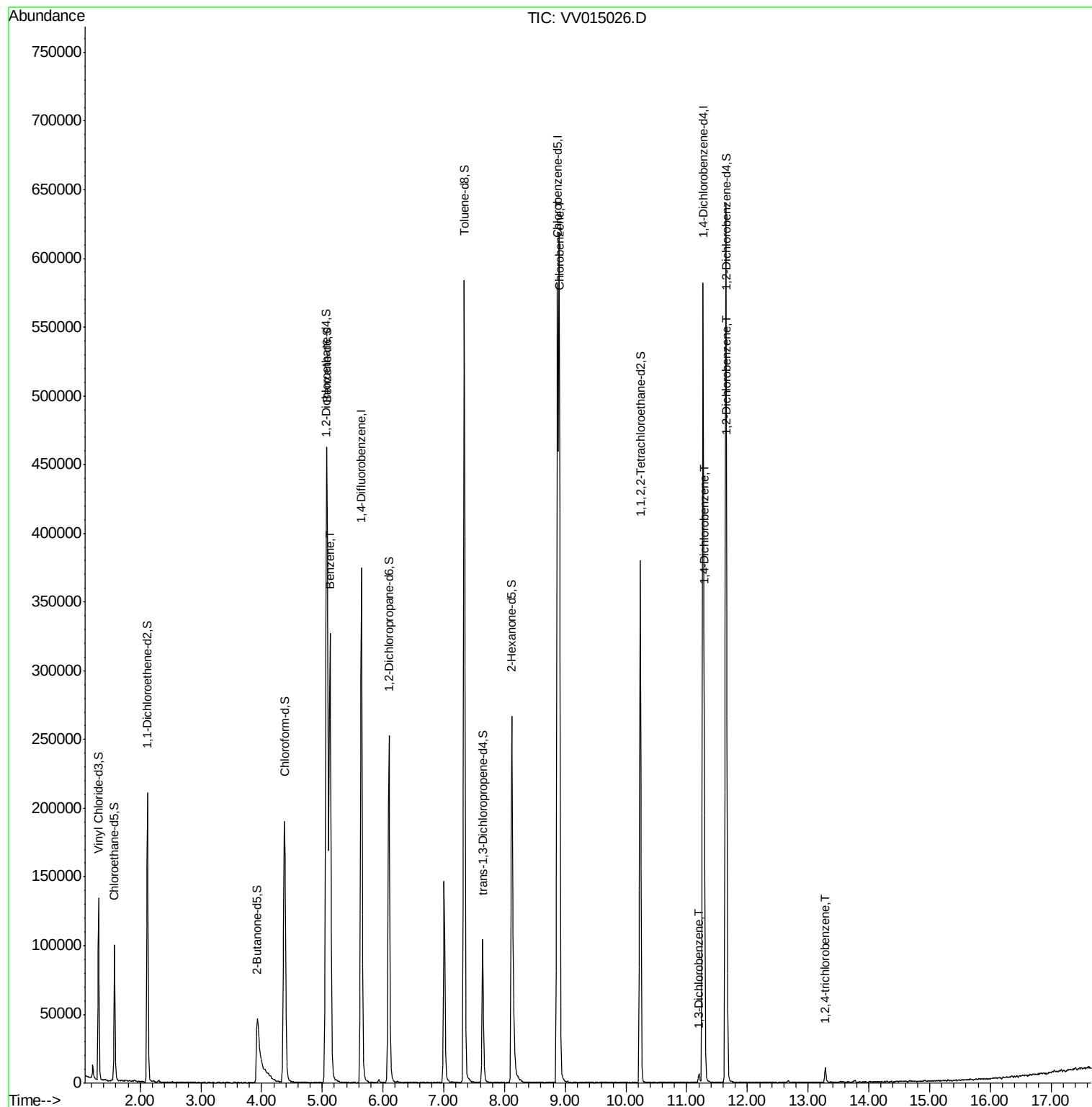
					Ovalue
33) Benzene	5.13	78	339171	42.102	ug/L 100
51) Chlorobenzene	8.90	112	331528	51.776	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	3545	0.728	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	77931	15.373	ug/L 95
65) 1,2-Dichlorobenzene	11.67	146	52949	10.236	ug/L 96
68) 1,2,4-trichlorobenzene	13.28	180	4250	1.198	ug/L 95

