

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014950.D
 Acq On : 16 Mar 2020 16:55
 Operator : SY/MD
 Sample : L1890-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DG8

Quant Time: Mar 18 04:14:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 03:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355692	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347191	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168601	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108010	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.58	69	83036	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.36%
11) 1,1-Dichloroethene-d2	2.12	63	130863	35.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.98%
21) 2-Butanone-d5	3.93	46	122237	84.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.60%
24) Chloroform-d	4.38	84	226642	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
26) 1,2-Dichloroethane-d4	5.06	65	148629	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
32) Benzene-d6	5.08	84	465067	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
36) 1,2-Dichloropropane-d6	6.10	67	138745	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.34	98	448411	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.64	79	69757	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.14%
47) 2-Hexanone-d5	8.12	63	128533	99.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196079	47.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	186744	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

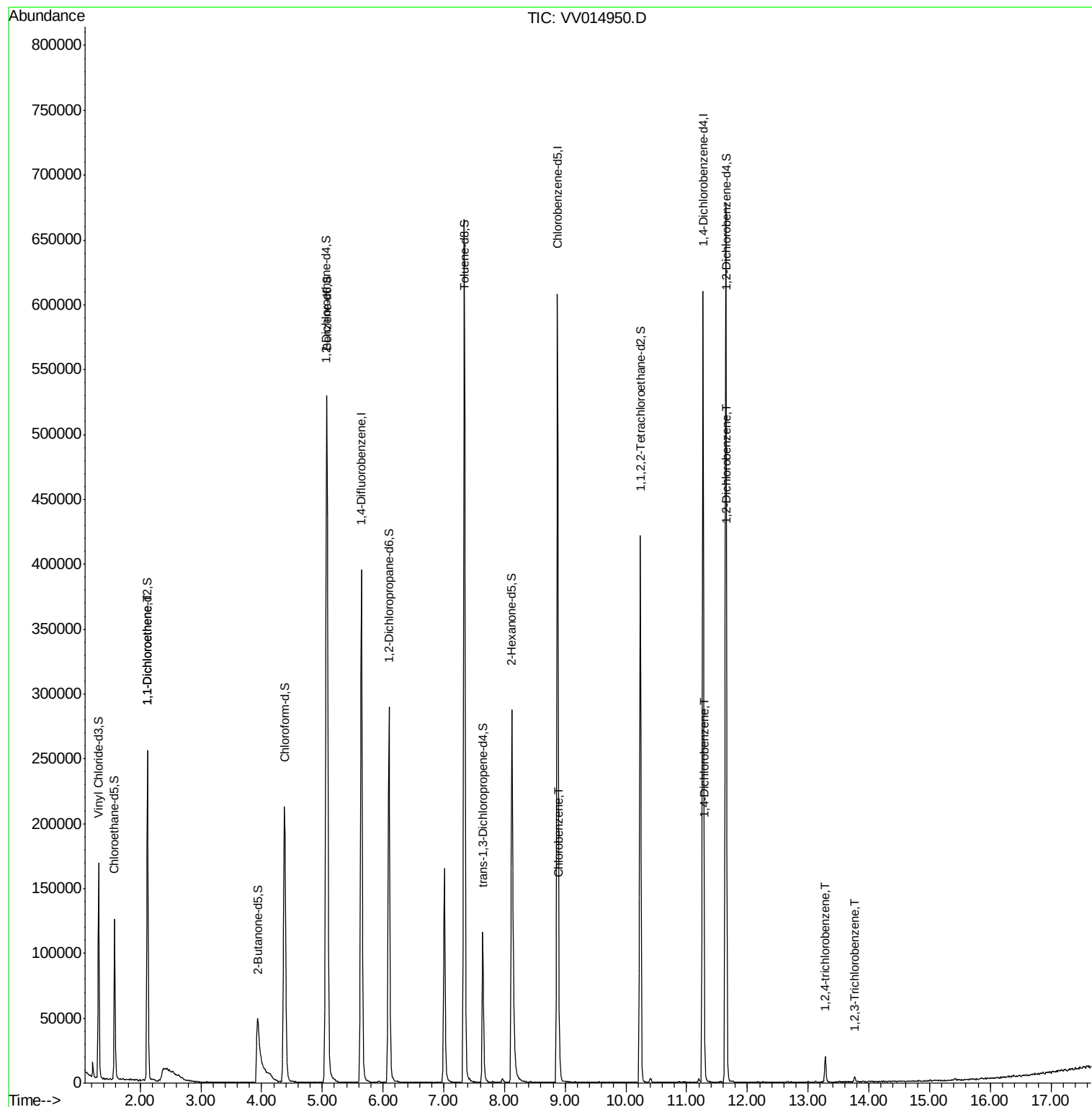
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1210	0.724 ug/L #	1
51) Chlorobenzene	8.90	112	9123	1.246 ug/L	91
63) 1,4-Dichlorobenzene	11.30	146	7422	1.326 ug/L	91
65) 1,2-Dichlorobenzene	11.67	146	4340	0.782 ug/L	87
68) 1,2,4-trichlorobenzene	13.28	180	7505	1.933 ug/L	94
70) 1,2,3-Trichlorobenzene	13.77	180	1770	0.461 ug/L #	90

