

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015158.D
 Acq On : 26 Mar 2020 00:58
 Operator : SY/MD
 Sample : L1968-13DL 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DE5DL

Quant Time: Mar 30 18:26:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 02:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	580024	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	557932	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	198327	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.58	69	190753	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.84%
11) 1,1-Dichloroethene-d2	2.12	63	325078	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.94	46	307120	96.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.50%
24) Chloroform-d	4.38	84	355955	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
26) 1,2-Dichloroethane-d4	5.06	65	243218	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
32) Benzene-d6	5.08	84	736376	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.10	67	229545	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.34	98	683685	44.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.94%
43) trans-1,3-Dichloropropene-	7.64	79	107069	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
47) 2-Hexanone-d5	8.12	63	238321	93.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	336650	44.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	243806	45.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.16%

Target Compounds

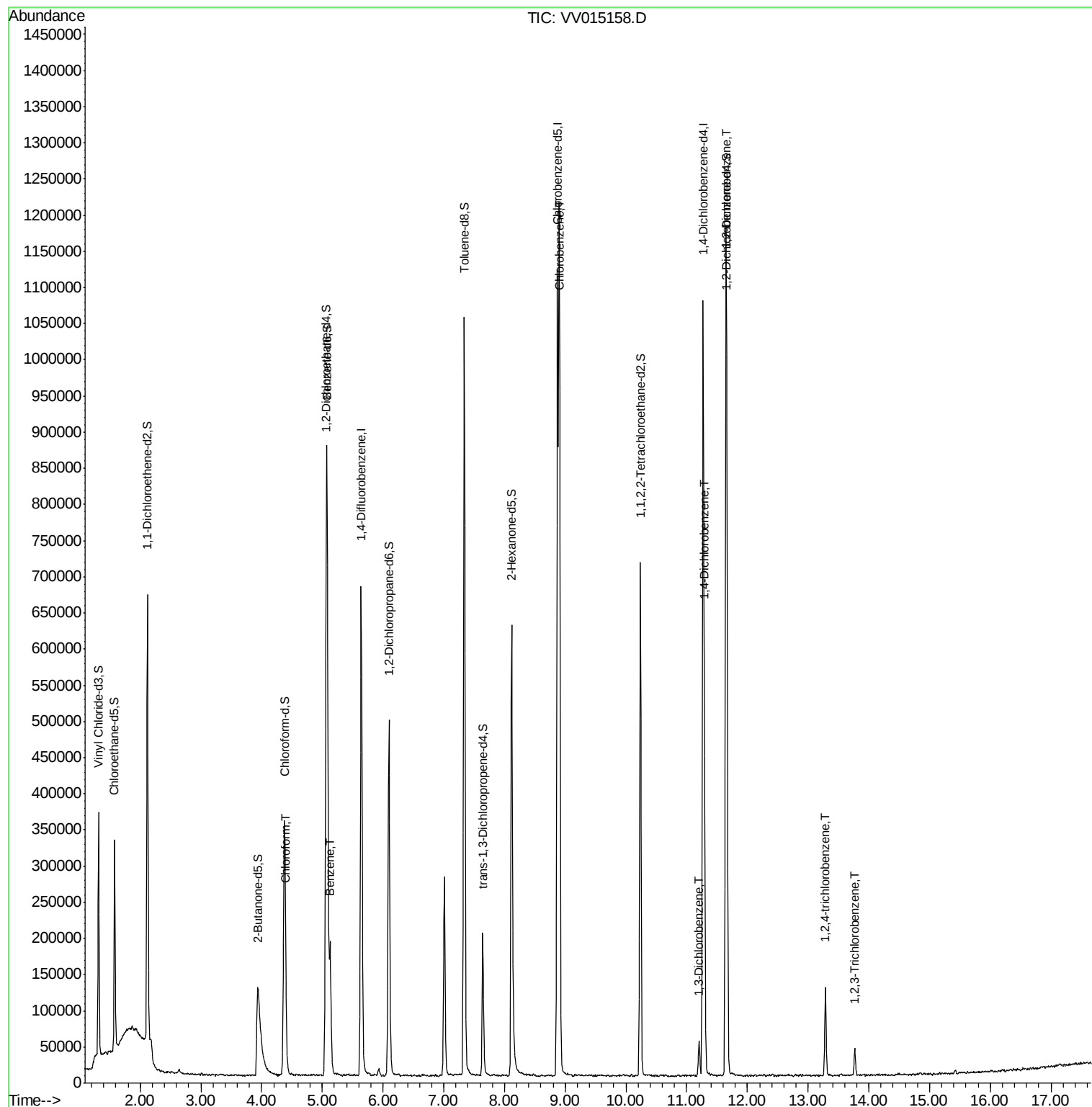
					Ovalue
25) Chloroform	4.41	83	10804	1.641 ug/L	82
33) Benzene	5.13	78	183718	12.796 ug/L	100
51) Chlorobenzene	8.90	112	614362	59.353 ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	18877	2.666 ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	145590	20.180 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	212255	29.708 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	30610	6.813 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	8561	1.917 ug/L	96

