

Data File : VV015024.D
Acq On : 18 Mar 2020 19:35
Operator : SY/MD
Sample : L1941-09DL50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DB9DL

Quant Time: Mar 19 04:10:32 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	339203	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161915	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87060	54.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.86%
7) Chloroethane-d5	1.58	69	66807	53.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.50%
11) 1,1-Dichloroethene-d2	2.12	63	104785	38.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.36%
21) 2-Butanone-d5	3.93	46	109503	101.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.91%
24) Chloroform-d	4.38	84	202158	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.06	65	134923	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.64%
32) Benzene-d6	5.08	84	425291	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.82%
36) 1,2-Dichloropropane-d6	6.10	67	122257	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.90%
41) Toluene-d8	7.34	98	408274	52.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.74%
43) trans-1,3-Dichloropropene-	7.64	79	61588	50.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.68%
47) 2-Hexanone-d5	8.12	63	116733	111.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178292	52.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	179538	55.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.46%

Target Compounds

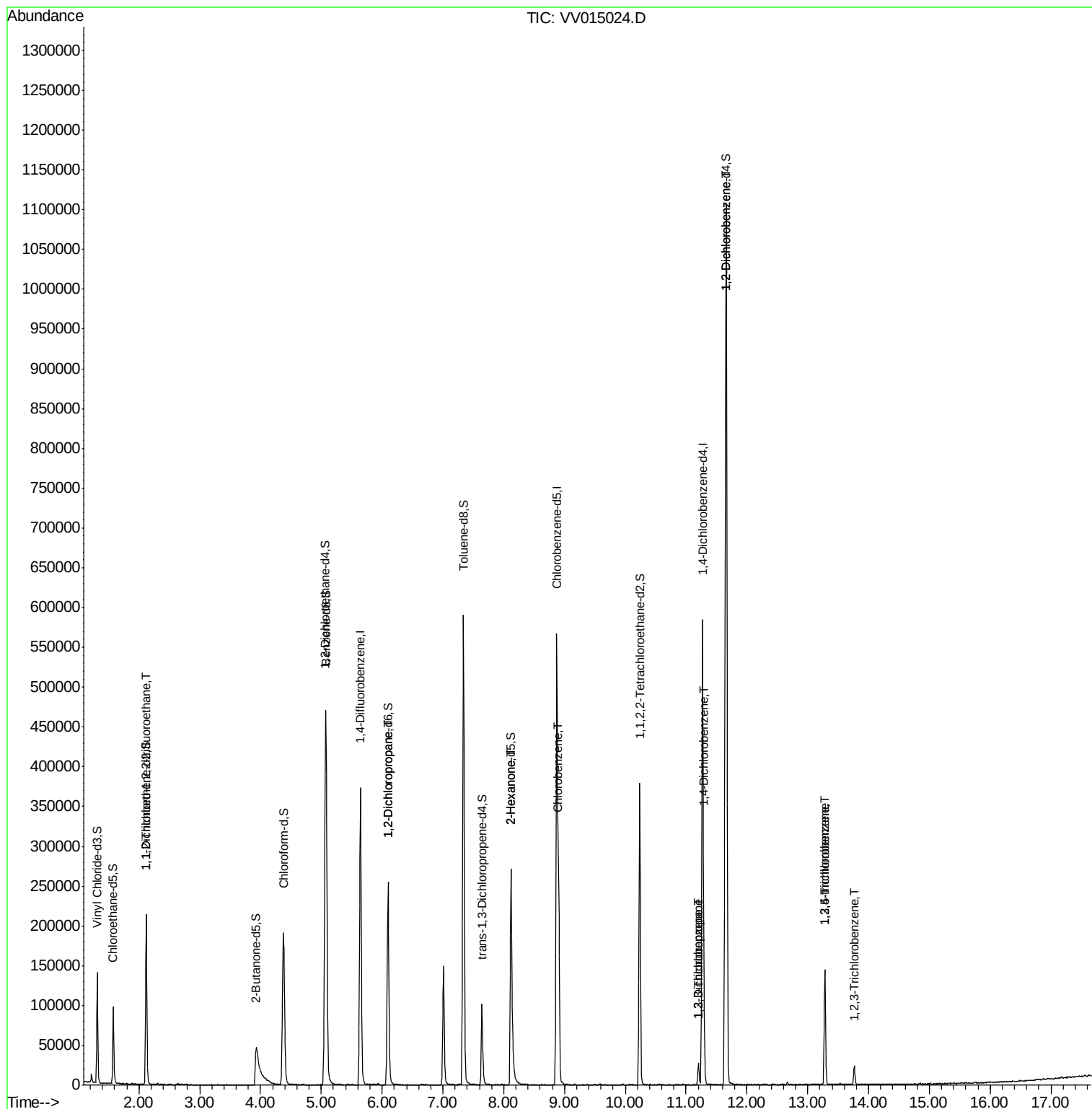
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1316	0.902	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	14023	7.258	ug/L #	84
48) 2-Hexanone	8.12	43	12912	6.459	ug/L #	69
51) Chlorobenzene	8.90	112	152422	24.003	ug/L	99
59) 1,2,3-Trichloropropane	11.20	75	2843	1.047	ug/L #	43
62) 1,3-Dichlorobenzene	11.20	146	11956	2.453	ug/L	95
63) 1,4-Dichlorobenzene	11.29	146	42666	8.410	ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	409607	79.127	ug/L	99
67) 1,3,5-Trichlorobenzene	13.28	180	48270	12.518	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	48270	13.593	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	8059	2.310	ug/L	95