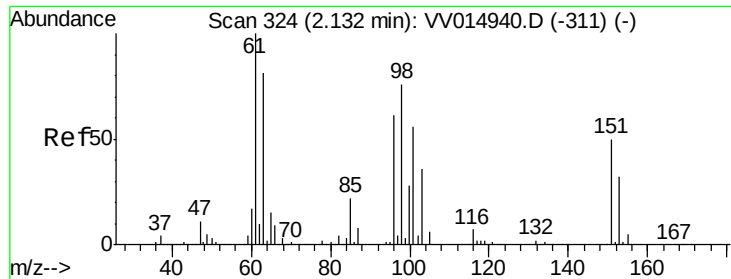
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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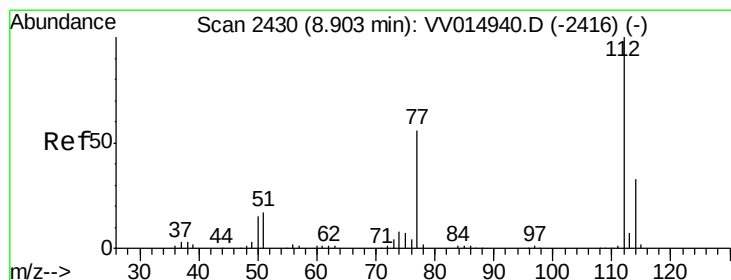
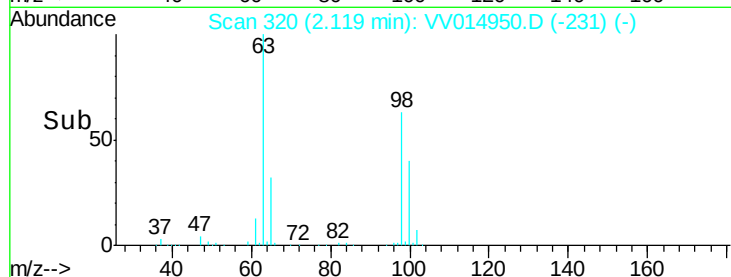
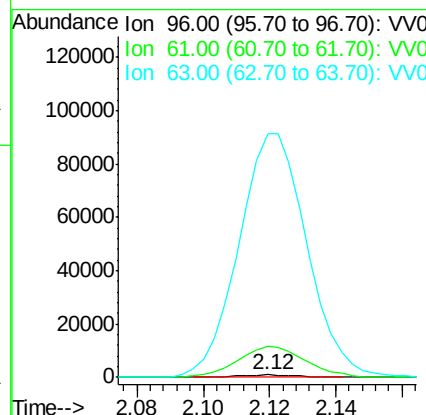
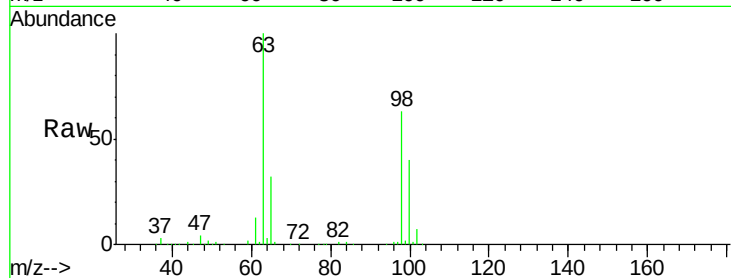




#12
 1,1-Dichloroethene
 Concen: 0.724 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV014950.D
 Acq: 16 Mar 2020 16:55