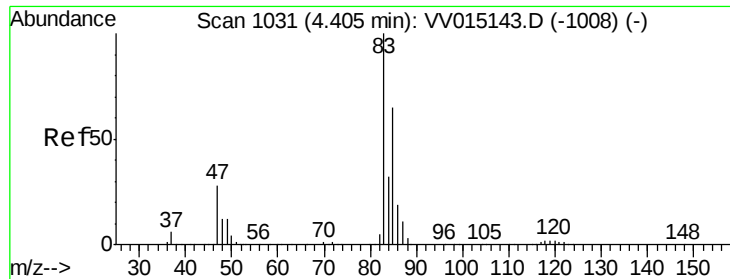
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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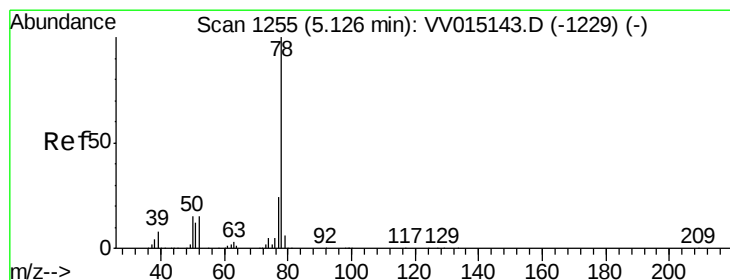
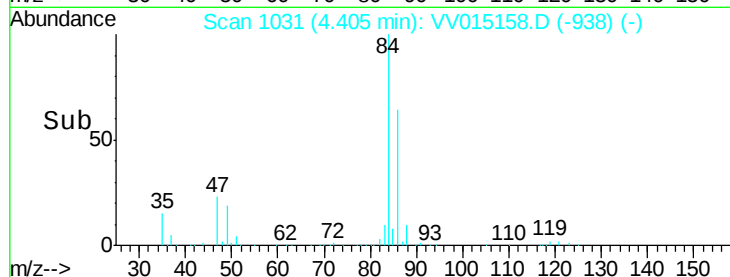
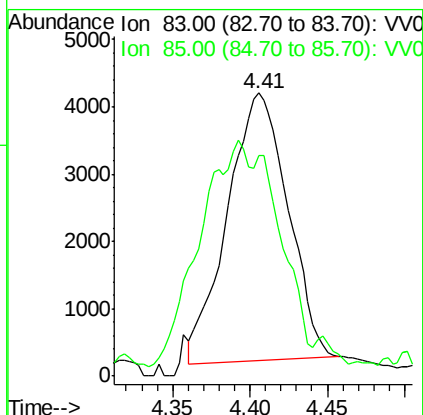
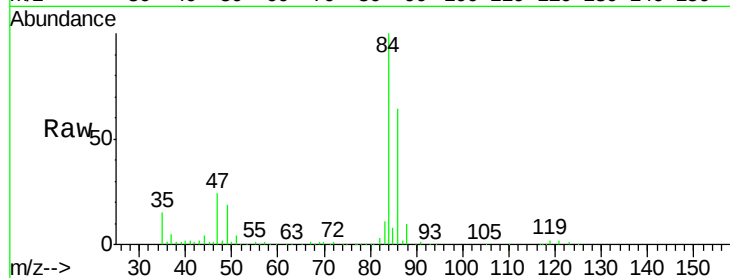




#25
Chloroform
Concen: 1.641 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015158.D
Acq: 26 Mar 2020 00:58

