

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015033.D
 Acq On : 18 Mar 2020 23:14
 Operator : SY/MD
 Sample : L1941-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC3

Quant Time: Mar 19 05:38:39 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	335178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335030	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79202	50.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.14%
7) Chloroethane-d5	1.58	69	63837	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.12	63	99650	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	3.93	46	94847	89.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.33%
24) Chloroform-d	4.38	84	194347	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
26) 1,2-Dichloroethane-d4	5.06	65	124673	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.08	84	396470	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
36) 1,2-Dichloropropane-d6	6.10	67	117378	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.92%
41) Toluene-d8	7.34	98	397193	49.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.26%
43) trans-1,3-Dichloropropene-	7.64	79	57432	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.12	63	103333	96.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	168524	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	191379	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%

Target Compounds

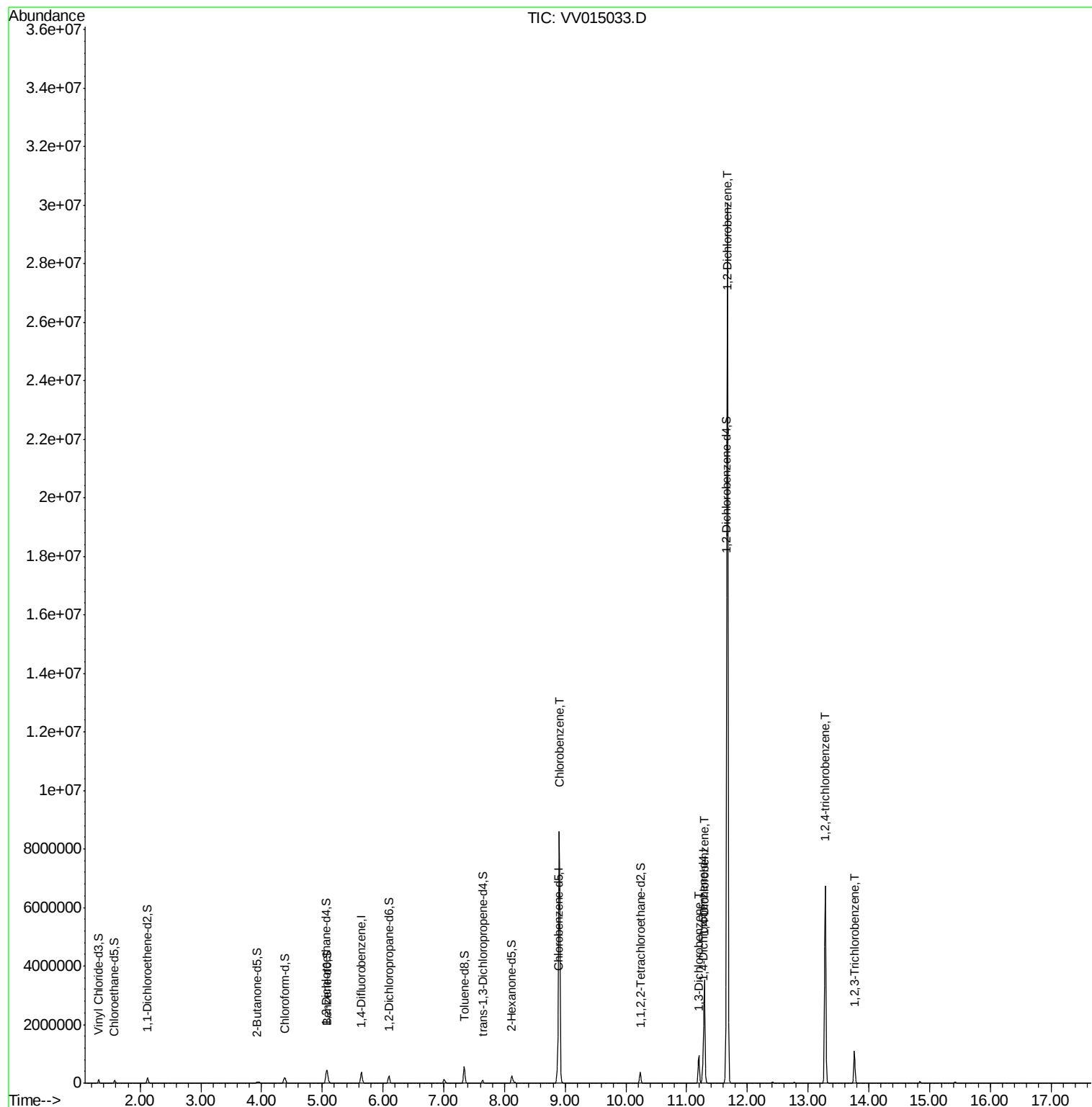
					Ovalue
51) Chlorobenzene	8.90	112	4759718	730.171	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	415196	73.687	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	1466558	250.046	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	13099540	2188.787	ug/L 94
68) 1,2,4-trichlorobenzene	13.28	180	2186295	532.522	ug/L 99
70) 1,2,3-Trichlorobenzene	13.76	180	360042	89.264	ug/L 99