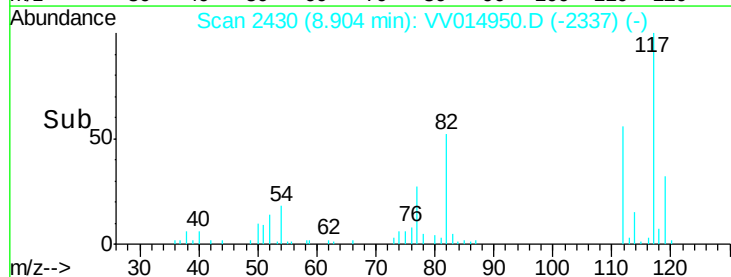
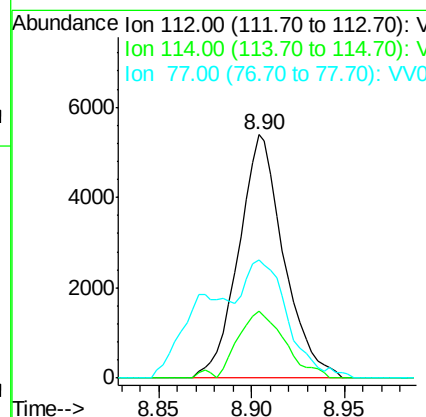
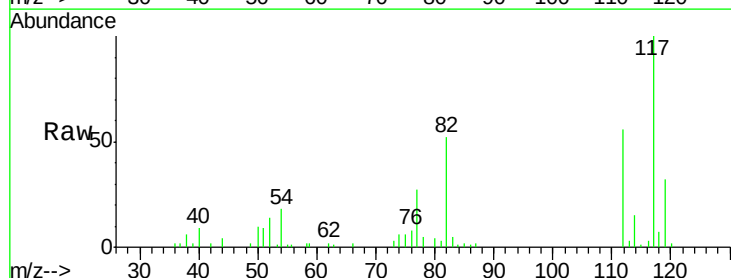
Instrument :
 MSVOA_V
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 C0DG8

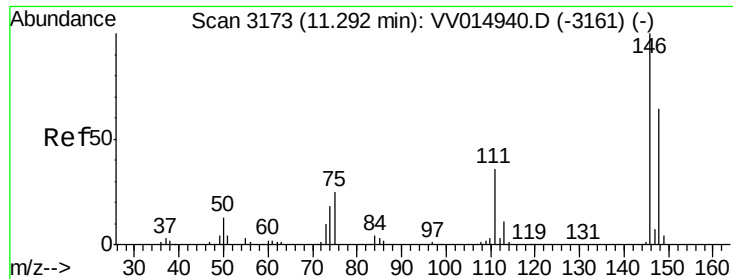
Tot Ion: 96 Resp: 1210
 Ion Ratio Lower Upper
 96 100
 61 1245.2 115.7 214.9#
 63 9823.7 99.2 184.2#



#51
 Chlorobenzene
 Concen: 1.246 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV014950.D
 Acq: 16 Mar 2020 16:55

Tgt Ion: 112 Resp: 9123
 Ion Ratio Lower Upper
 112 100
 114 27.5 22.8 42.4
 77 48.7 44.5 66.7