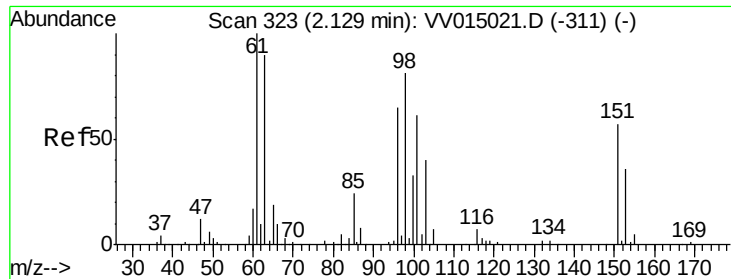
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.902 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015024.D

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Instrument :

MSVOA_V

ClientSampleId :

C0DB9DL

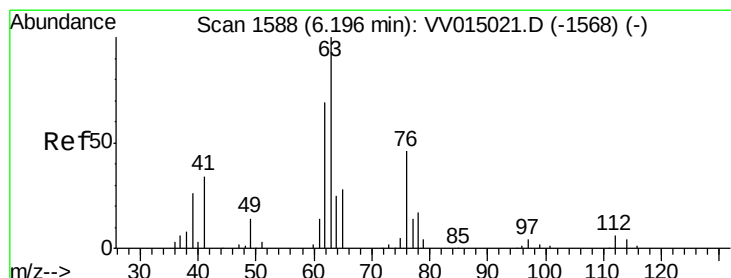
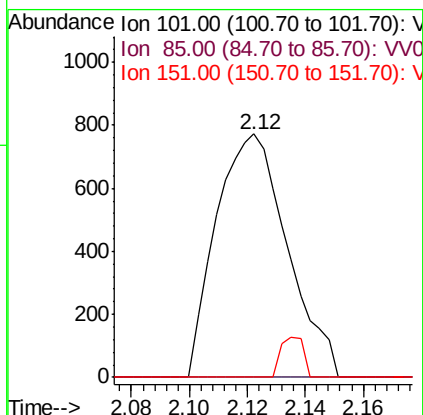
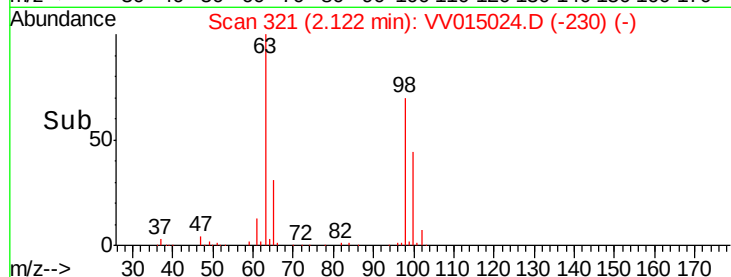
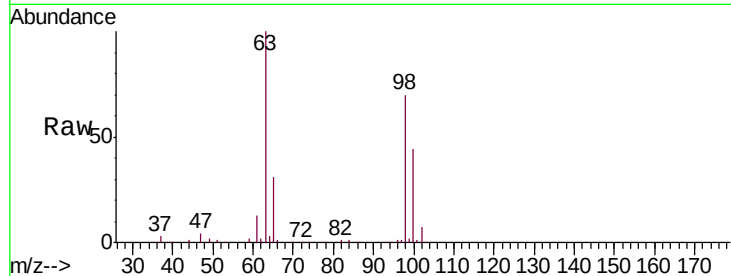
Tgt Ion:101 Resp: 1316

