

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015034.D
 Acq On : 18 Mar 2020 23:38
 Operator : SY/MD
 Sample : L1941-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC4

Manual Integrations
 APPROVED

sam
 3/19/2020 11:30:54 AM

Quant Time: Mar 19 05:44:27 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	329887	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320299	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80197	52.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.06%
7) Chloroethane-d5	1.58	69	65044	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.62%
11) 1,1-Dichloroethene-d2	2.12	63	102481	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.80%
21) 2-Butanone-d5	3.93	46	102620m	98.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.20%
24) Chloroform-d	4.38	84	198924	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
26) 1,2-Dichloroethane-d4	5.06	65	126979	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
32) Benzene-d6	5.08	84	406246	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.90%
36) 1,2-Dichloropropane-d6	6.10	67	117880	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.34	98	401578	52.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	7.64	79	58481	49.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.38%
47) 2-Hexanone-d5	8.12	63	102399	99.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.93%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	170115	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	167839	52.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.12%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	6896	1.781 ug/L	98
51) Chlorobenzene	8.90	112	11545	1.853 ug/L	94
62) 1,3-Dichlorobenzene	11.20	146	6769	1.400 ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	19356	3.847 ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	60010	11.689 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	34993	9.936 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	10004	2.891 ug/L	99

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

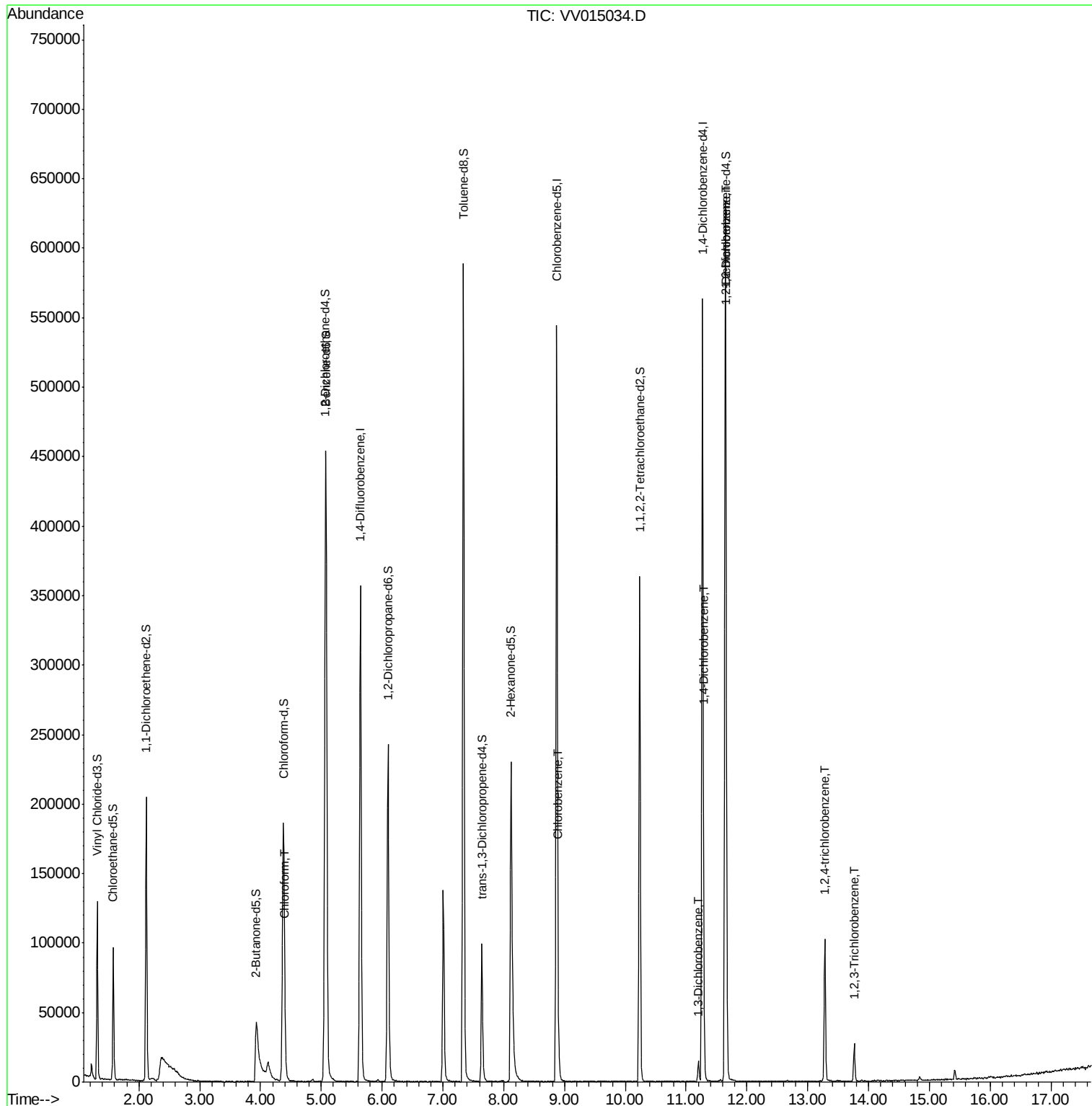
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031820\
Data File : VV015034.D
Acq On : 18 Mar 2020 23:38
Operator : SY/MD
Sample : L1941-13
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