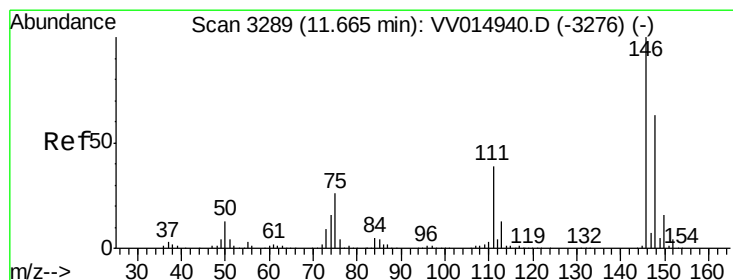
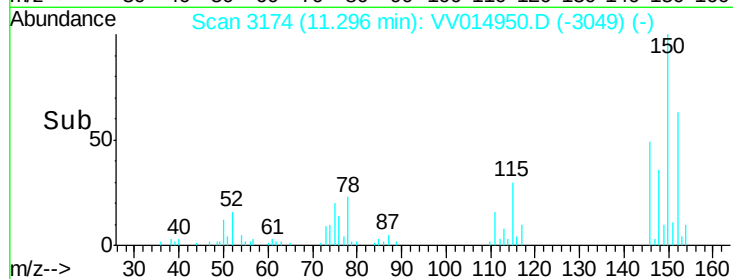
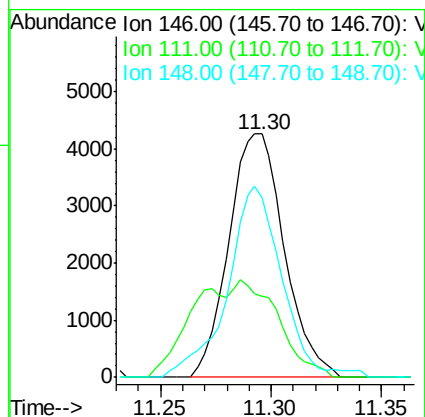
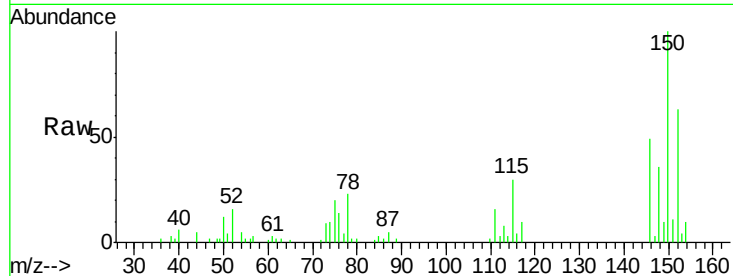




#63
 1,4-Dichlorobenzene
 Concen: 1.326 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV014950.D
 Acq: 16 Mar 2020 16:55

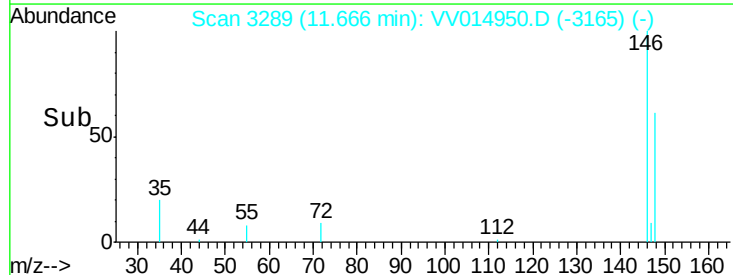
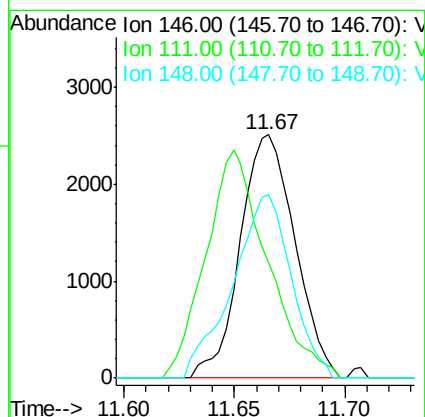
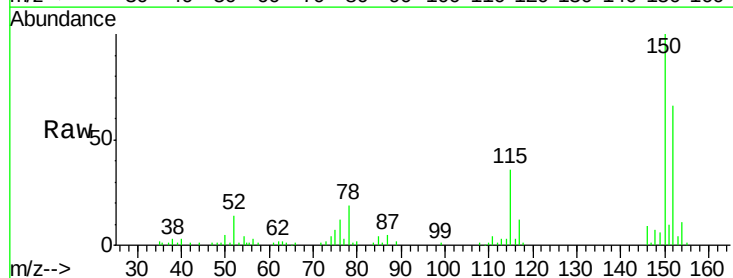
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 MSVOA_V
 ClientSampled :
 C0DG8

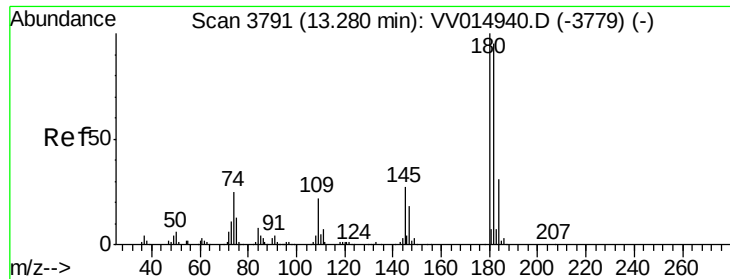
Tot Ion:146 Resp: 7422
 Ion Ratio Lower Upper
 146 100
 111 33.5 26.0 48.2
 148 73.9 46.1 85.5