Ion Ratio Lower Upper

101 100

85 0.0 33.2 49.8#

151 5.2 72.6 109.0#



#37

1,2-Dichloropropane

Concen: 7.258 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015024.D

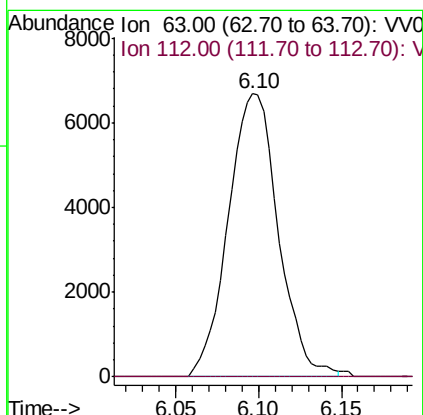
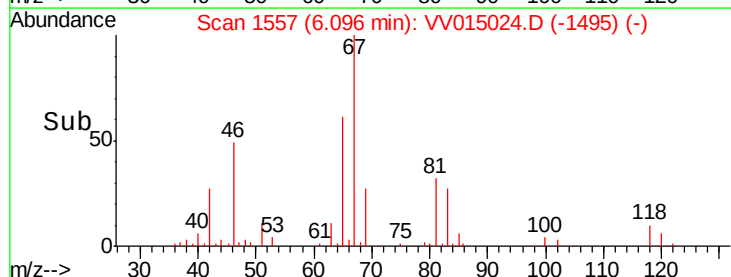
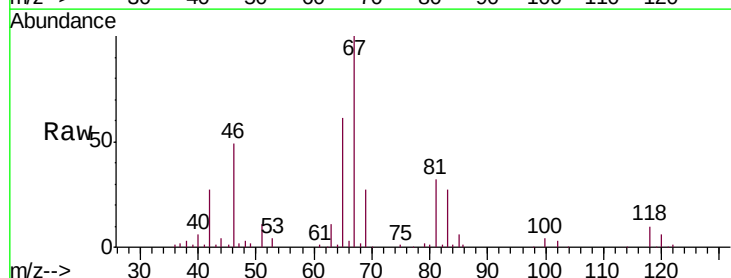
Acq: 18 Mar 2020 19:35

