

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015348.D
 Acq On : 01 Apr 2020 22:40
 Operator : SY/MD
 Sample : L2003-01DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 03:31:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 03:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	734773	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	710990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	342828	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	174201	26.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.88%#
7) Chloroethane-d5	1.58	69	173031	30.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.48%#
11) 1,1-Dichloroethene-d2	2.12	63	282927	24.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.06%#
21) 2-Butanone-d5	3.94	46	312263	89.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.17%
24) Chloroform-d	4.38	84	389260	35.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.58%
26) 1,2-Dichloroethane-d4	5.06	65	254895	37.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.24%
32) Benzene-d6	5.08	84	786013	35.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.80%
36) 1,2-Dichloropropane-d6	6.09	67	242391	37.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.10%
41) Toluene-d8	7.34	98	762761	36.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.86%#
43) trans-1,3-Dichloropropene-	7.64	79	110975	31.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.22%
47) 2-Hexanone-d5	8.12	63	242263	82.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	373847	40.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.57	152	89	0.01	ug/L	-0.08
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.02%#

Target Compounds

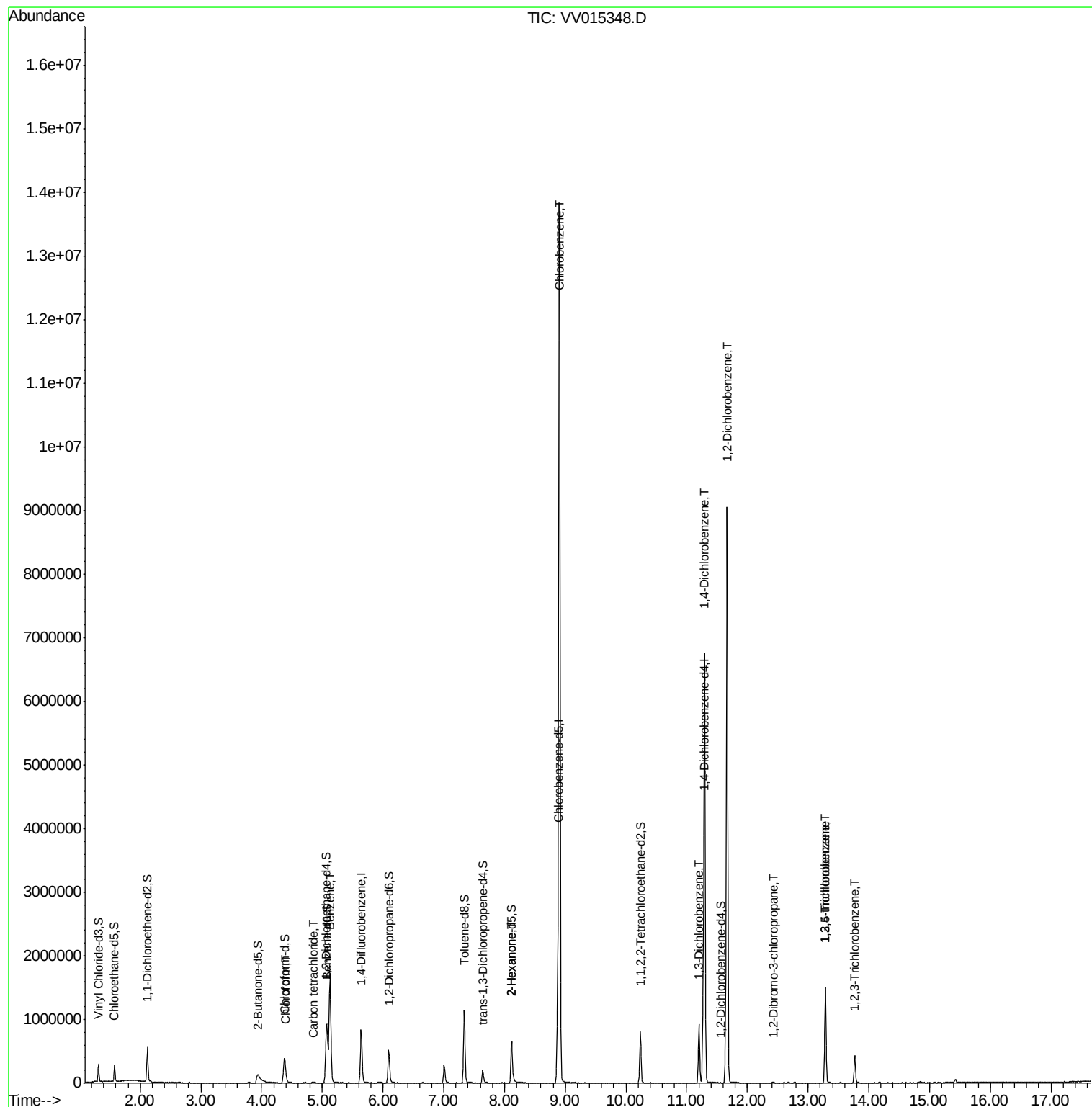
					Ovalue
25) Chloroform	4.41	83	31508	3.181	ug/L 99
31) Carbon tetrachloride	4.86	117	8353	1.069	ug/L 100
33) Benzene	5.13	78	1741983	82.778	ug/L 100
48) 2-Hexanone	8.12	43	29819	5.423	ug/L # 78
51) Chlorobenzene	8.90	112	7399972	482.768	ug/L 98
62) 1,3-Dichlorobenzene	11.20	146	365301	31.651	ug/L 99
63) 1,4-Dichlorobenzene	11.30	146	2647565	226.185	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	3472574	294.992	ug/L 99
66) 1,2-Dibromo-3-chloropropan	12.42	75	2435	1.048	ug/L # 4
67) 1,3,5-Trichlorobenzene	13.29	180	433586	56.686	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	433586	62.059	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	120117	16.690	ug/L 97