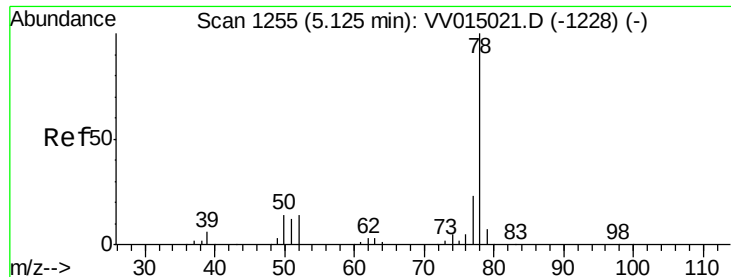
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 42.102 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

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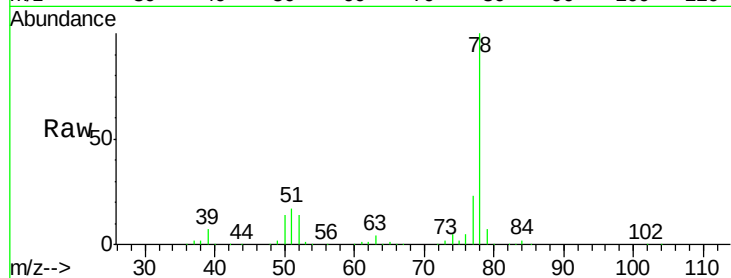
Instrument :

MSVOA_V

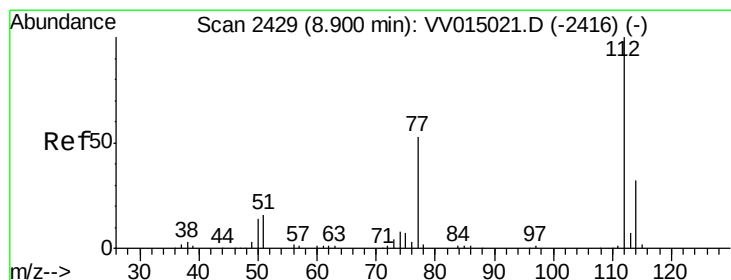
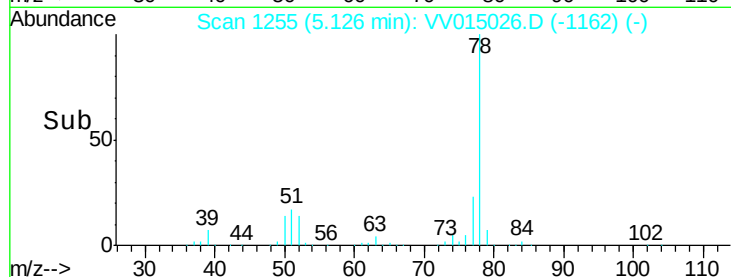
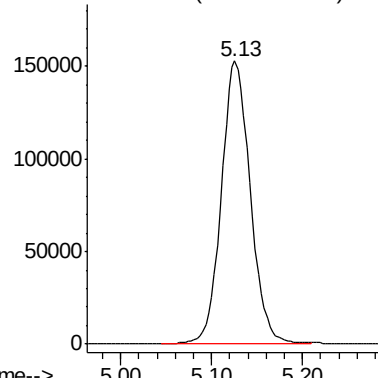
ClientSampleId :