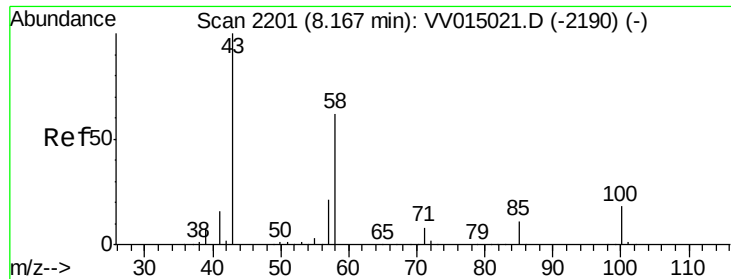
Tgt Ion: 63 Resp: 14023

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#

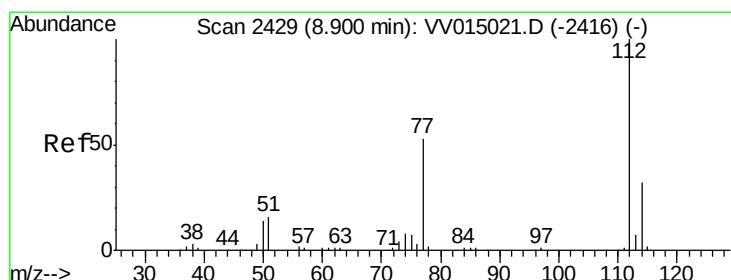
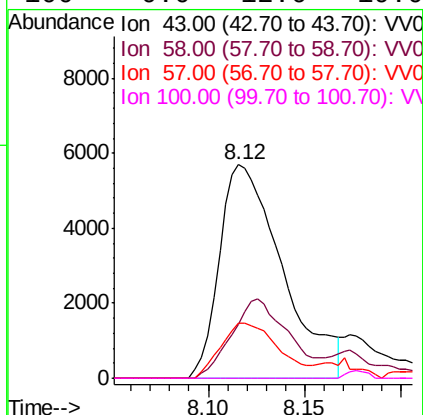
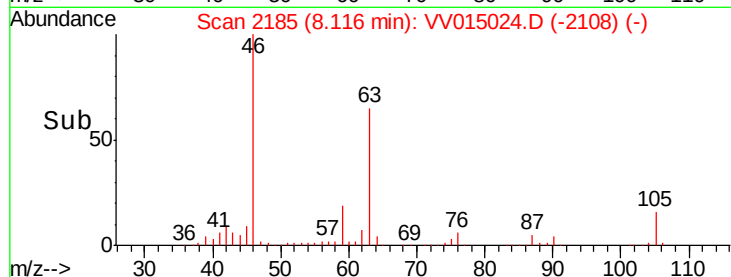
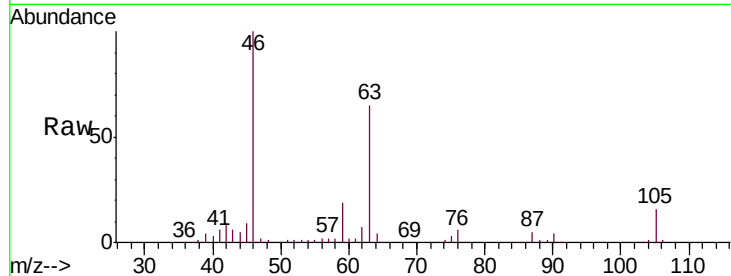




#48
2-Hexanone
Concen: 6.459 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015024.D
Acq: 18 Mar 2020 19:35

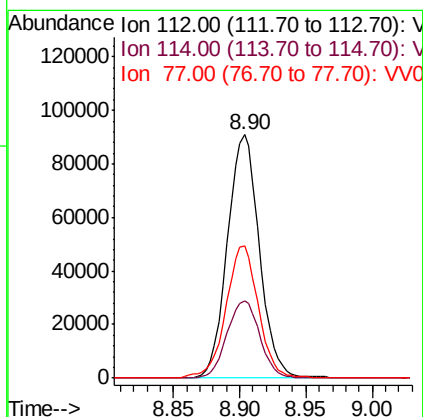
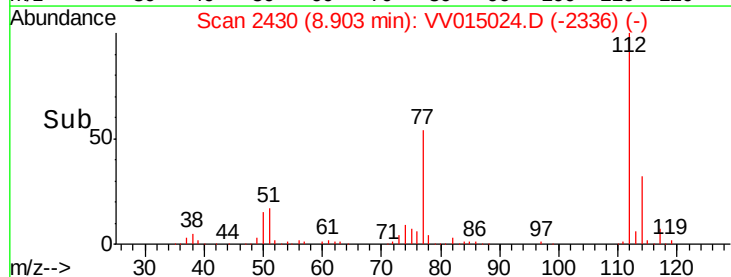
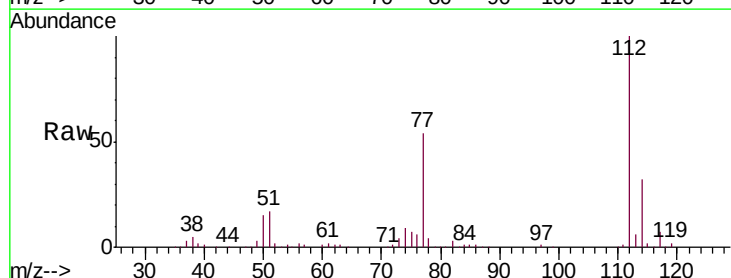
Instrument :
MSVOA_V
ClientSampleId :
C0DB9DL

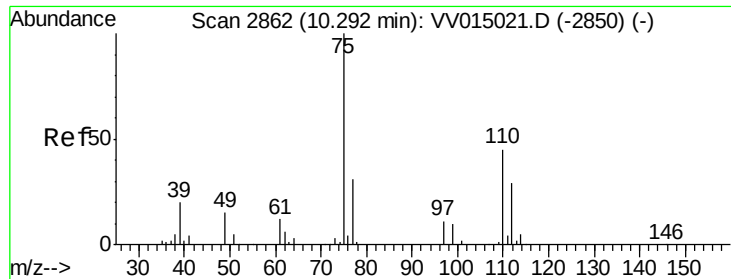
Tgt Ion:	43	Resp:	12912
Ion	Ratio	Lower	Upper
43	100		
58	32.6	48.2	72.2#
57	23.9	15.8	23.6#
100	0.0	12.6	19.0#



