

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015373.D
 Acq On : 02 Apr 2020 14:48
 Operator : SY/MD
 Sample : L2005-07 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DE9

Quant Time: Apr 03 02:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	700098	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	680520	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	323462	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	225794	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.94%
7) Chloroethane-d5	1.58	69	206314	38.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.94%
11) 1,1-Dichloroethene-d2	2.12	63	351500	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	3.94	46	314362	94.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	4.38	84	427904	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
26) 1,2-Dichloroethane-d4	5.06	65	274574	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
32) Benzene-d6	5.07	84	880114	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.09	67	266547	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.28%
41) Toluene-d8	7.34	98	864938	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.64	79	133918	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.44%
47) 2-Hexanone-d5	8.12	63	242535	85.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	383698	43.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	327829	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%

Target Compounds

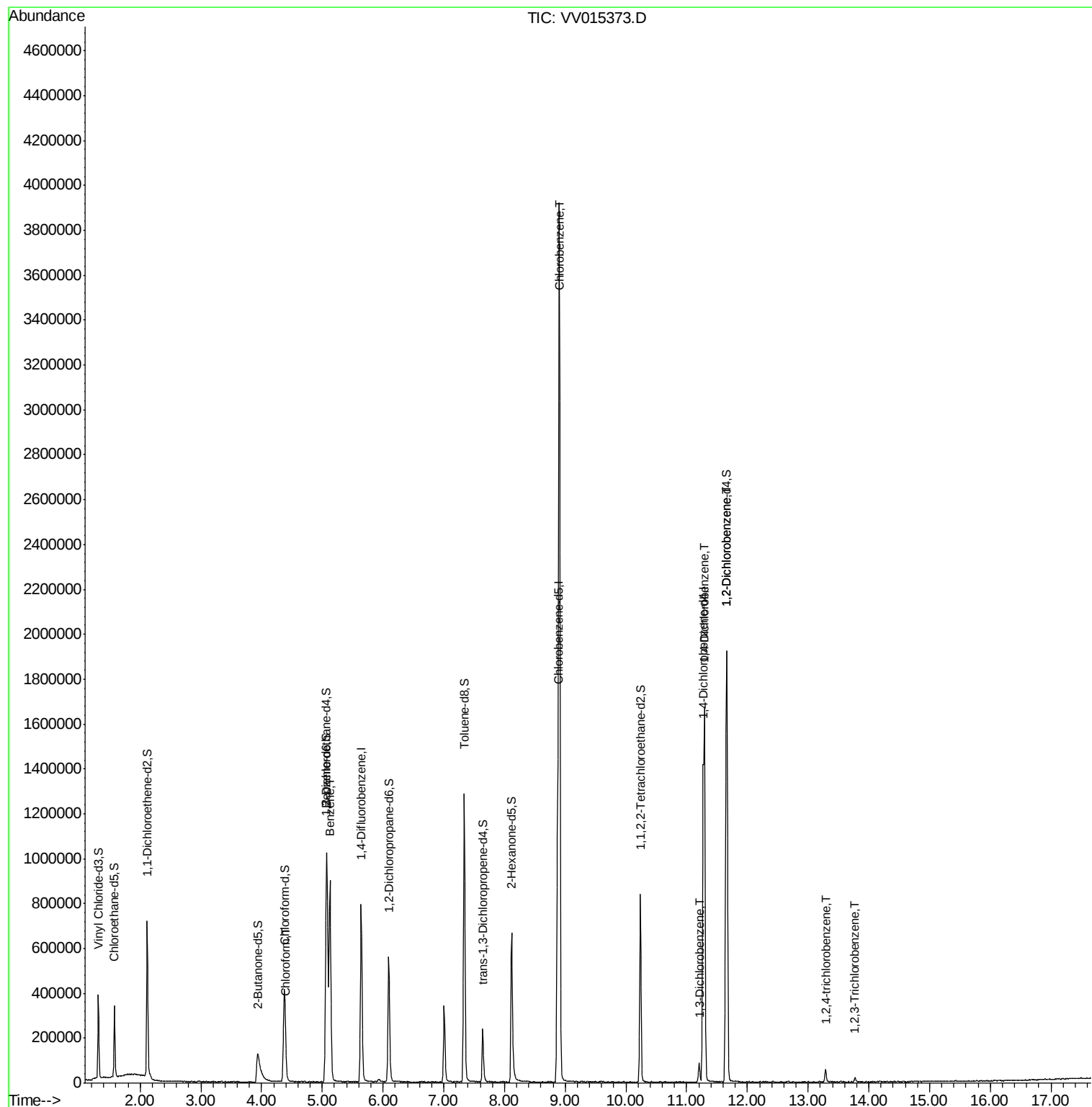
					Ovalue
25) Chloroform	4.41	83	15137	1.604	ug/L 96
33) Benzene	5.13	78	920581	45.704	ug/L 100
51) Chlorobenzene	8.90	112	2083822	142.034	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	32219	2.959	ug/L 94
63) 1,4-Dichlorobenzene	11.30	146	615521	55.733	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	607408	54.688	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	15733	2.387	ug/L 94
70) 1,2,3-Trichlorobenzene	13.77	180	4490	0.661	ug/L 96