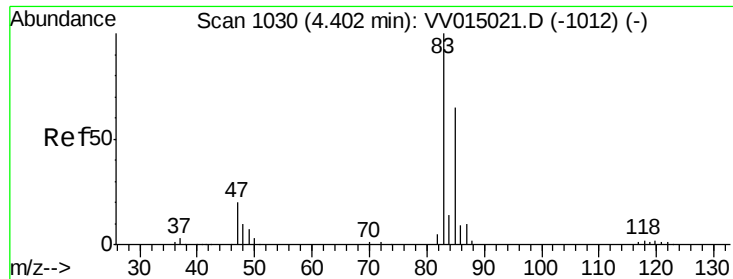
Instrument :
MSVOA_V
ClientSampleId :
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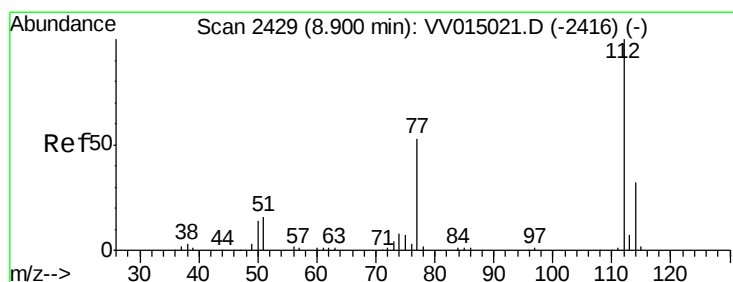
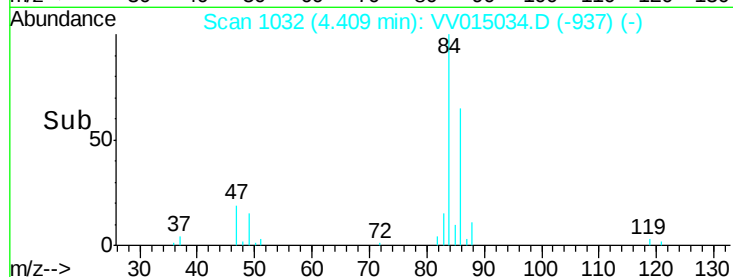
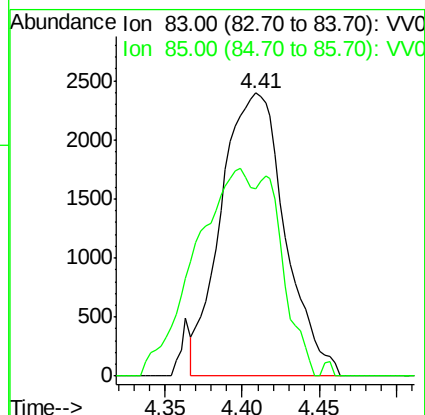
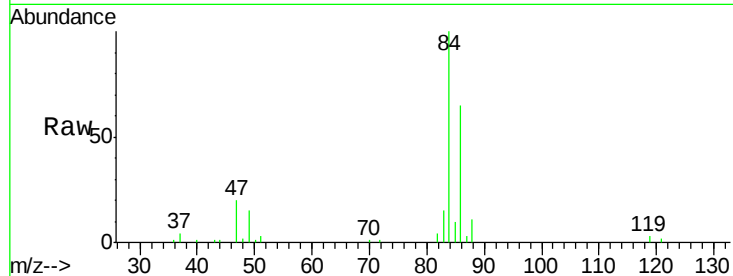
#25
Chloroform
Concen: 1.781 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015034.D
Acq: 18 Mar 2020 23:38