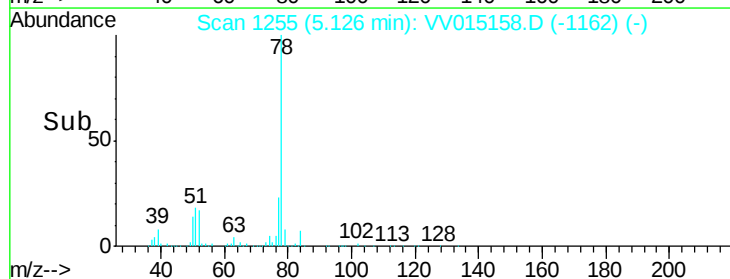
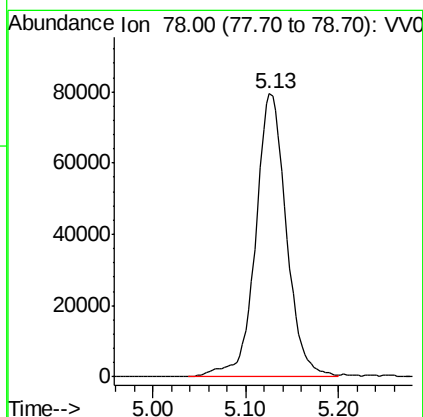
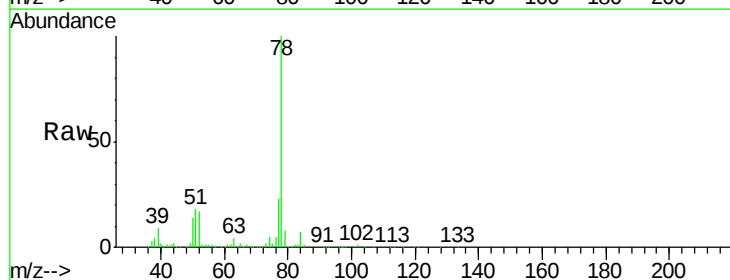
Instrument :
MSVOA_V
ClientSampleId :
CODE5DL

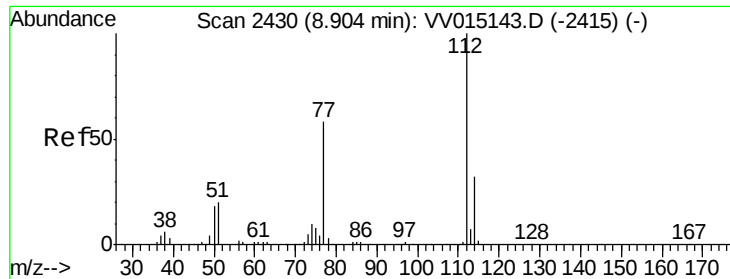
Tot Ion: 83 Resp: 10804
Ion Ratio Lower Upper
83 100
85 78.2 44.8 83.2



#33
Benzene
Concen: 12.796 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015158.D
Acq: 26 Mar 2020 00:58

Tgt Ion: 78 Resp: 183718





#51

Chlorobenzene

Concen: 59.353 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015158.D

Acq: 26 Mar 2020 00:58

Instrument :

MSVOA_V

ClientSampleId :