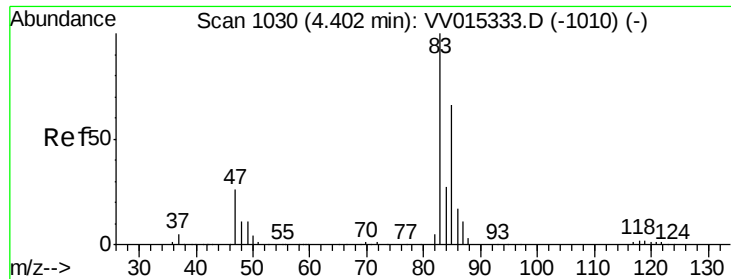
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040120\
Data File : VV015348.D
Acq On : 01 Apr 2020 22:40
Operator : SY/MD
Sample : L2003-01DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 02 03:31:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 03:22:54 2020
Response via : Initial Calibration

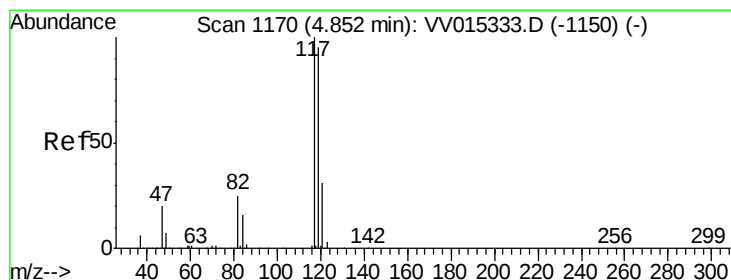
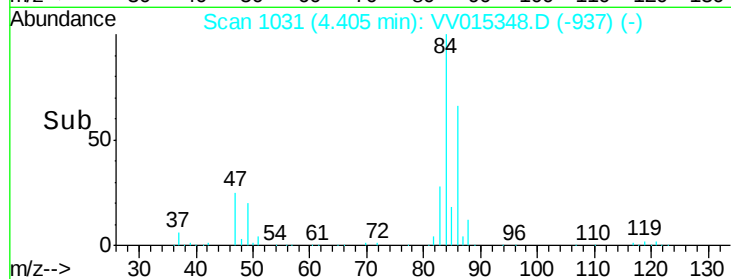
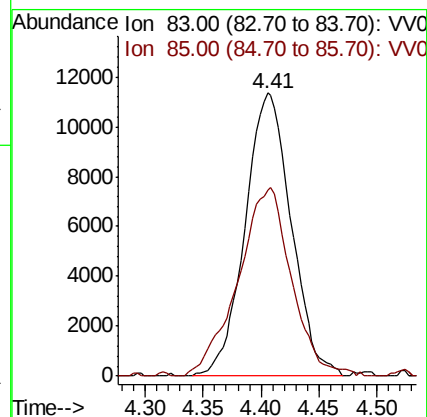
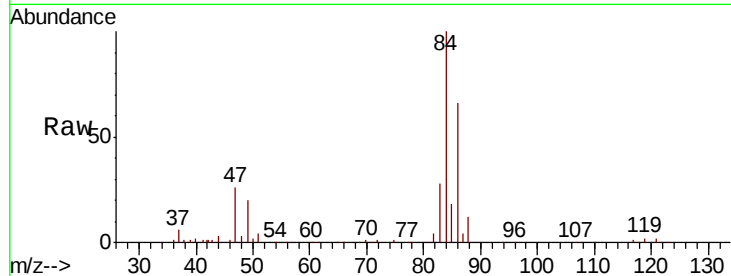