C0DH5DL

Tgt Ion: 78 Resp: 339171



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 51.776 ug/L

RT: 8.90 min Scan# 2429

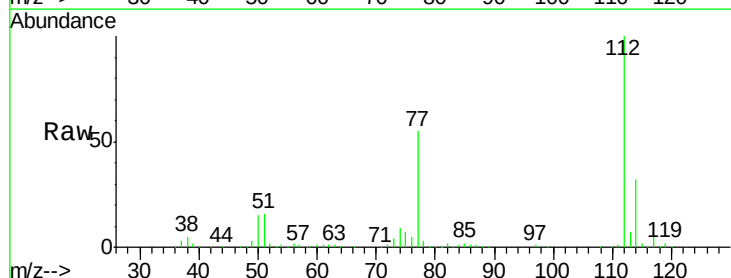
Delta R.T. 0.00 min

Lab File: VV015026.D

Acq: 18 Mar 2020 20:24

Tgt Ion: 112 Resp: 331528

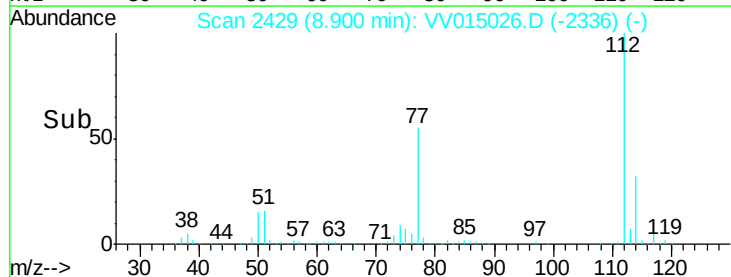
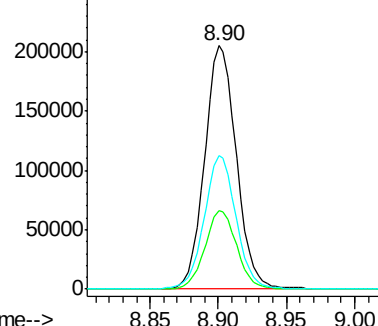
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.4	41.6
77	55.0	42.9	64.3

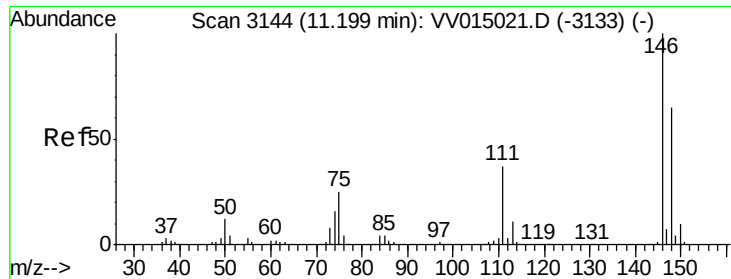


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

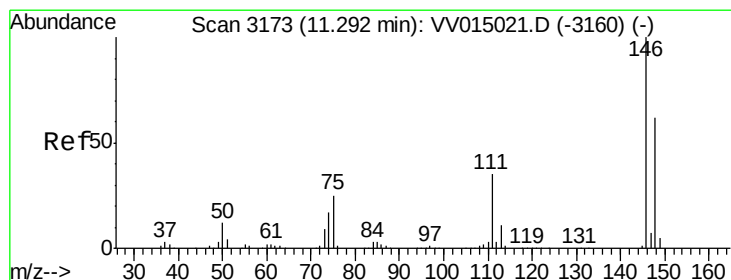
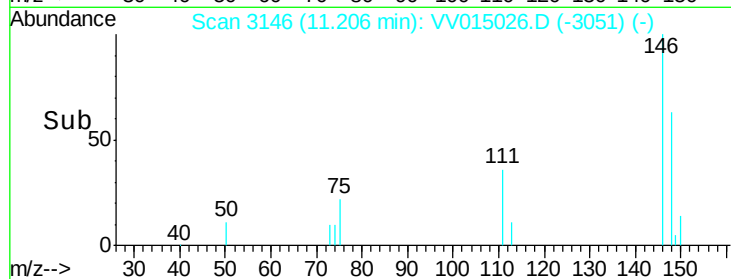
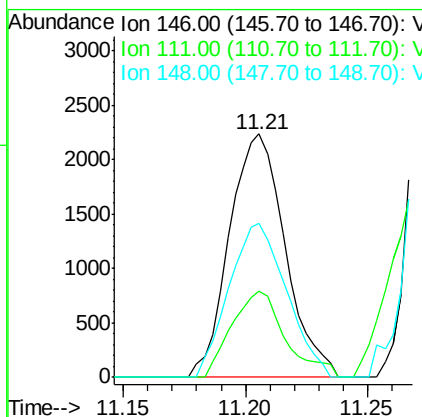
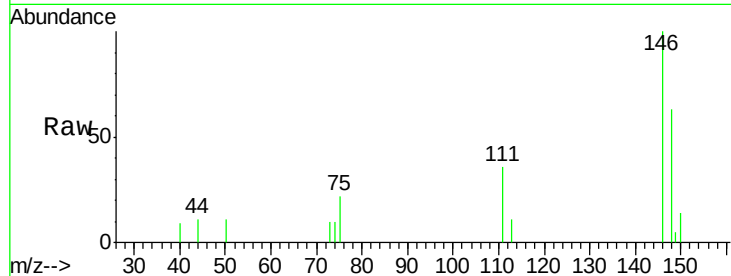