C0DE5DL

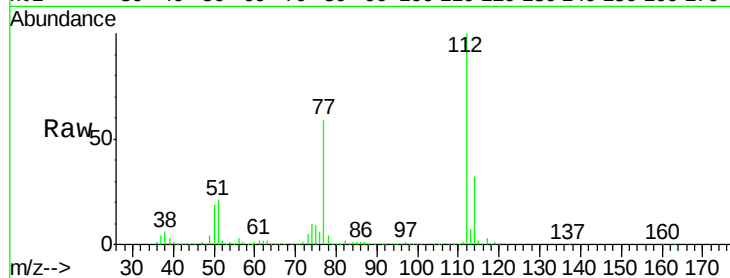
Tot Ion:112 Resp: 614362

Ion Ratio Lower Upper

112 100

114 31.6 22.0 40.8

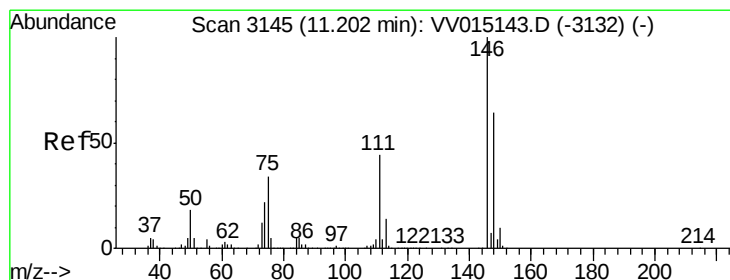
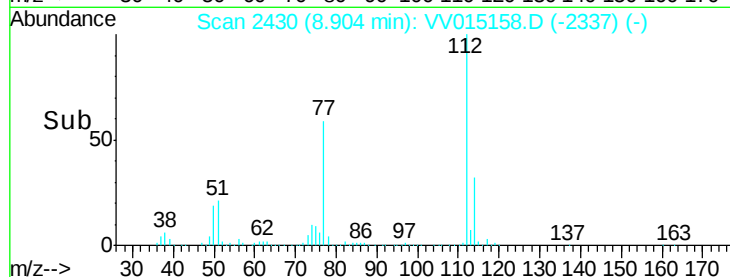
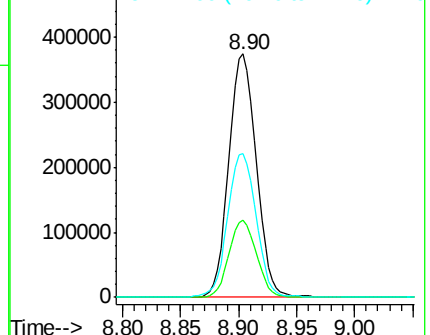
77 58.8 47.2 70.8



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: 2.666 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015158.D

Acq: 26 Mar 2020 00:58

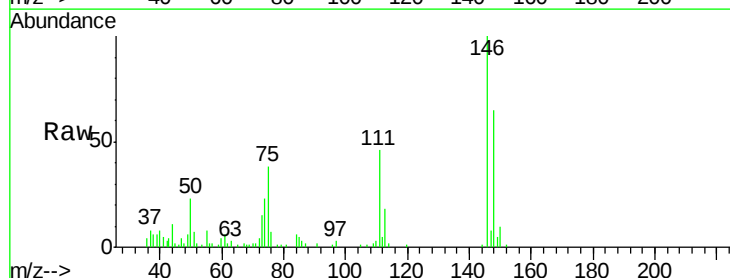
Tgt Ion:146 Resp: 18877

Ion Ratio Lower Upper

146 100

111 46.5 29.3 54.5

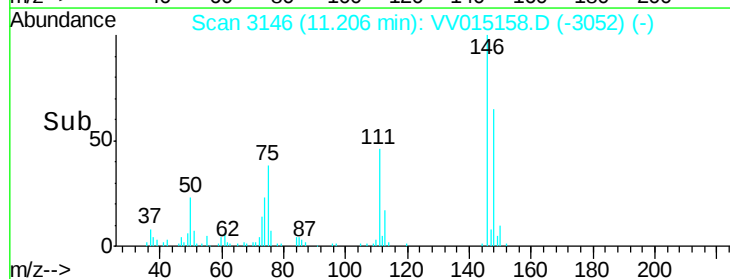
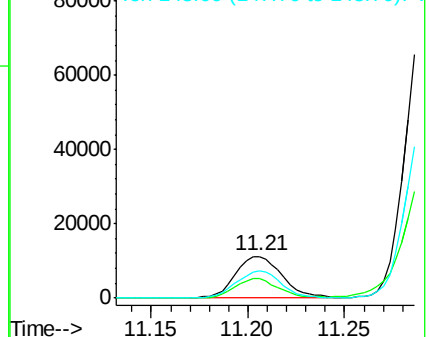
148 65.3 44.7 82.9