#25
Chloroform
Concen: 3.181 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

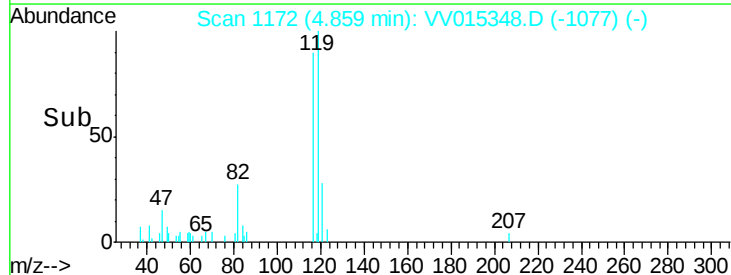
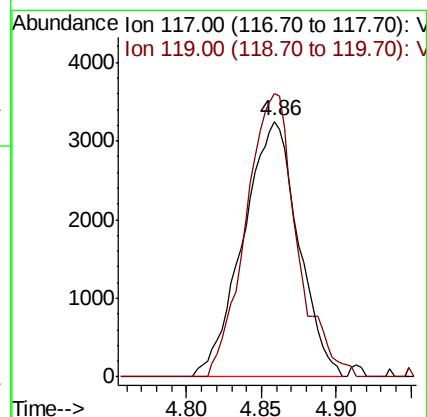
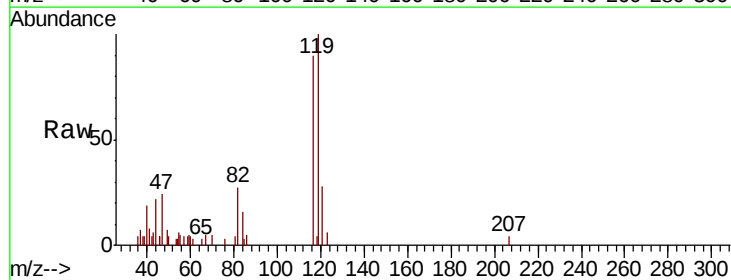
Instrument :
MSVOA_V
ClientSampleId :

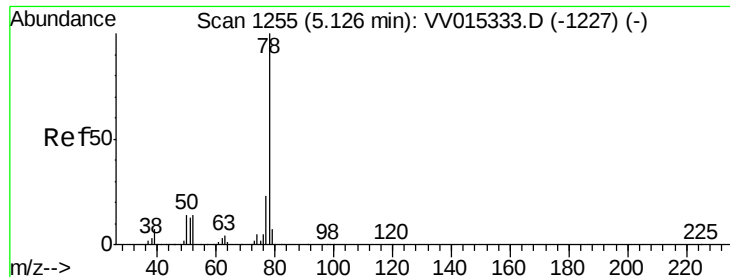
Tot Ion: 83 Resp: 31508
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.9



#31
Carbon tetrachloride
Concen: 1.069 ug/L
RT: 4.86 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

Tgt Ion: 117 Resp: 8353
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2





#33

Benzene

Concen: 82.778 ug/L

RT: 5.13 min Scan# 1255

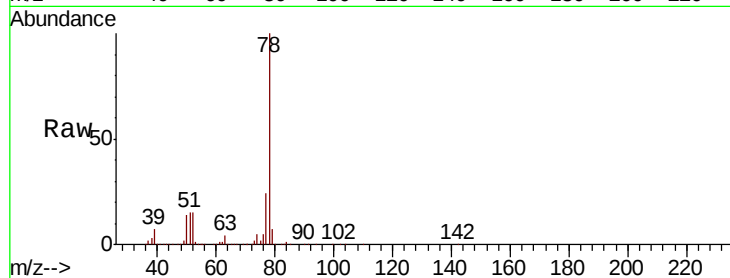
Delta R.T. -0.00 min

Lab File: VV015348.D

Acq: 01 Apr 2020 22:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 1741983



Abundance Ion 78.00 (77.70 to 78.70): VV0

5.13

800000

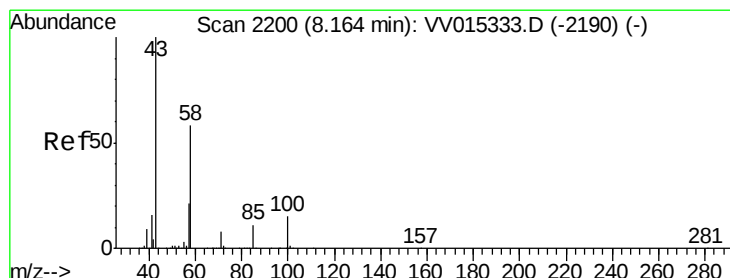
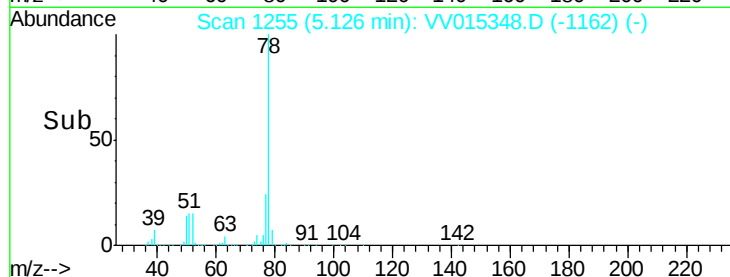
600000