#51
Chlorobenzene
Concen: 24.003 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015024.D
Acq: 18 Mar 2020 19:35

Tgt Ion:	112	Resp:	152422
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.4	41.6
77	54.4	42.9	64.3





#59

1,2,3-Trichloropropane

Concen: 1.047 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.91 min

Lab File: VV015024.D

Acq: 18 Mar 2020 19:35

Instrument :

MSVOA_V

ClientSampleId :

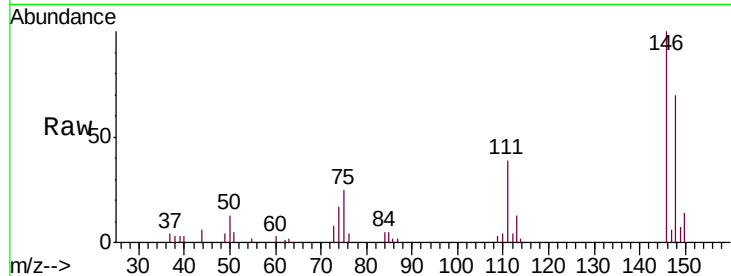
C0DB9DL

Tgt Ion: 75 Resp: 2843

Ion Ratio Lower Upper

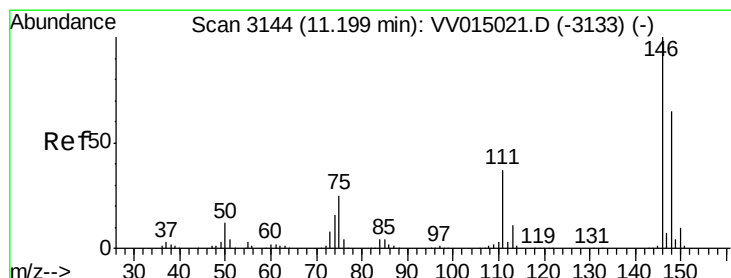
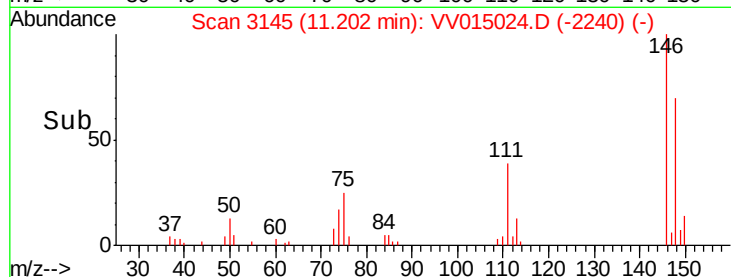
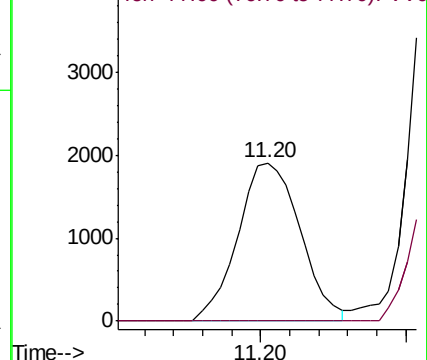
75 100