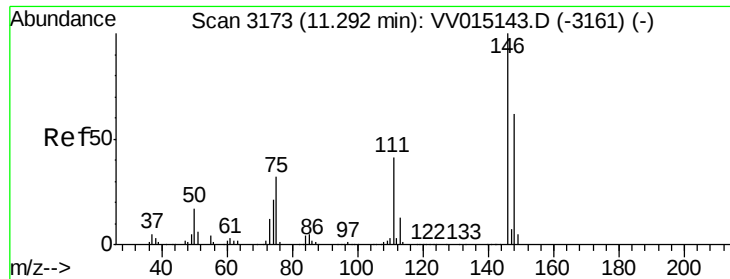


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

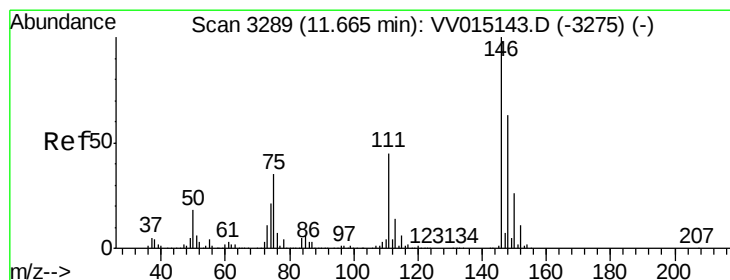
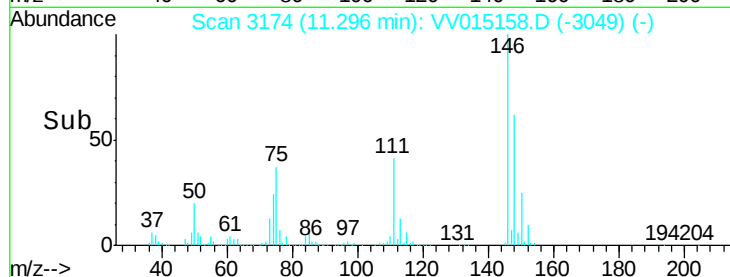
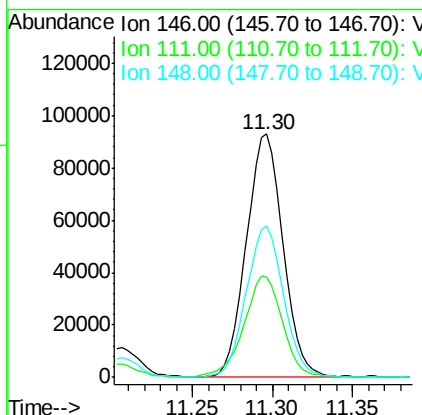
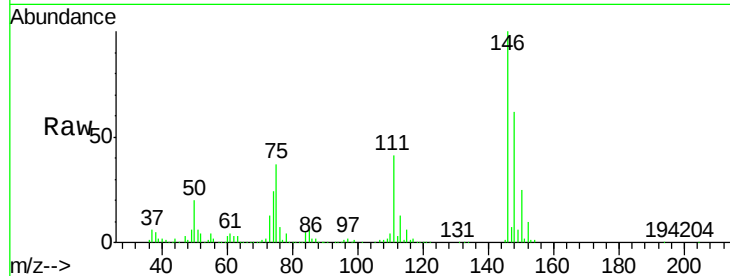




#63
 1,4-Dichlorobenzene
 Concen: 20.180 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015158.D
 Acq: 26 Mar 2020 00:58

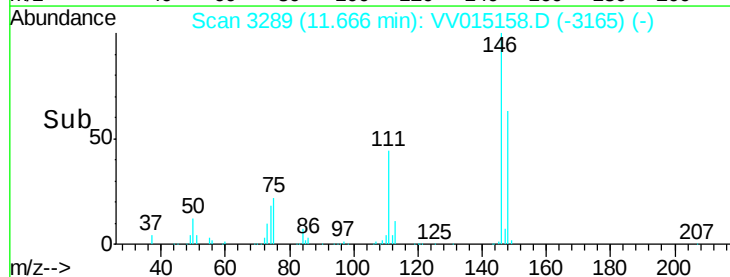
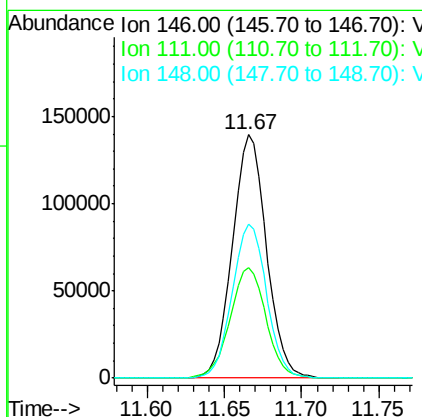
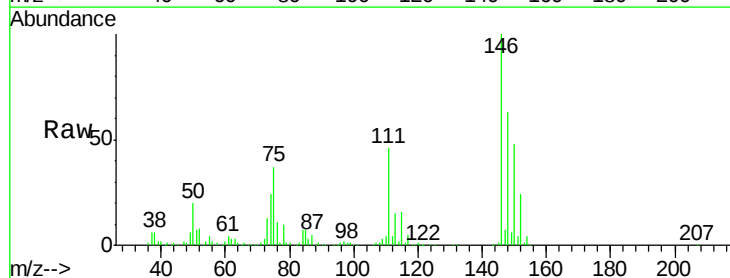
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 MSVOA_V
 ClientSampleId :
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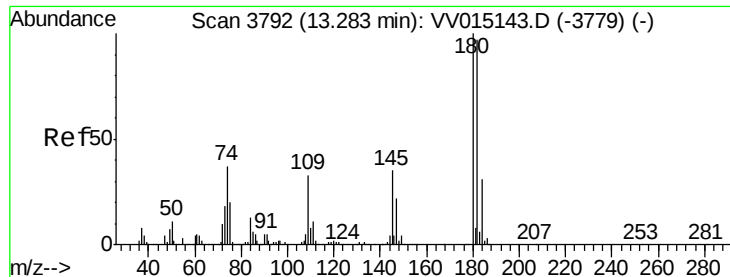
Tot Ion:146 Resp: 145590
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.4 52.8
 148 62.0 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 29.708 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015158.D
 Acq: 26 Mar 2020 00:58