400000

200000

0

Time--> 5.00 5.10 5.20



#48

2-Hexanone

Concen: 5.423 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015348.D

Acq: 01 Apr 2020 22:40

Tgt Ion: 43 Resp: 29819

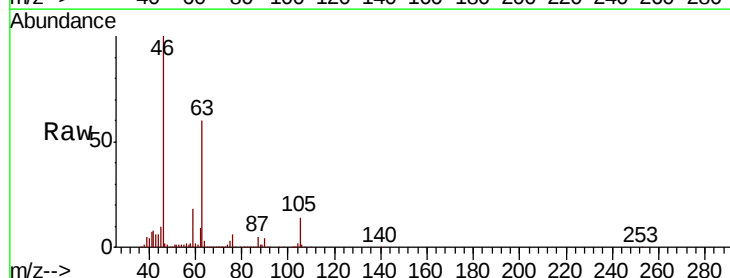
Ion Ratio Lower Upper

43 100

58 39.5 47.4 71.2#

57 19.5 16.7 25.1

100 0.2 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

8.12

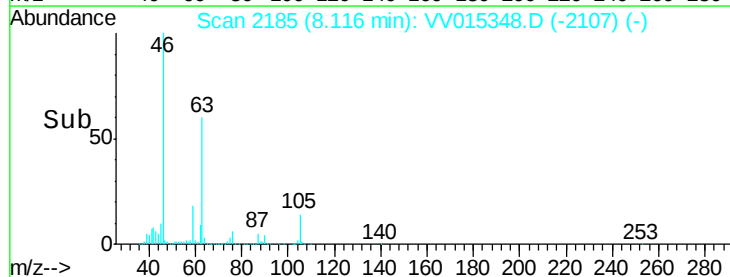
15000

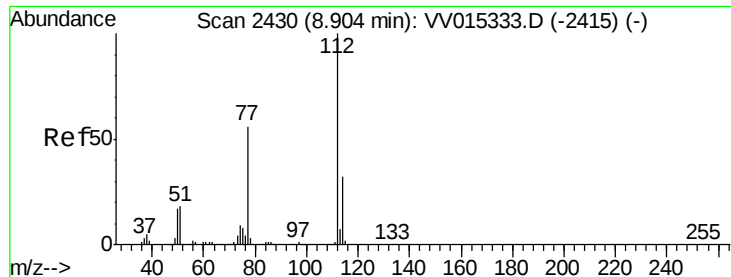
10000

5000

0

Time--> 8.05 8.10 8.15 8.20

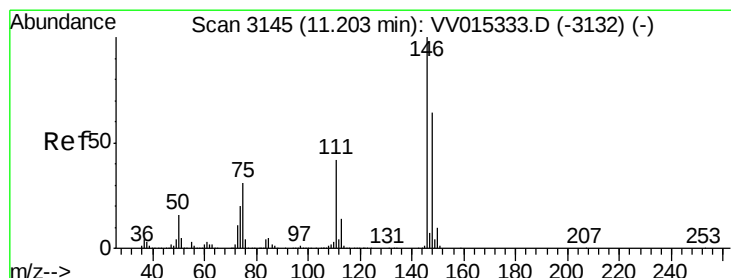
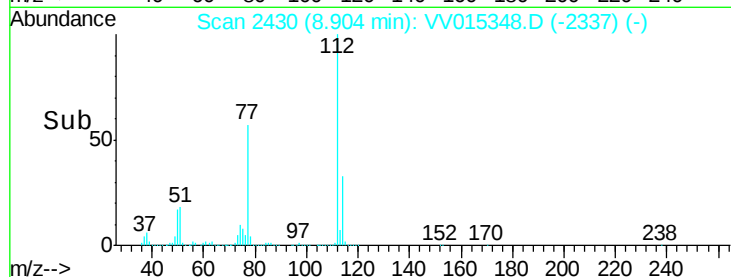
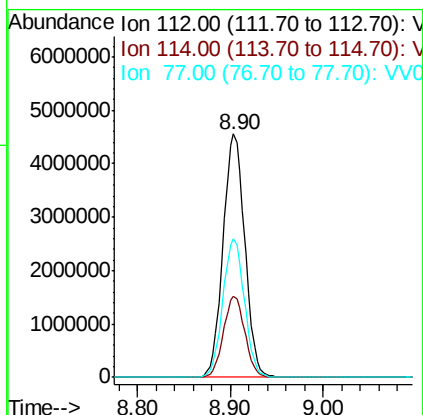
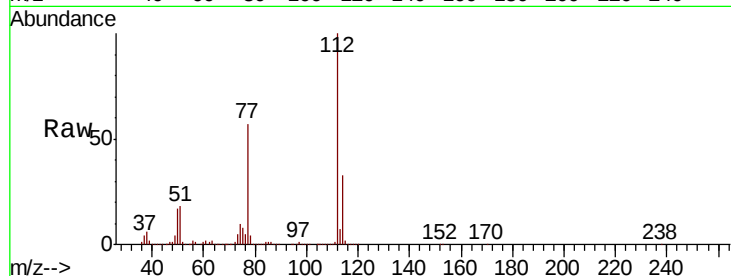