Instrument :
MSVOA_V
ClientSampled :
C0DC4

Tot Ion: 83 Resp: 6896
Ion Ratio Lower Upper
83 100
85 66.3 45.4 84.4

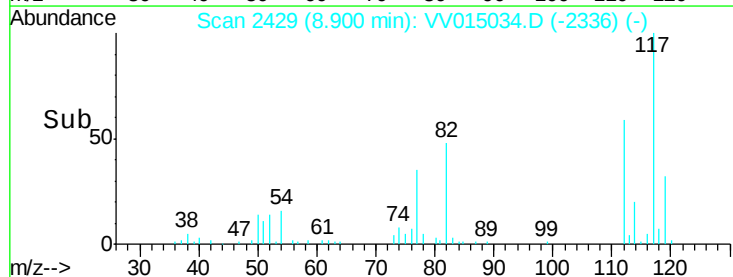
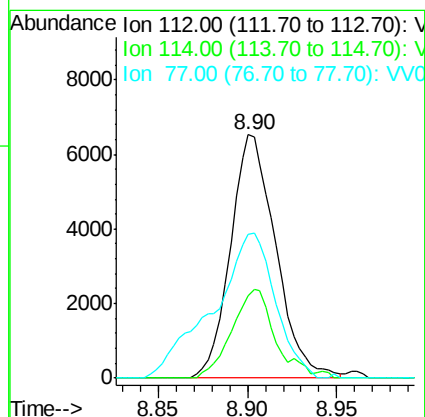
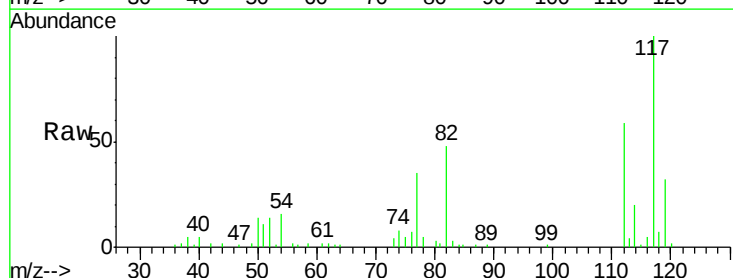
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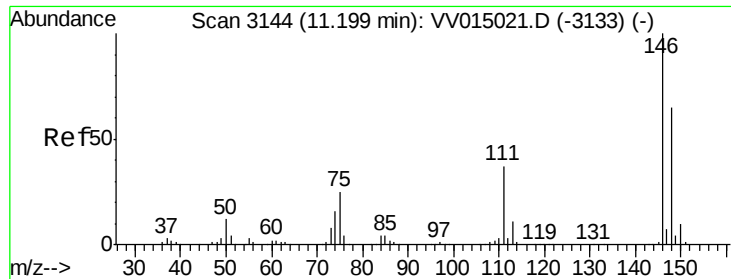
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#51
Chlorobenzene
Concen: 1.853 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV015034.D
Acq: 18 Mar 2020 23:38

Tgt Ion: 112 Resp: 11545
Ion Ratio Lower Upper
112 100
114 33.6 22.4 41.6
77 58.8 42.9 64.3