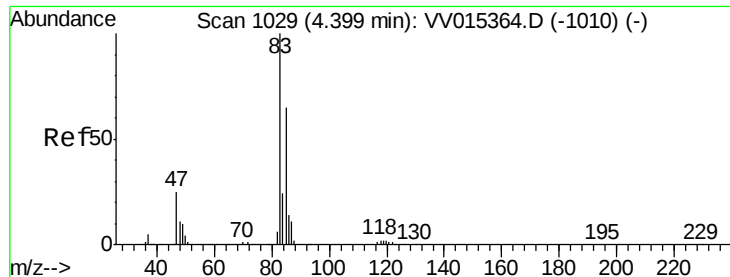
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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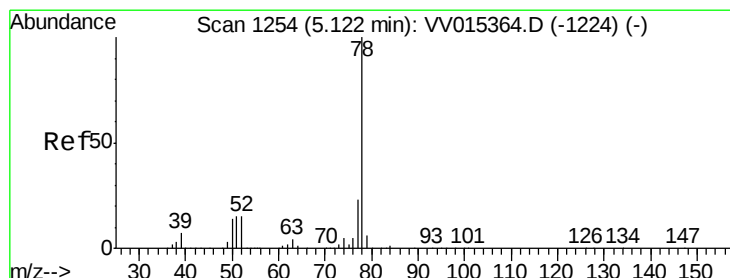
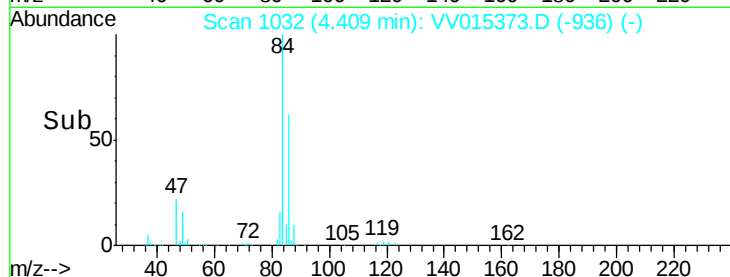
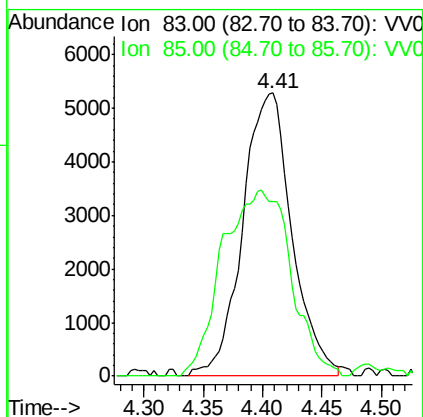
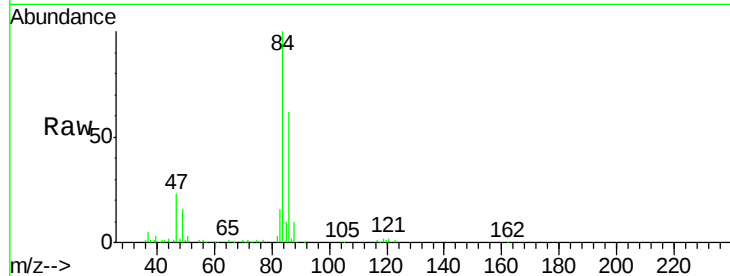