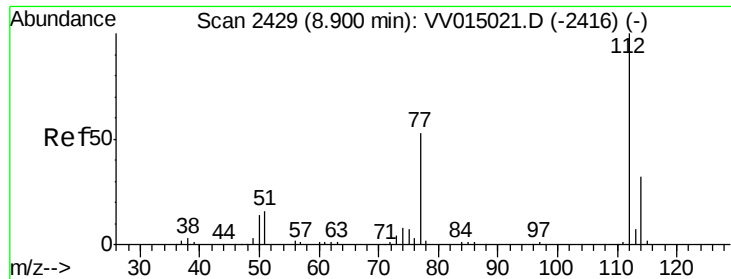
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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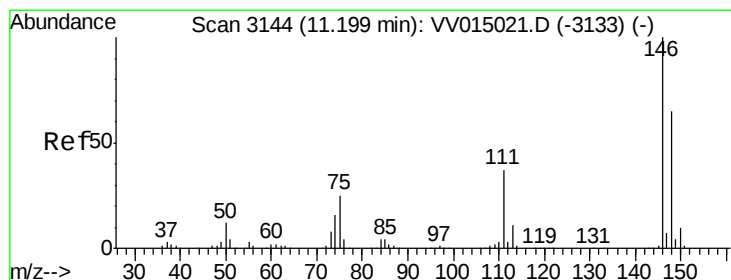
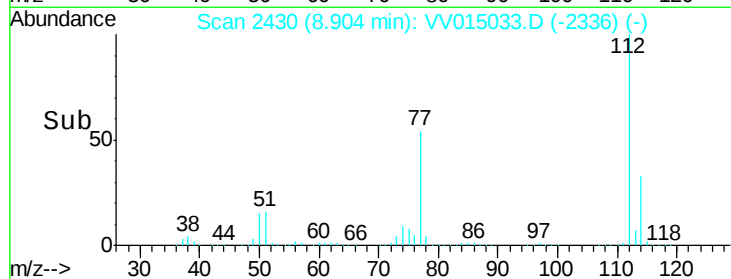
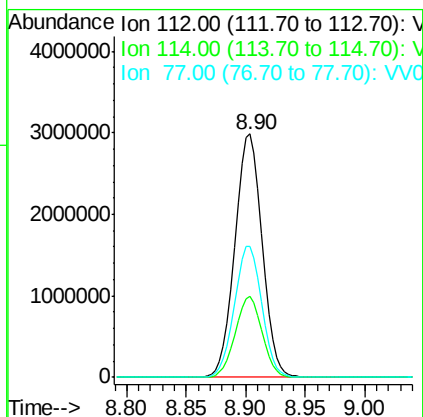
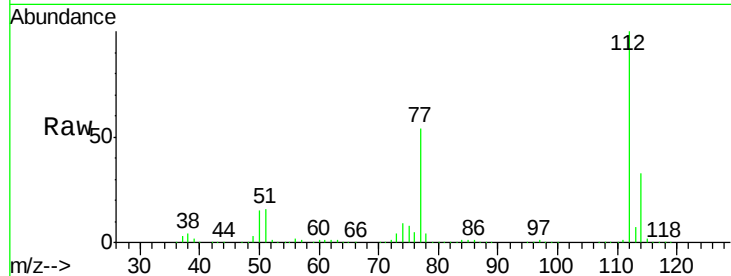