77 0.8 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#62

1,3-Dichlorobenzene

Concen: 2.453 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015024.D

Acq: 18 Mar 2020 19:35

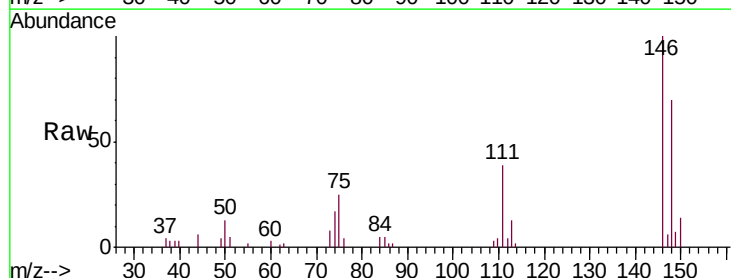
Tgt Ion: 146 Resp: 11956

Ion Ratio Lower Upper

146 100

111 39.0 25.7 47.7

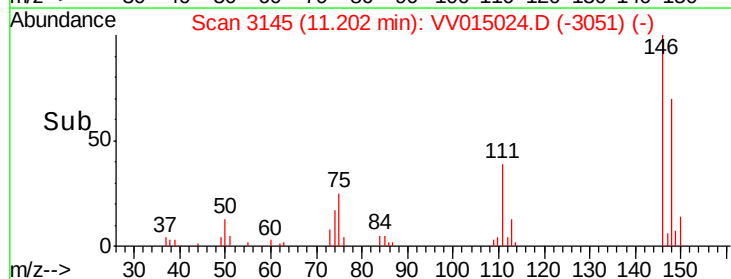
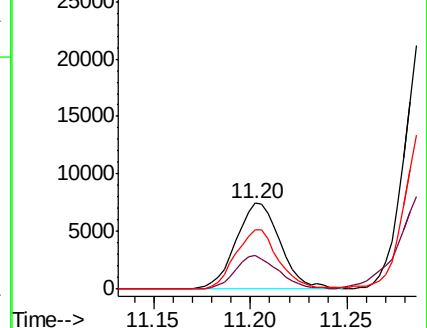
148 69.7 45.4 84.4

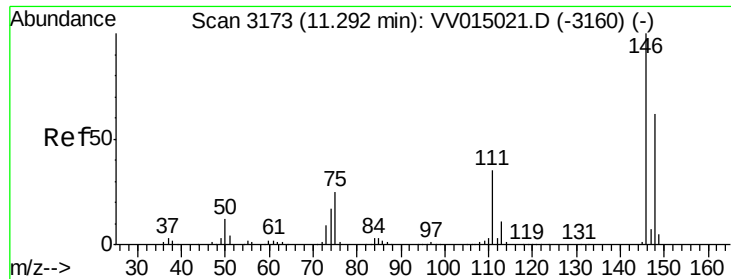


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

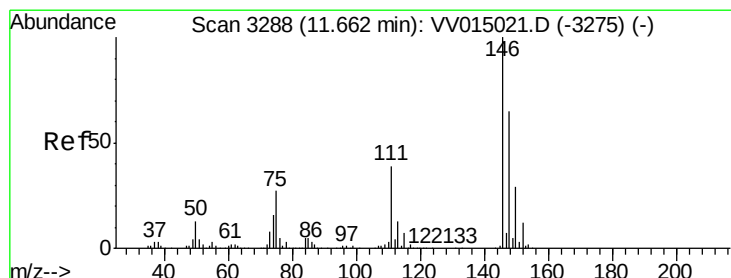
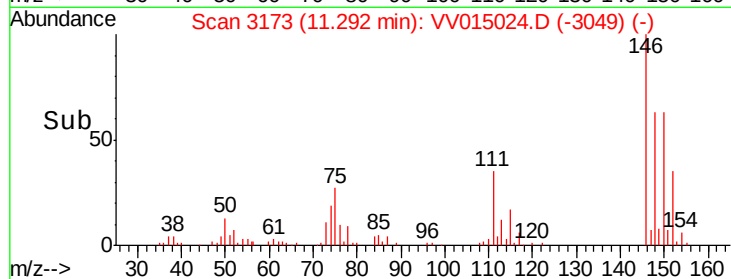
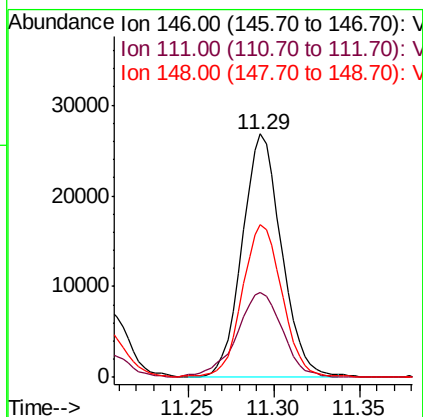
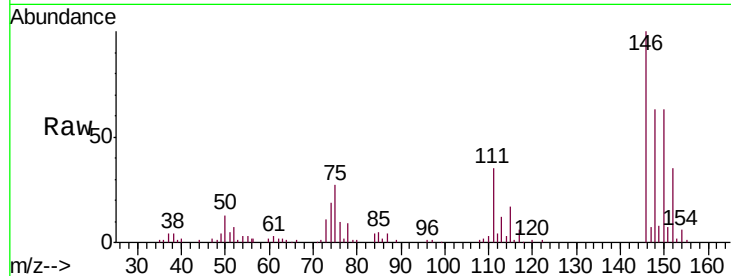




#63
 1,4-Dichlorobenzene
 Concen: 8.410 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV015024.D
 Acq: 18 Mar 2020 19:35