#51
Chlorobenzene
Concen: 482.768 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

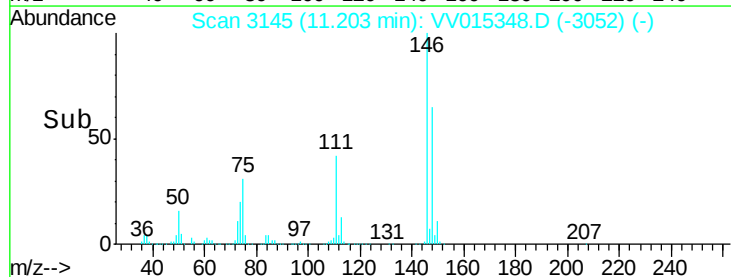
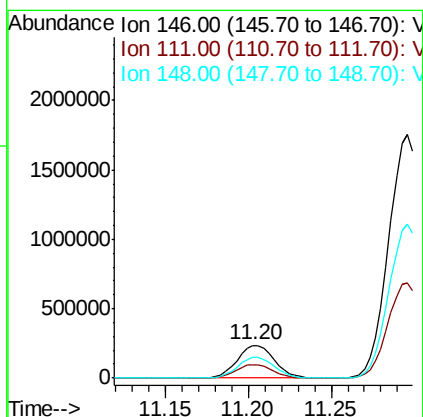
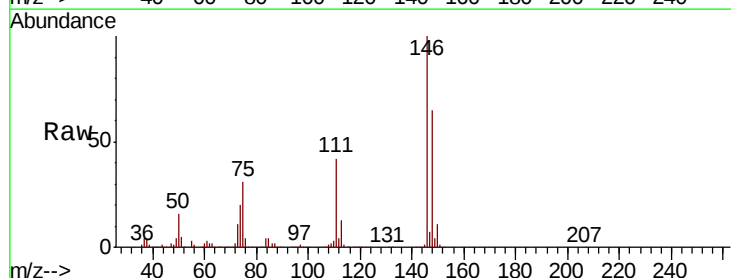
Instrument :
MSVOA_V
ClientSampleId :

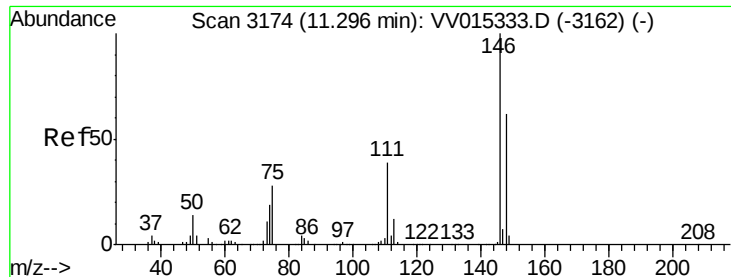
Tot Ion:112 Resp: 7399972
Ion Ratio Lower Upper
112 100
114 33.4 21.8 40.4
77 57.0 46.2 69.2



#62
1,3-Dichlorobenzene
Concen: 31.651 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. -0.00 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

Tgt Ion:146 Resp: 365301
Ion Ratio Lower Upper
146 100
111 42.1 30.2 56.2
148 64.7 44.7 83.1