#51
Chlorobenzene
Concen: 730.171 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015033.D
Acq: 18 Mar 2020 23:14

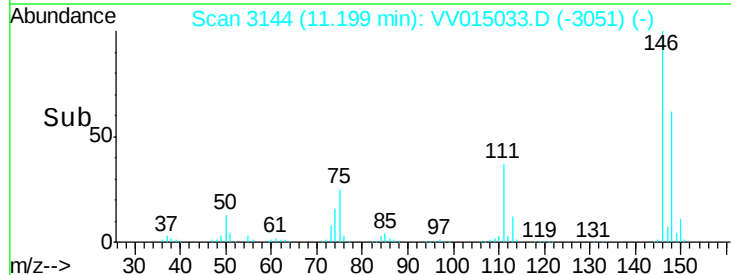
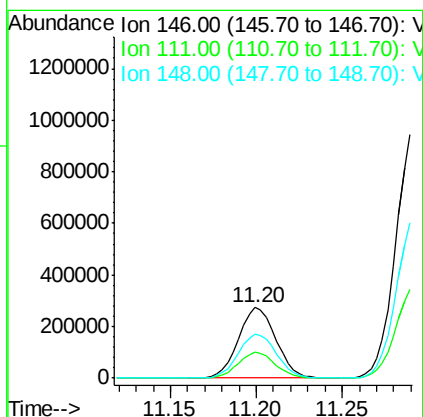
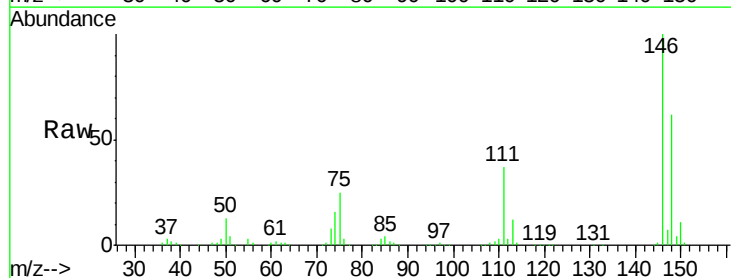
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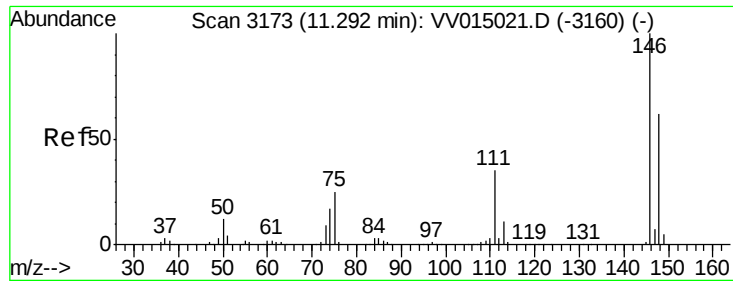
Tot Ion:112 Resp: 4759718
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 53.9 42.9 64.3



#62
1,3-Dichlorobenzene
Concen: 73.687 ug/L
RT: 11.20 min Scan# 3144
Delta R.T. 0.00 min
Lab File: VV015033.D
Acq: 18 Mar 2020 23:14

Tgt Ion:146 Resp: 415196
Ion Ratio Lower Upper
146 100
111 36.5 25.7 47.7
148 62.3 45.4 84.4