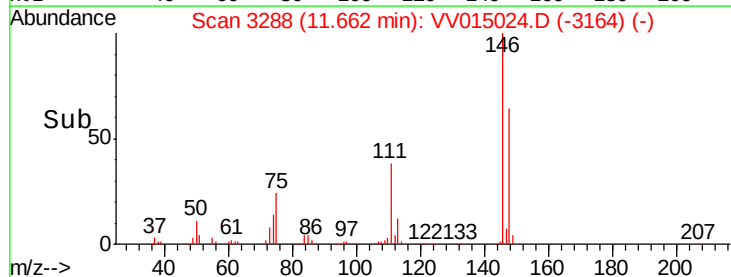
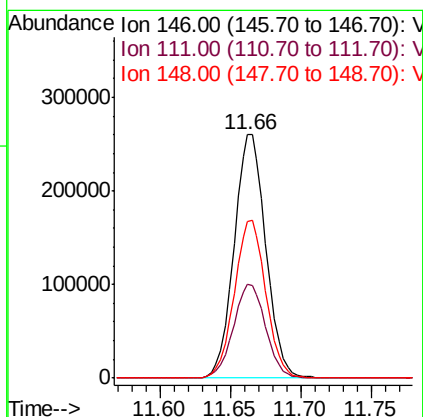
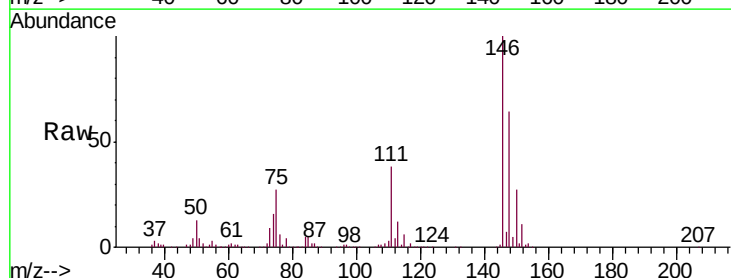
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB9DL

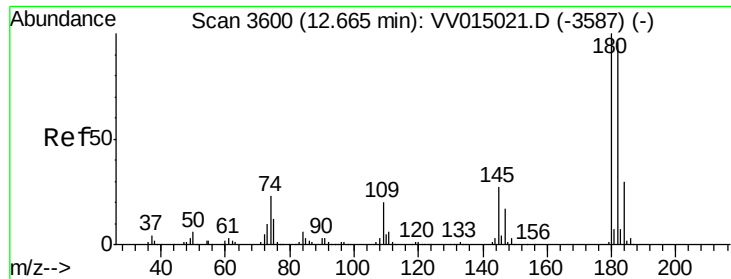
Tgt Ion:146 Resp: 42666
 Ion Ratio Lower Upper
 146 100
 111 34.8 25.8 48.0
 148 62.6 45.7 84.9



#65
 1,2-Dichlorobenzene
 Concen: 79.127 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: VV015024.D
 Acq: 18 Mar 2020 19:35

Tgt Ion:146 Resp: 409607
 Ion Ratio Lower Upper
 146 100
 111 38.4 31.5 47.3
 148 64.2 51.7 77.5

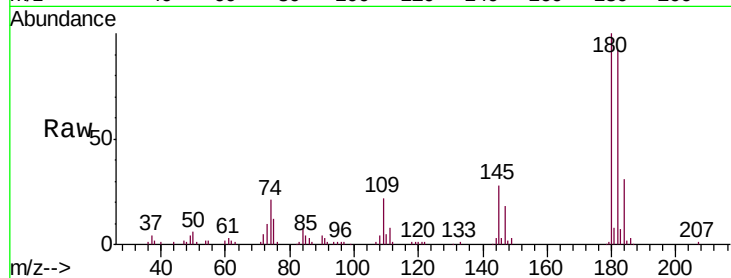




#67
 1,3,5-Trichlorobenzene
 Concen: 12.518 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV015024.D
 Acq: 18 Mar 2020 19:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB9DL

Tgt Ion:	180	Resp:	48270
Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.2	112.8
184	31.9	23.9	35.9
145	28.2	22.0	33.0