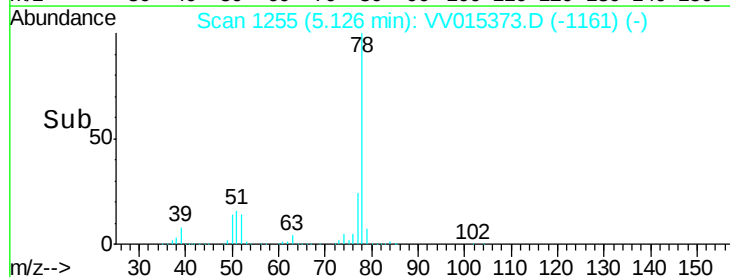
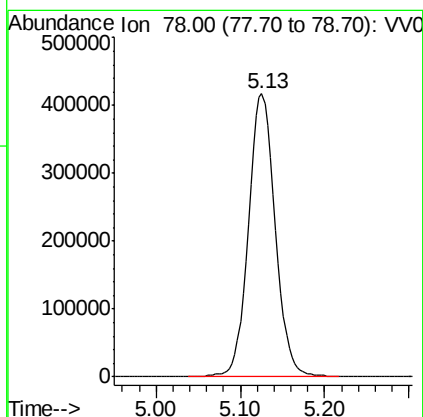
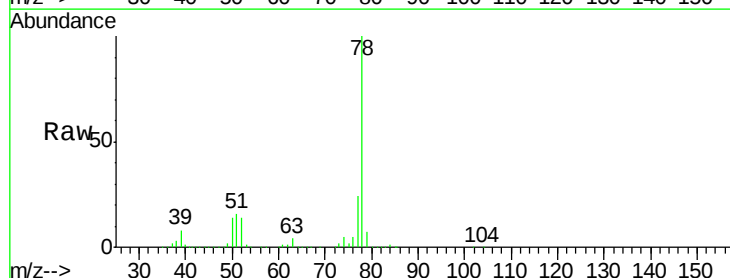
#25
Chloroform
Concen: 1.604 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015373.D
Acq: 02 Apr 2020 14:48

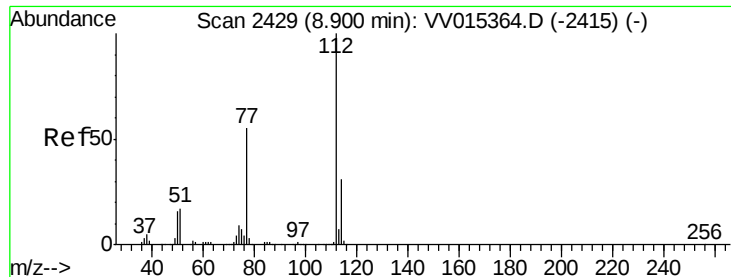
Instrument :
MSVOA_V
ClientSampled :
C0DE9

Tot Ion: 83 Resp: 15137
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.9



#33
Benzene
Concen: 45.704 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015373.D
Acq: 02 Apr 2020 14:48
Tgt Ion: 78 Resp: 920581