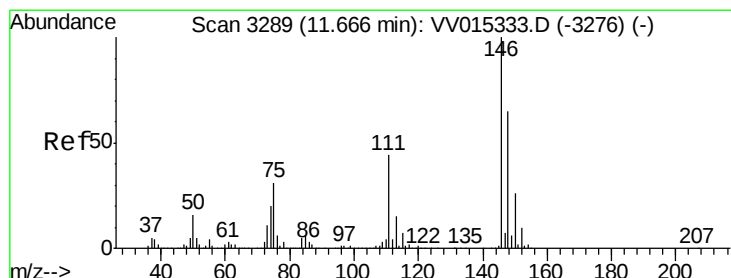
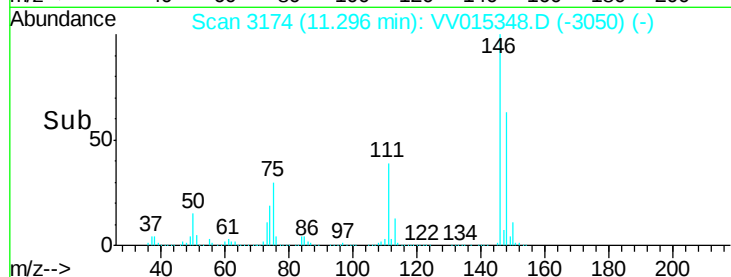
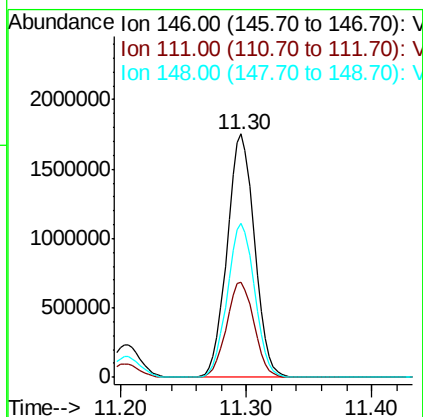
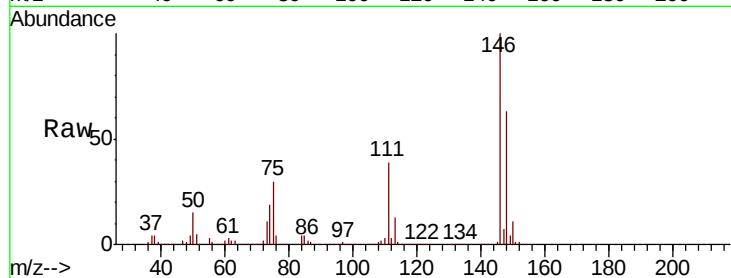




#63
 1,4-Dichlorobenzene
 Concen: 226.185 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

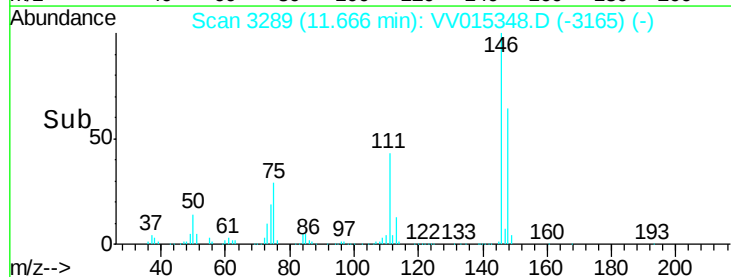
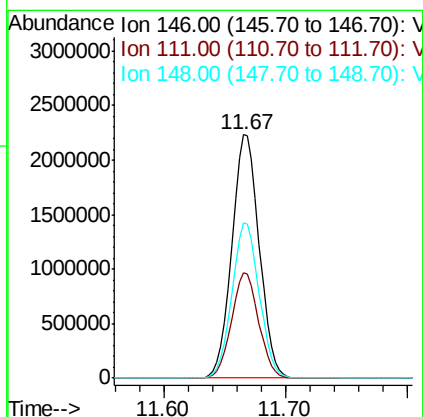
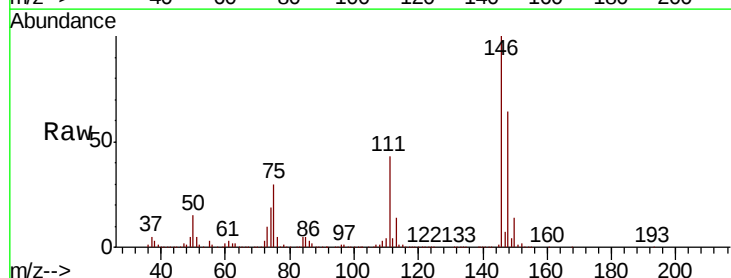
Instrument :
 MSVOA_V
 ClientSampleId :