#62
 1,3-Dichlorobenzene
 Concen: 0.728 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.01 min
 Lab File: VV015026.D
 Acq: 18 Mar 2020 20:24

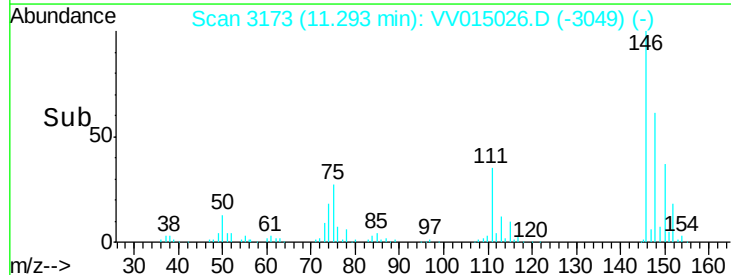
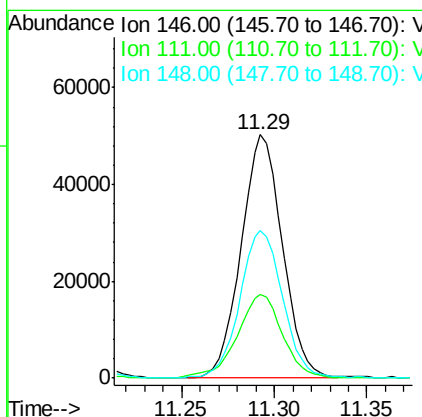
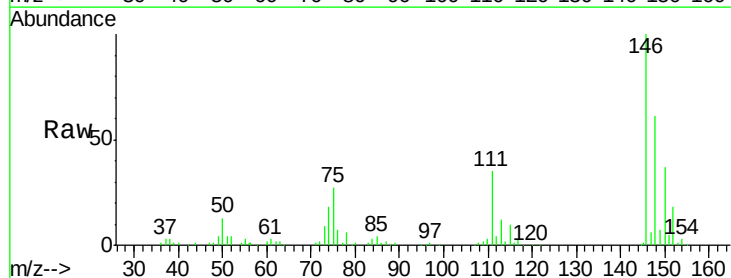
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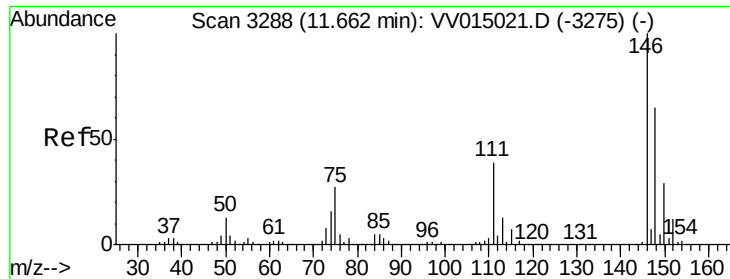
Tot Ion:146 Resp: 3545
 Ion Ratio Lower Upper
 146 100
 111 35.7 25.7 47.7
 148 63.4 45.4 84.4