#51

Chlorobenzene

Concen: 142.034 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015373.D

Acq: 02 Apr 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

C0DE9

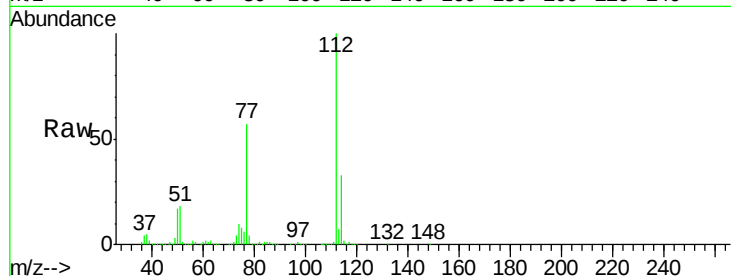
Tot Ion:112 Resp: 2083822

Ion Ratio Lower Upper

112 100

114 32.6 21.8 40.4

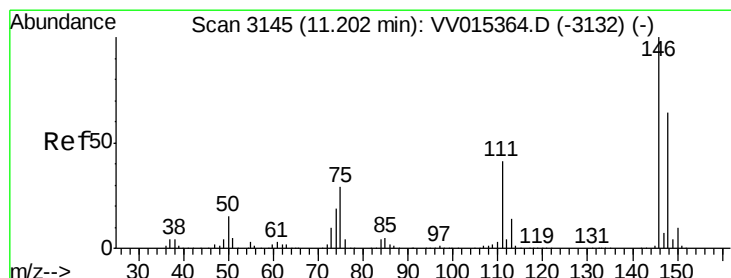
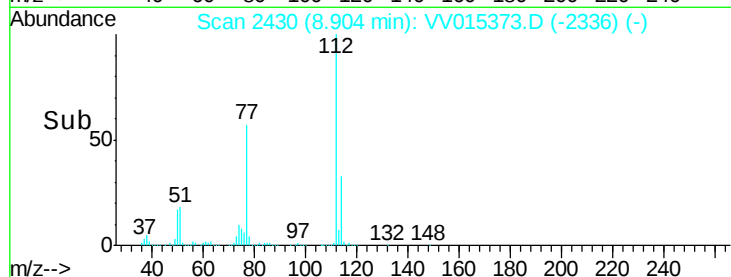
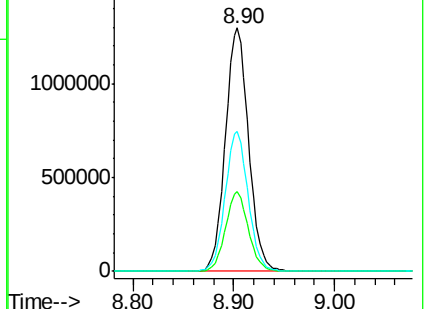
77 57.4 46.2 69.2



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): V



#62

1,3-Dichlorobenzene

Concen: 2.959 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015373.D

Acq: 02 Apr 2020 14:48

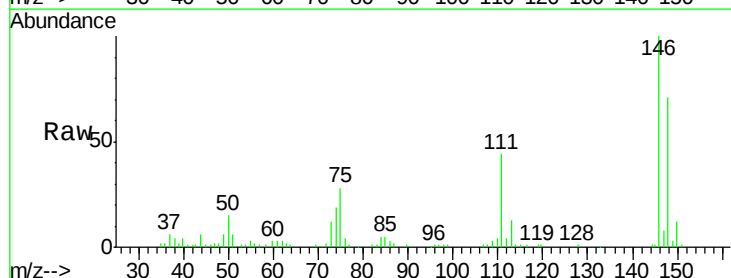
Tgt Ion:146 Resp: 32219

Ion Ratio Lower Upper

146 100

111 43.6 30.2 56.2

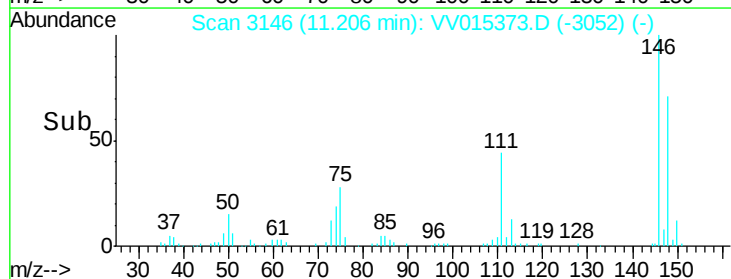
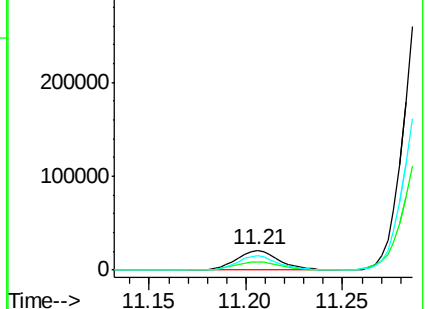
148 71.2 44.7 83.1