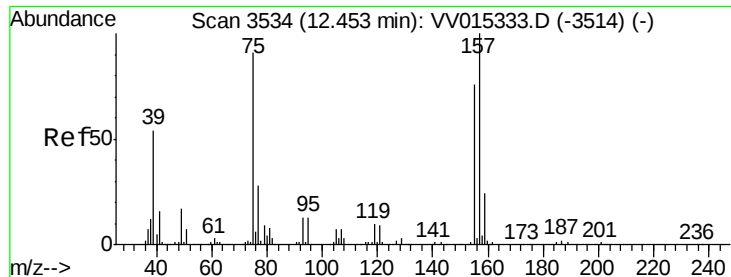
Tot Ion:146 Resp: 2647565
 Ion Ratio Lower Upper
 146 100
 111 39.3 29.3 54.5
 148 63.3 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 294.992 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Tgt Ion:146 Resp: 3472574
 Ion Ratio Lower Upper
 146 100
 111 43.1 35.1 52.7
 148 63.8 51.0 76.4

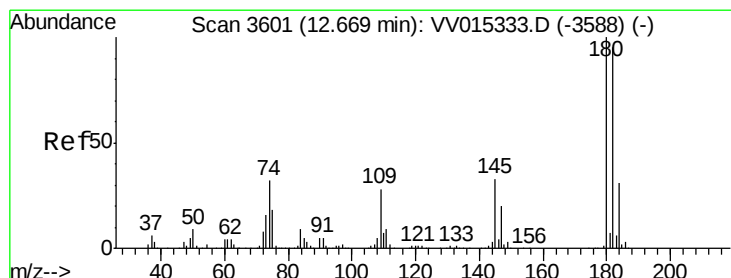
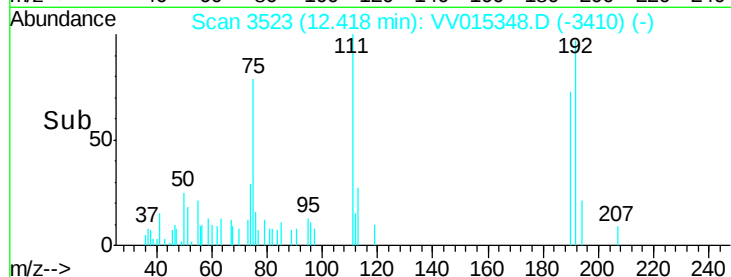
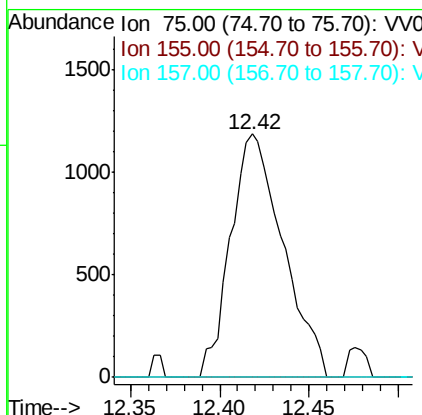
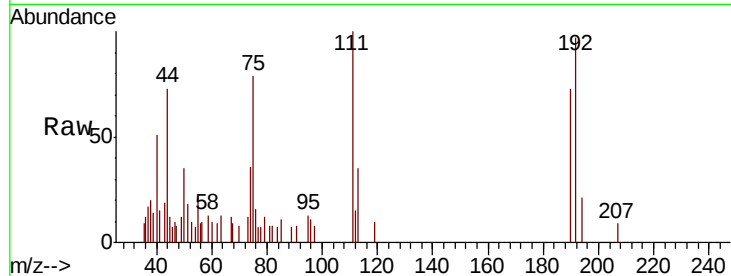




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.048 ug/L
 RT: 12.42 min Scan# 3523
 Delta R.T. -0.04 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

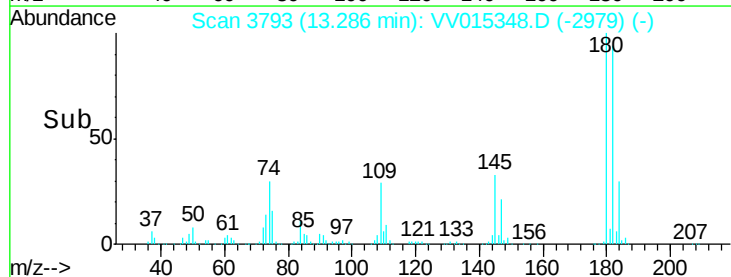
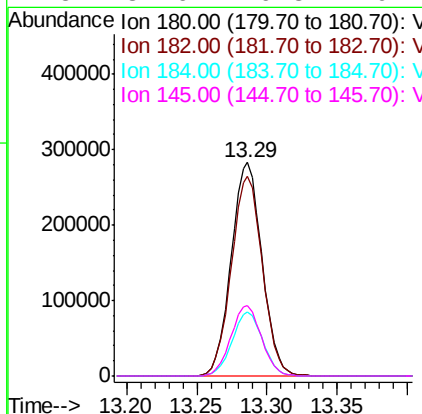
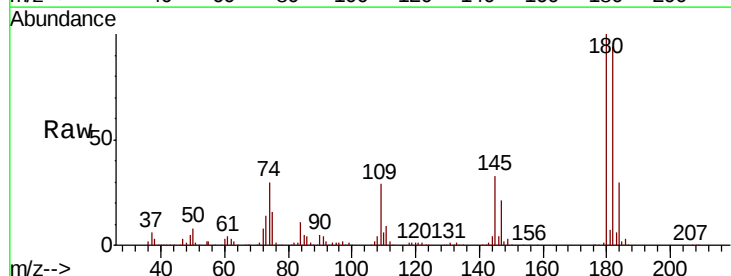
Instrument :
 MSVOA_V
 ClientSampleId :