#63
 1,4-Dichlorobenzene
 Concen: 15.373 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015026.D
 Acq: 18 Mar 2020 20:24

Tgt Ion:146 Resp: 77931
 Ion Ratio Lower Upper
 146 100
 111 34.5 25.8 48.0
 148 60.5 45.7 84.9

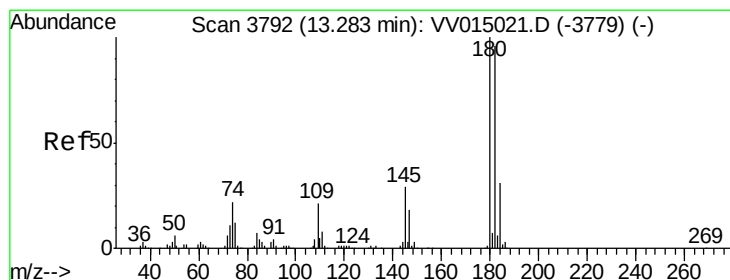
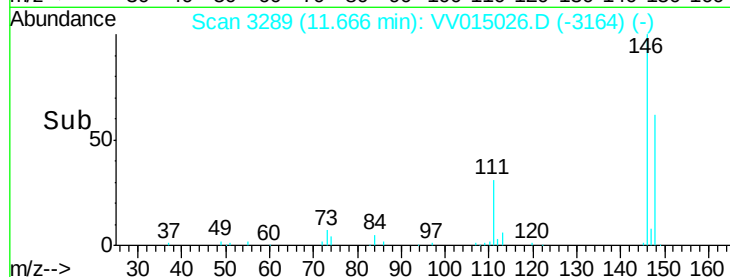
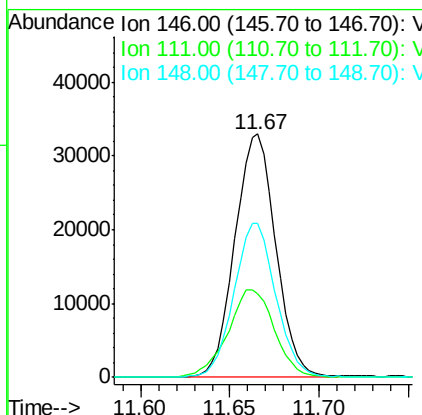
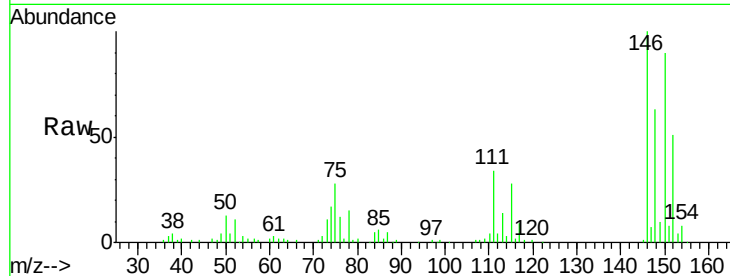




#65
 1,2-Dichlorobenzene
 Concen: 10.236 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015026.D
 Acq: 18 Mar 2020 20:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH5DL

Tot Ion:146 Resp: 52949
 Ion Ratio Lower Upper
 146 100
 111 34.2 31.5 47.3
 148 63.0 51.7 77.5



#68
 1,2,4-trichlorobenzene
 Concen: 1.198 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV015026.D
 Acq: 18 Mar 2020 20:24

Tgt Ion:180 Resp: 4250
 Ion Ratio Lower Upper
 180 100
 182 90.0 76.3 114.5
 145 26.9 22.2 33.4