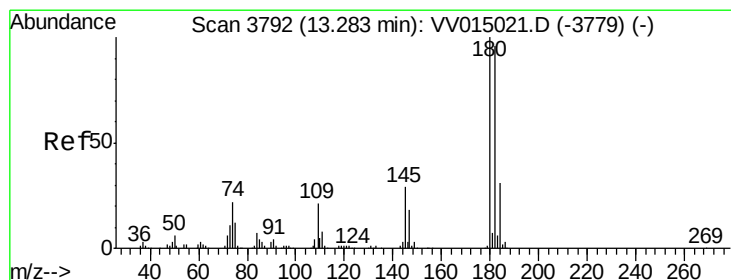
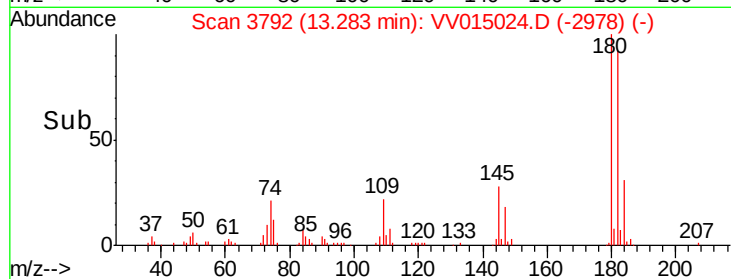
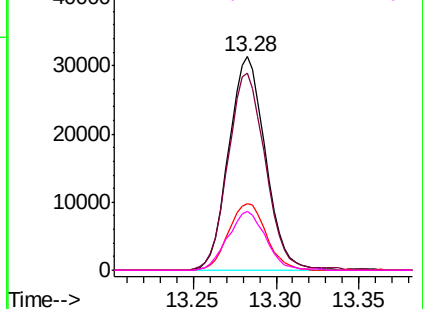
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

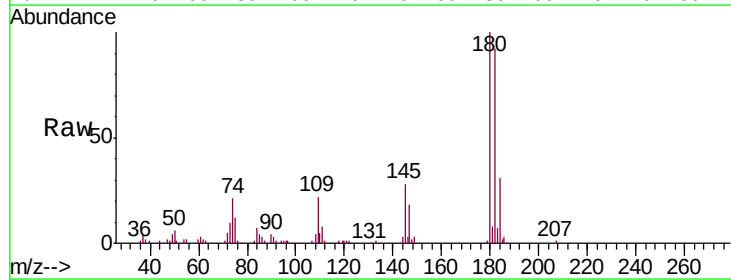
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 13.593 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV015024.D
 Acq: 18 Mar 2020 19:35

Tgt Ion:	180	Resp:	48270
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.3	114.5
145	28.2	22.2	33.4

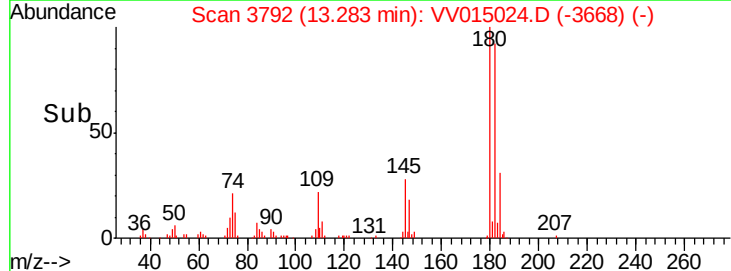
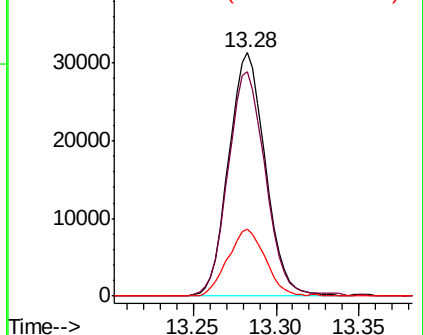


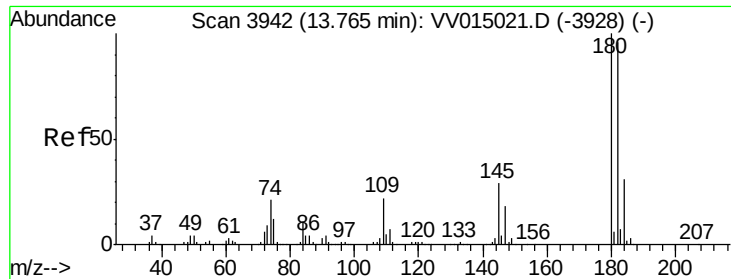
Abundance

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: 2.310 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. -0.00 min
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 Acq: 18 Mar 2020 19:35

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Tgt Ion:	180	Resp:	8059
Ion	Ratio	Lower	Upper
180	100		
182	99.3	75.5	113.3
145	31.7	23.5	35.3