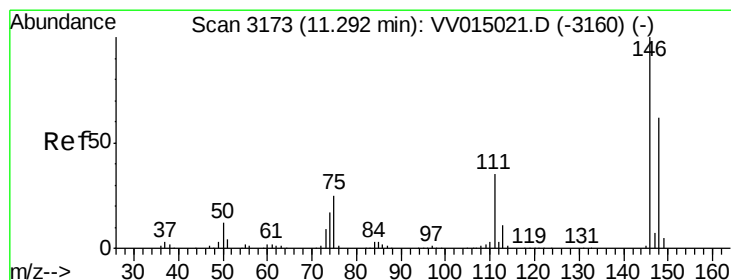
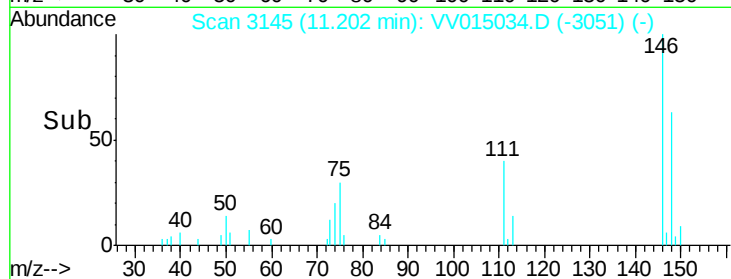
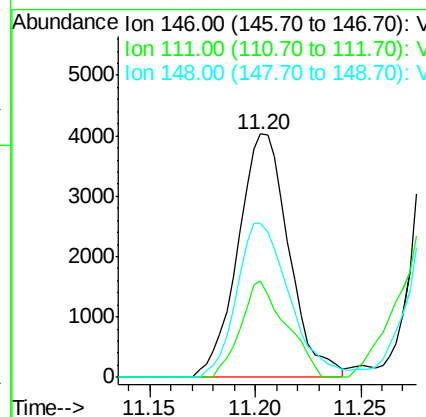
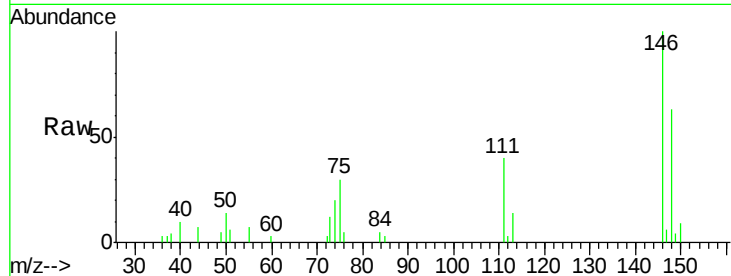
#62
 1,3-Dichlorobenzene
 Concen: 1.400 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015034.D
 Acq: 18 Mar 2020 23:38

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC4

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	25.7	47.7
148	63.4	45.4	84.4