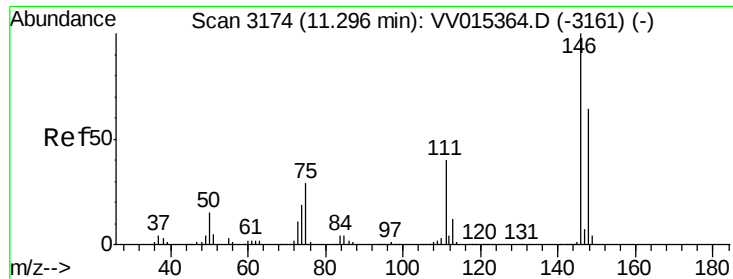


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

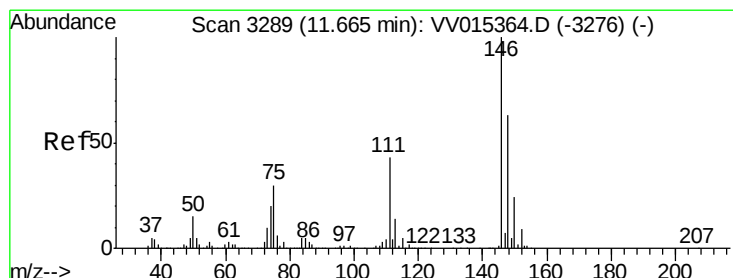
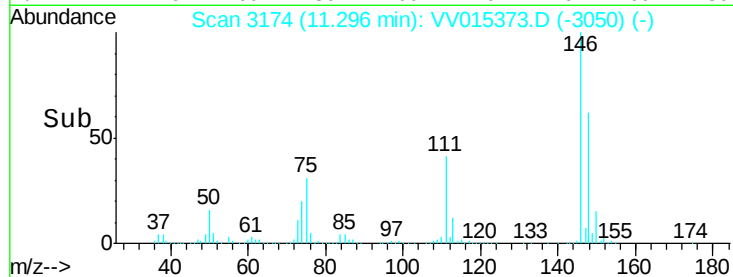
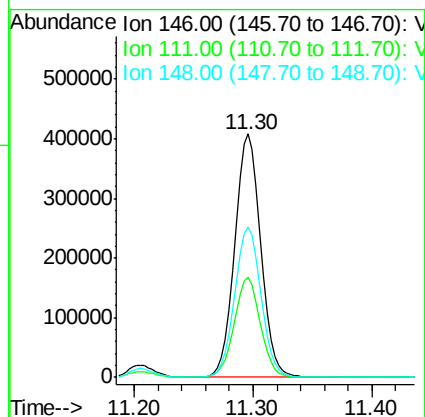
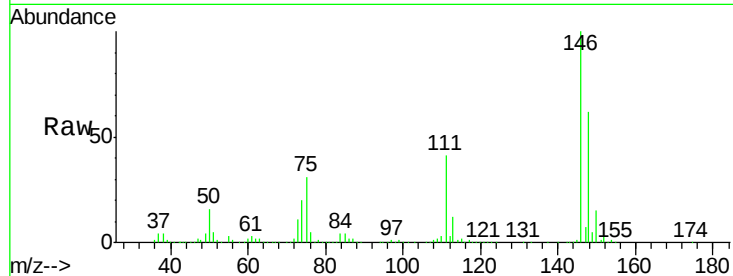




#63
 1,4-Dichlorobenzene
 Concen: 55.733 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015373.D
 Acq: 02 Apr 2020 14:48

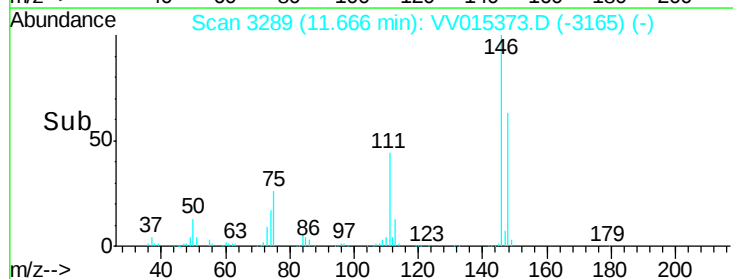
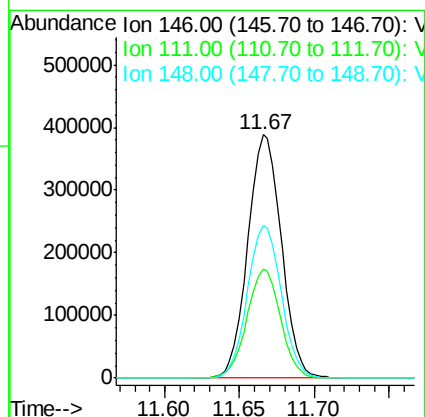
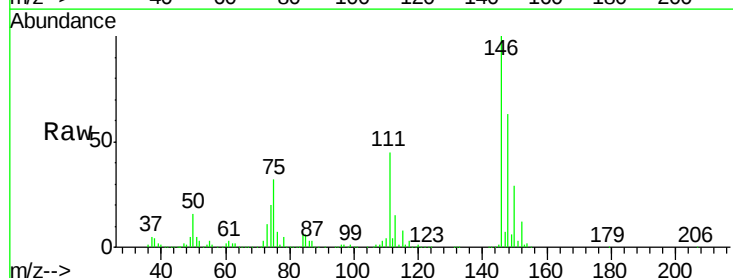
Instrument :
 MSVOA_V
 ClientSampleId :
 CODE9