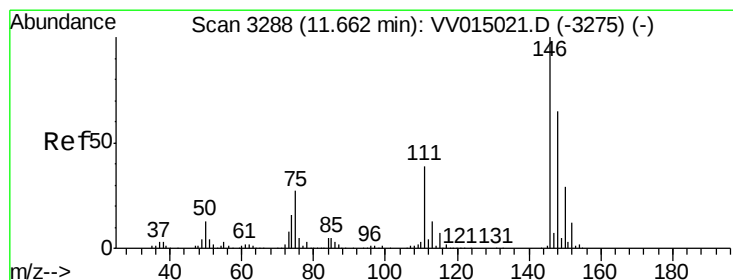
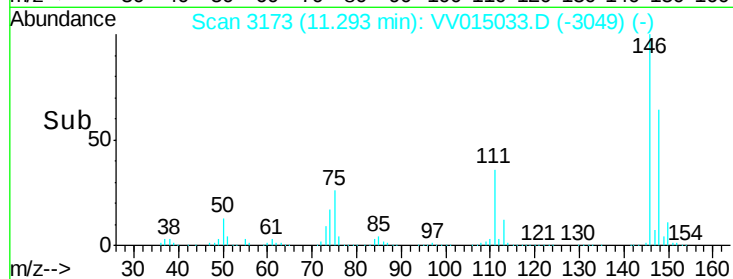
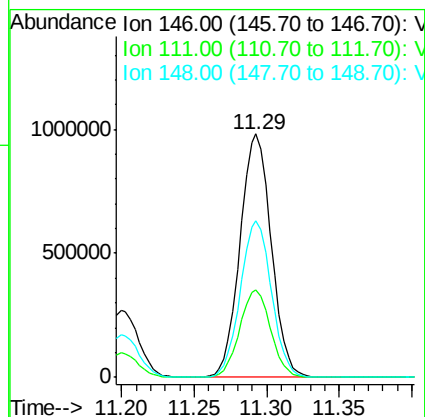
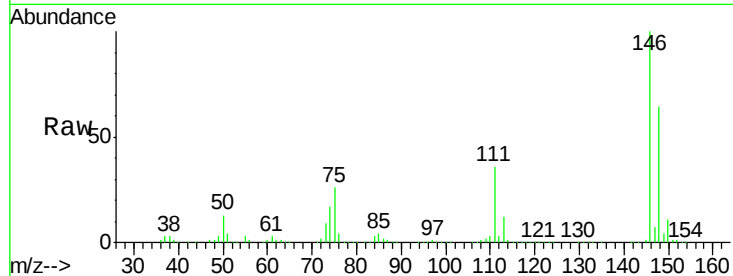




#63
 1,4-Dichlorobenzene
 Concen: 250.046 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015033.D
 Acq: 18 Mar 2020 23:14

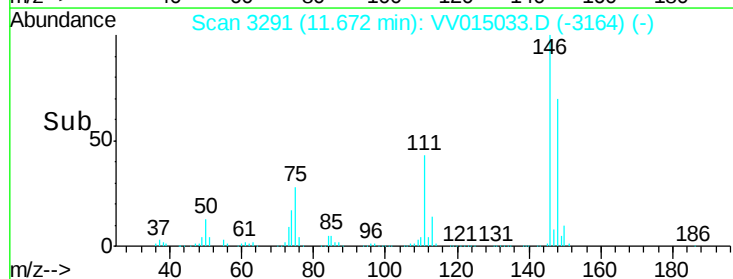
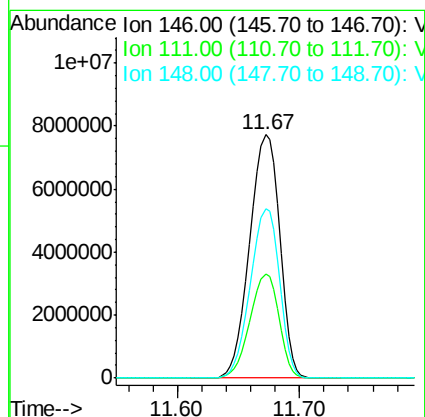
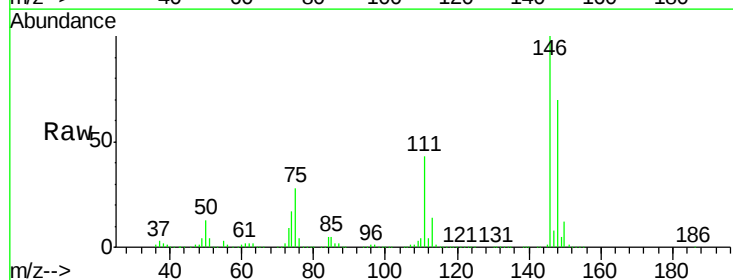
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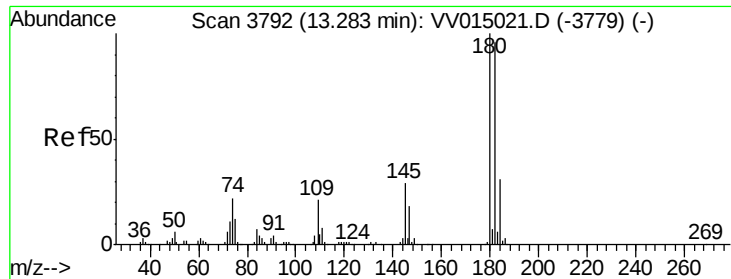
Tot Ion:146 Resp: 1466558
 Ion Ratio Lower Upper
 146 100
 111 35.9 25.8 48.0
 148 64.4 45.7 84.9