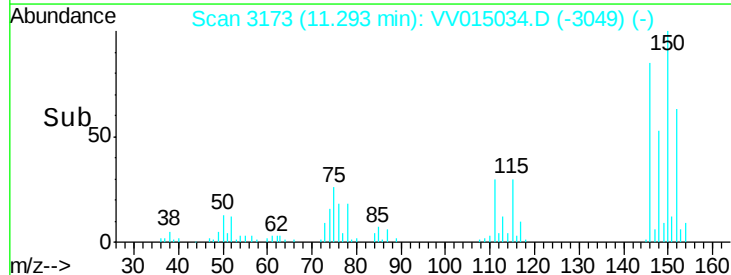
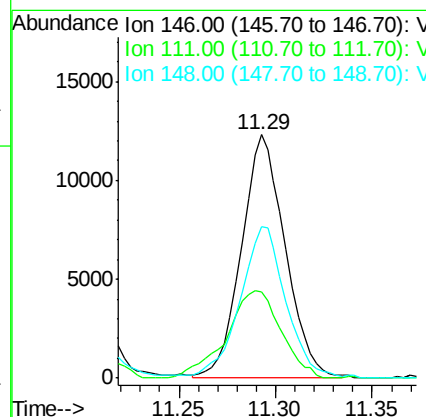
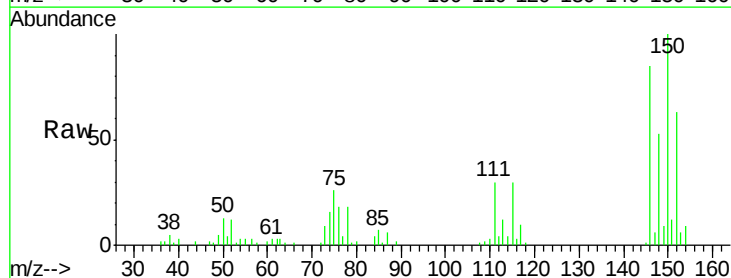
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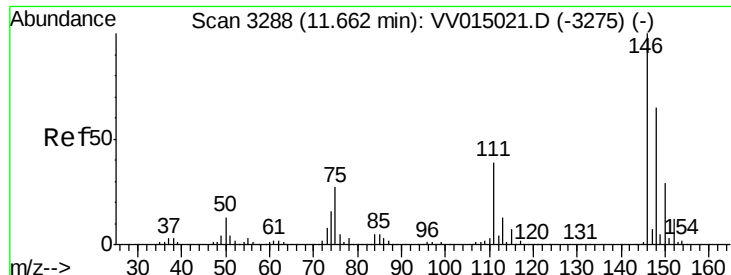
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#63
 1,4-Dichlorobenzene
 Concen: 3.847 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015034.D
 Acq: 18 Mar 2020 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	25.8	48.0
148	62.1	45.7	84.9





#65

1,2-Dichlorobenzene

Concen: 11.689 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. 0.00 min

Lab File: VV015034.D

Acq: 18 Mar 2020 23:38

Instrument :

MSVOA_V

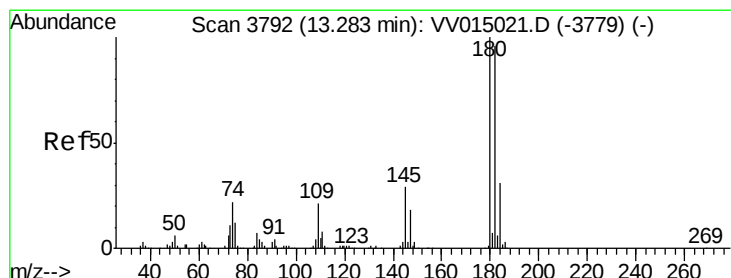
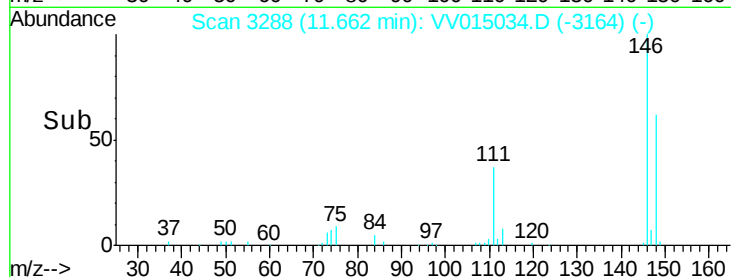
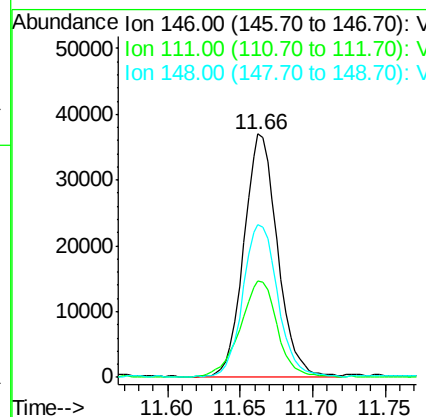
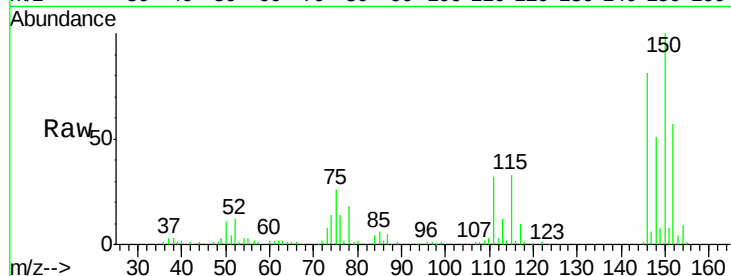
ClientSampled :