Tgt Ion:146 Resp: 212255
 Ion Ratio Lower Upper
 146 100
 111 45.6 35.4 53.2
 148 63.3 49.7 74.5

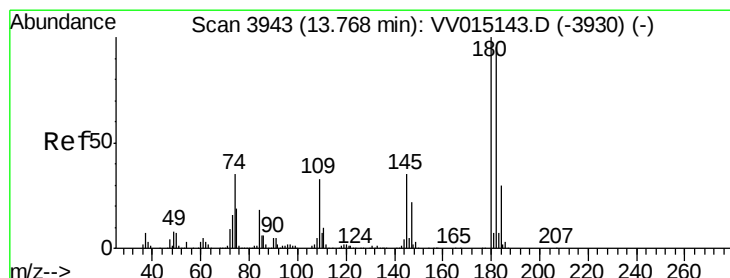
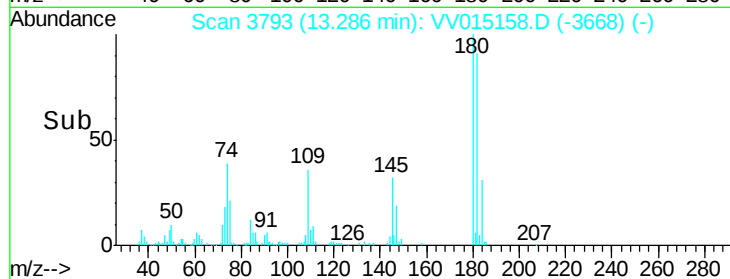
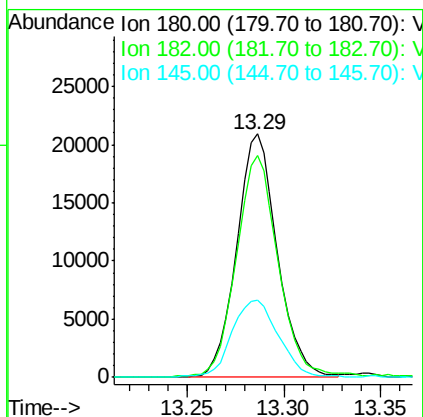
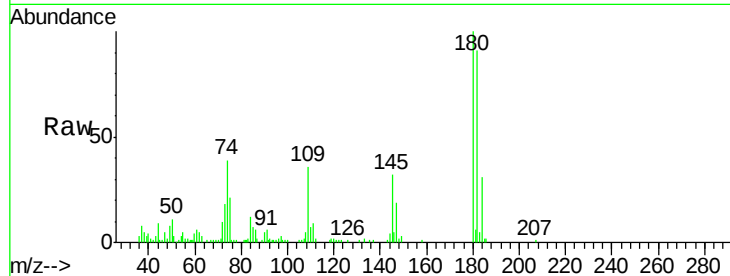




#68
 1,2,4-trichlorobenzene
 Concen: 6.813 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015158.D
 Acq: 26 Mar 2020 00:58

Instrument :
 MSVOA_V
 ClientSampled :
 CODE5DL

Tot Ion:180 Resp: 30610
 Ion Ratio Lower Upper
 180 100
 182 92.2 76.1 114.1
 145 35.8 26.6 40.0



#70
 1,2,3-Trichlorobenzene
 Concen: 1.917 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015158.D
 Acq: 26 Mar 2020 00:58

Tgt Ion:180 Resp: 8561
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.3 114.5
 145 43.7 29.6 44.4