#65
 1,2-Dichlorobenzene
 Concen: 2188.787 ug/L
 RT: 11.67 min Scan# 3291
 Delta R.T. 0.01 min
 Lab File: VV015033.D
 Acq: 18 Mar 2020 23:14

Tgt Ion:146 Resp:13099540
 Ion Ratio Lower Upper
 146 100
 111 43.0 31.5 47.3
 148 69.7 51.7 77.5

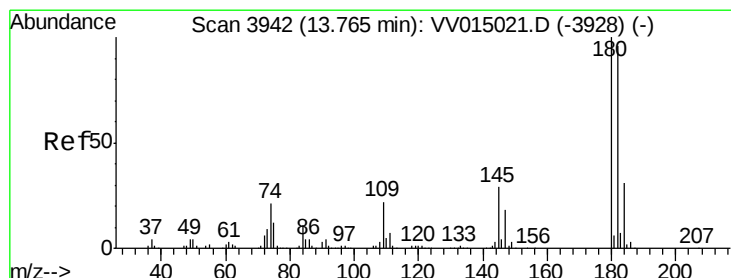
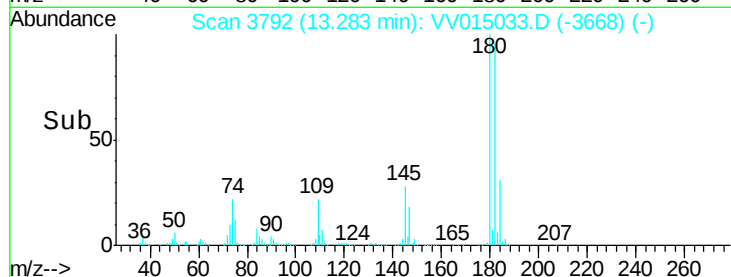
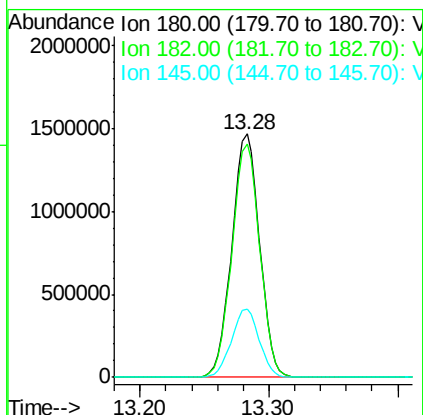
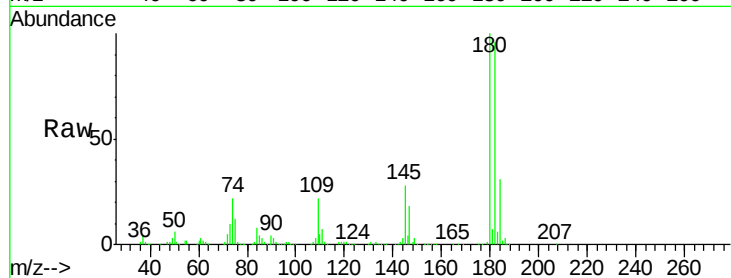




#68
 1,2,4-trichlorobenzene
 Concen: 532.522 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV015033.D
 Acq: 18 Mar 2020 23:14

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 MSVOA_V
 ClientSampleId :
 C0DC3

Tot Ion:180 Resp: 2186295
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.3 114.5
 145 27.9 22.2 33.4



#70
 1,2,3-Trichlorobenzene
 Concen: 89.264 ug/L
 RT: 13.76 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VV015033.D
 Acq: 18 Mar 2020 23:14

Tgt Ion:180 Resp: 360042
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.5 113.3
 145 29.0 23.5 35.3