C0DC4

Tot Ion:	146	Resp:	60010
Ion Ratio	Lower	Upper	
146	100		
111	39.7	31.5	47.3
148	62.8	51.7	77.5

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#68

1,2,4-trichlorobenzene

Concen: 9.936 ug/L

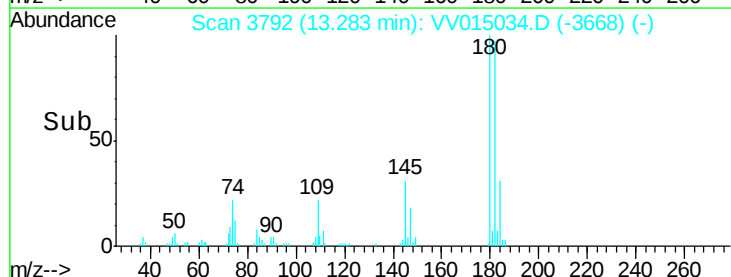
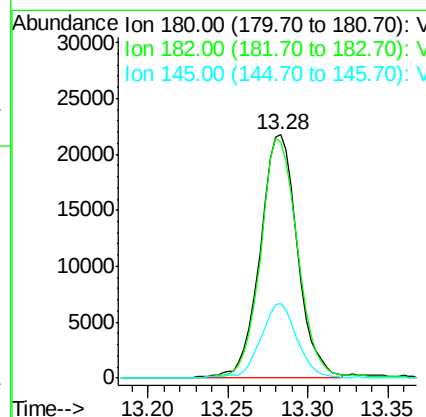
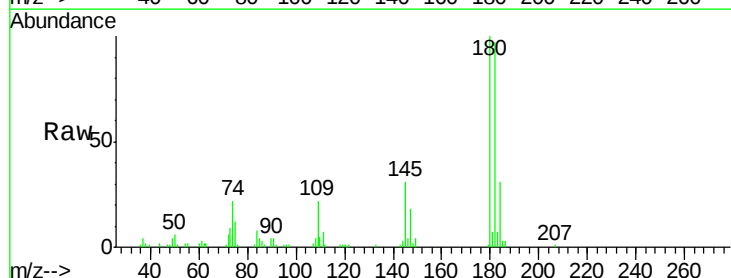
RT: 13.28 min Scan# 3792

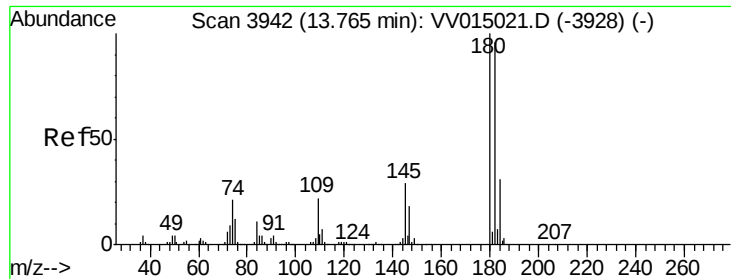
Delta R.T. 0.00 min

Lab File: VV015034.D

Acq: 18 Mar 2020 23:38

Tgt Ion:	180	Resp:	34993
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.3	114.5
145	29.5	22.2	33.4





#70
 1,2,3-Trichlorobenzene
 Concen: 2.891 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV015034.D
 Acq: 18 Mar 2020 23:38

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC4

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.5	113.3
145	29.7	23.5	35.3

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