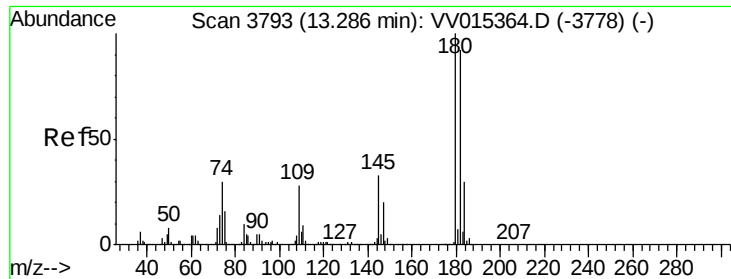
Tot Ion:146 Resp: 615521
 Ion Ratio Lower Upper
 146 100
 111 41.1 29.3 54.5
 148 61.9 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 54.688 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015373.D
 Acq: 02 Apr 2020 14:48

Tgt Ion:146 Resp: 607408
 Ion Ratio Lower Upper
 146 100
 111 44.7 35.1 52.7
 148 63.0 51.0 76.4

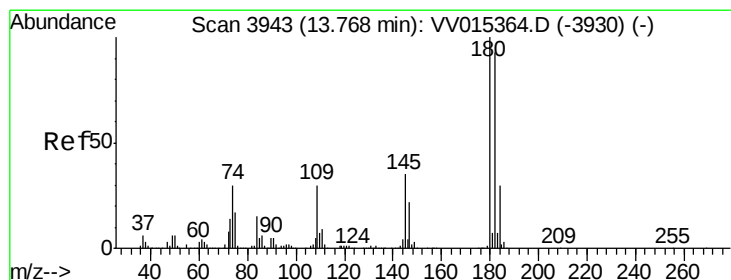
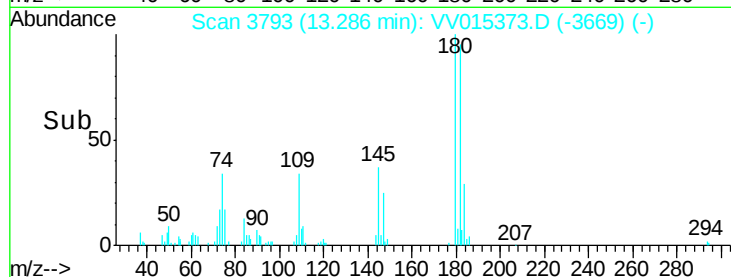
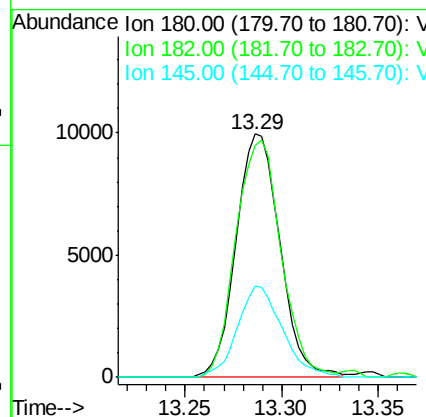
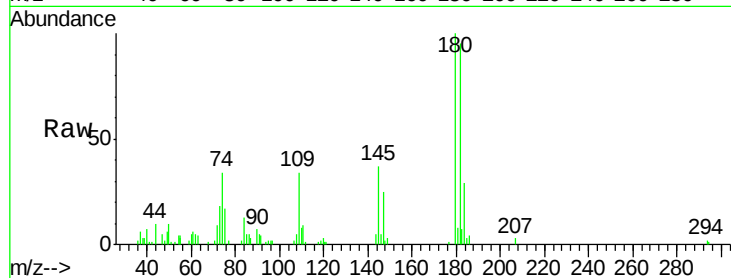




#68
 1,2,4-trichlorobenzene
 Concen: 2.387 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015373.D
 Acq: 02 Apr 2020 14:48

Instrument :
 MSVOA_V
 ClientSampled :
 CODE9

Tot Ion:180 Resp: 15733
 Ion Ratio Lower Upper
 180 100
 182 100.3 75.8 113.8
 145 38.5 27.7 41.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.661 ug/L
 RT: 13.77 min Scan# 3945
 Delta R.T. 0.01 min
 Lab File: VV015373.D
 Acq: 02 Apr 2020 14:48

Tgt Ion:180 Resp: 4490
 Ion Ratio Lower Upper
 180 100
 182 90.3 76.1 114.1
 145 34.5 28.2 42.4