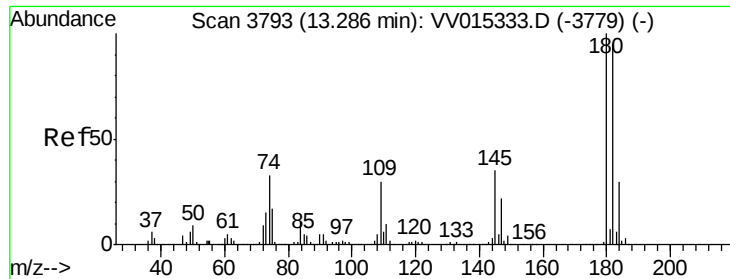
Tot Ion: 75 Resp: 2435
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.5 96.7#
 157 0.0 79.8 119.6#



#67
 1,3,5-Trichlorobenzene
 Concen: 56.686 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Tgt Ion: 180 Resp: 433586
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.7 112.1
 184 29.9 23.7 35.5
 145 32.6 26.8 40.2

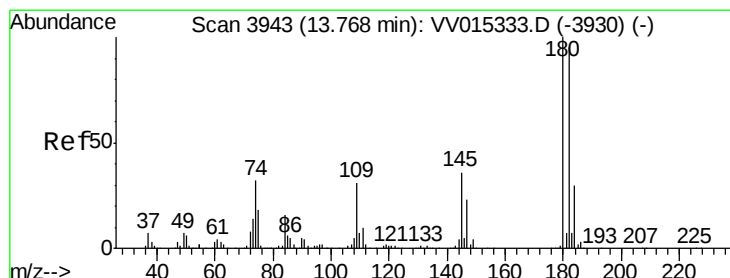
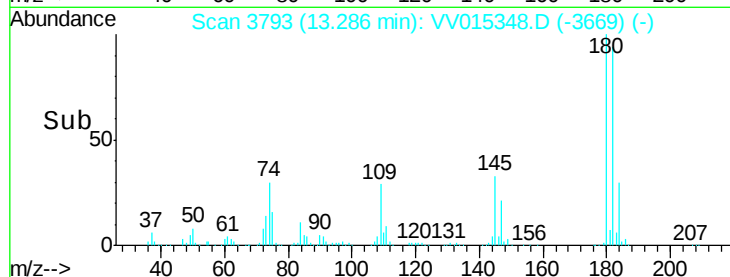
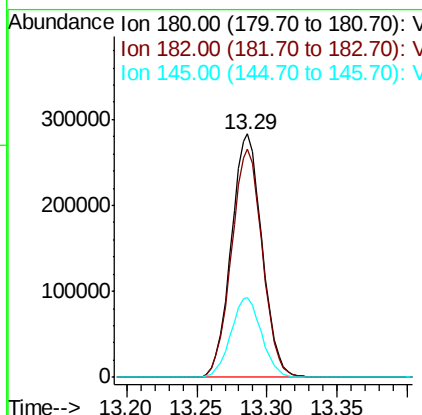
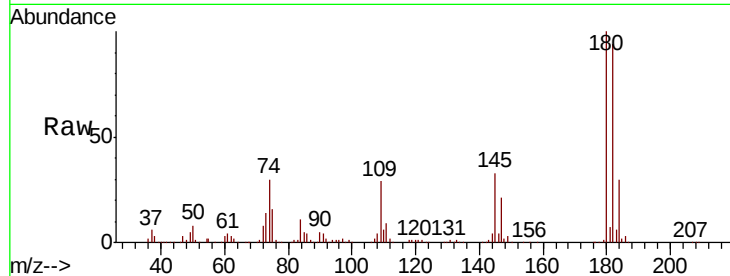




#68
 1,2,4-trichlorobenzene
 Concen: 62.059 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.8
145	32.6	27.7	41.5



#70
 1,2,3-Trichlorobenzene
 Concen: 16.690 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.1	114.1
145	34.3	28.2	42.4