#65
 1,2-Dichlorobenzene
 Concen: 0.782 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014950.D
 Acq: 16 Mar 2020 16:55

Tgt Ion:146 Resp: 4340
 Ion Ratio Lower Upper
 146 100
 111 47.3 31.6 47.4
 148 75.3 52.2 78.4

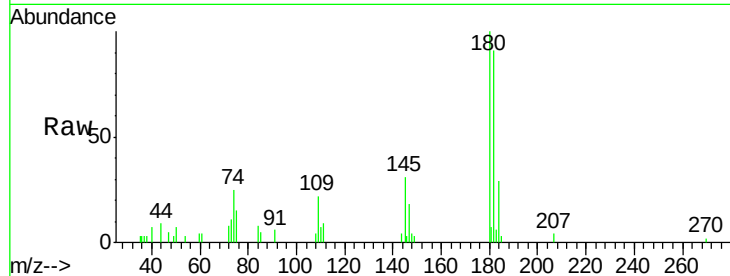




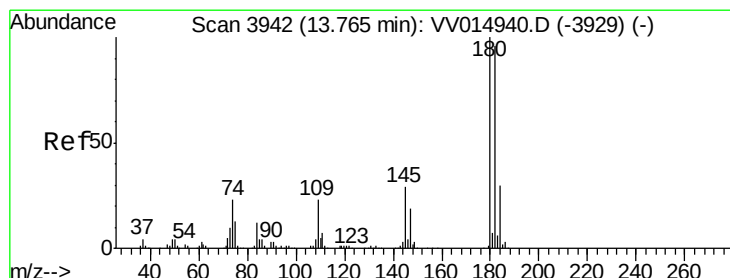
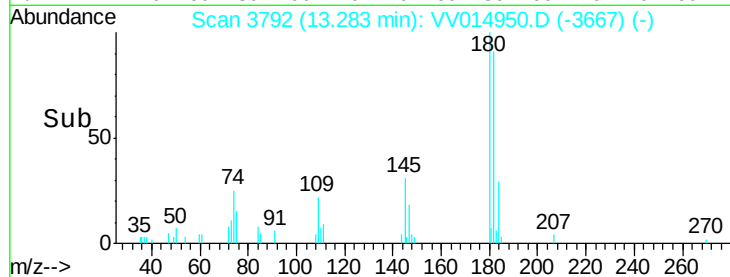
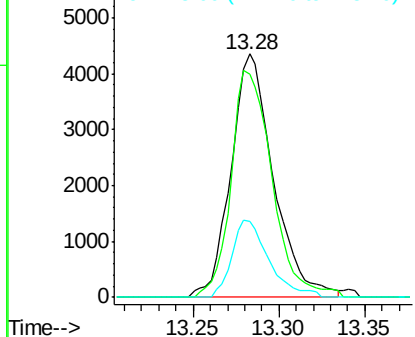
#68
 1,2,4-trichlorobenzene
 Concen: 1.933 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014950.D
 Acq: 16 Mar 2020 16:55

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 C0DG8

Tot Ion:180 Resp: 7505
 Ion Ratio Lower Upper
 180 100
 182 89.1 76.3 114.5
 145 27.2 23.1 34.7

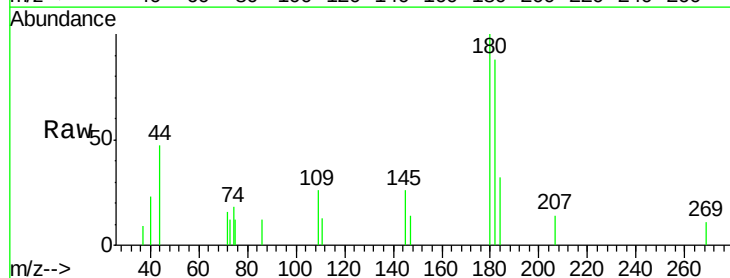


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.461 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV014950.D
 Acq: 16 Mar 2020 16:55

Tgt Ion:180 Resp: 1770
 Ion Ratio Lower Upper
 180 100
 182 102.4 76.2 114.4
 145 18.9 24.1 36.1#



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

