

Data File : VV014120.D
Acq On : 18 Dec 2019 14:33
Operator : SY/MD
Sample : K6356-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D37

Quant Time: Dec 19 07:09:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	732276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	711154	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210046	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.20%
7) Chloroethane-d5	1.58	69	199742	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.36%
11) 1,1-Dichloroethene-d2	2.13	63	295316	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	3.92	46	313248	105.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.08%
24) Chloroform-d	4.40	84	426880	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	272999	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.10	84	838822	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.11	67	271853	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.30%
41) Toluene-d8	7.36	98	691397	41.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.32%
43) trans-1,3-Dichloropropene-	7.66	79	110766	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.30%
47) 2-Hexanone-d5	8.13	63	192867	93.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	351934	43.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	301356	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

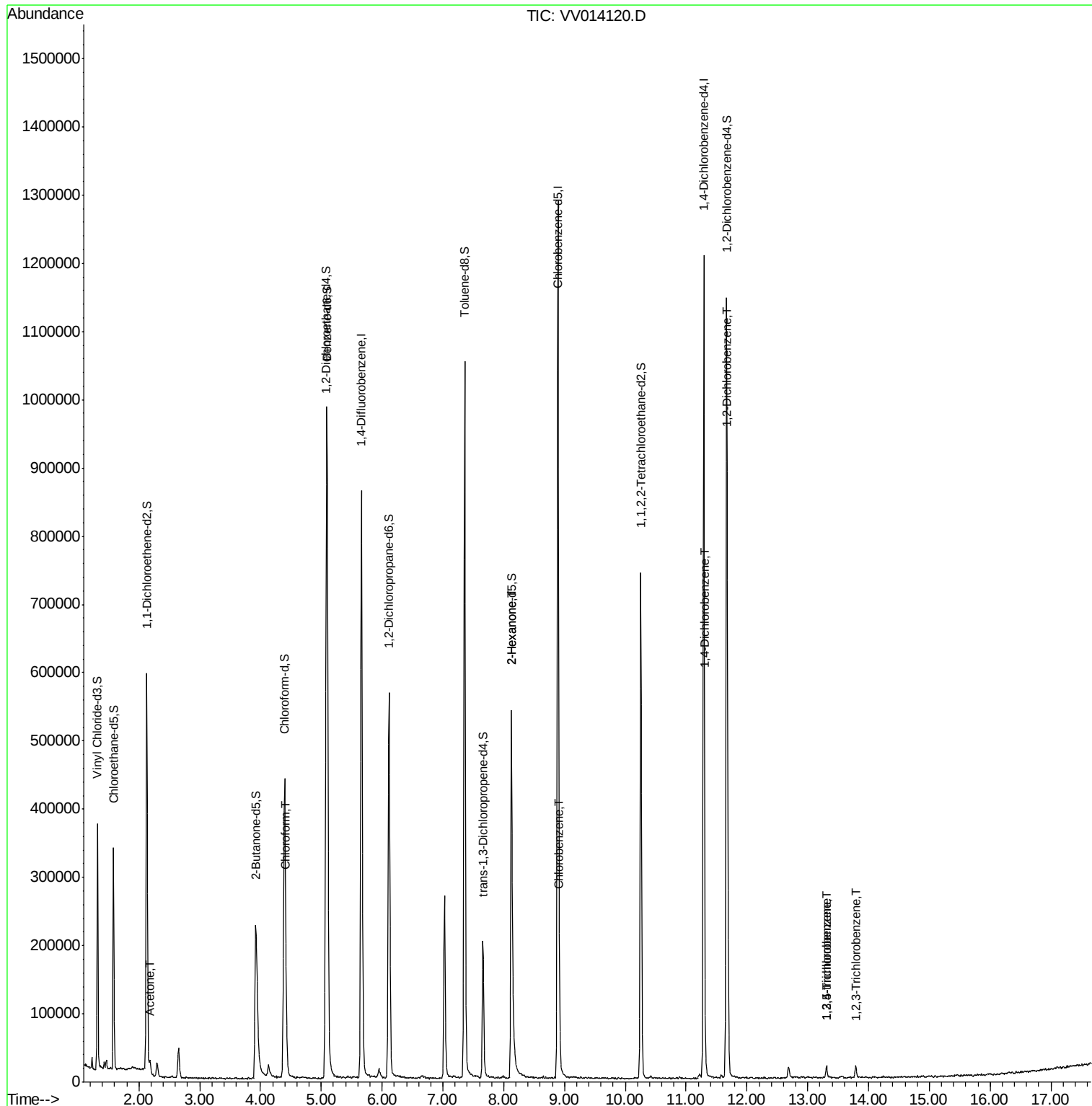
						Qvalue
13) Acetone	2.18	43	13276	3.039	ug/L	88
25) Chloroform	4.42	83	30699	3.063	ug/L	99
48) 2-Hexanone	8.13	43	23041	4.321	ug/L #	77
51) Chlorobenzene	8.92	112	25747	1.708	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	8630	0.789	ug/L	96
65) 1,2-Dichlorobenzene	11.68	146	102527	9.693	ug/L	99
67) 1,3,5-Trichlorobenzene	13.31	180	5607	0.653	ug/L	92
68) 1,2,4-trichlorobenzene	13.31	180	5607	0.724	ug/L	91
70) 1,2,3-Trichlorobenzene	13.79	180	5469	0.675	ug/L	97

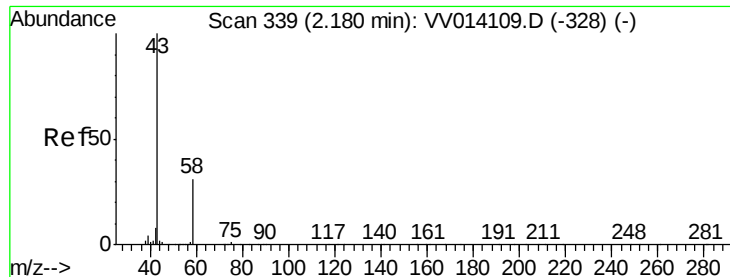
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.039 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014120.D

Acq: 18 Dec 2019 14:33

Instrument :

MSVOA_V

ClientSampleId :

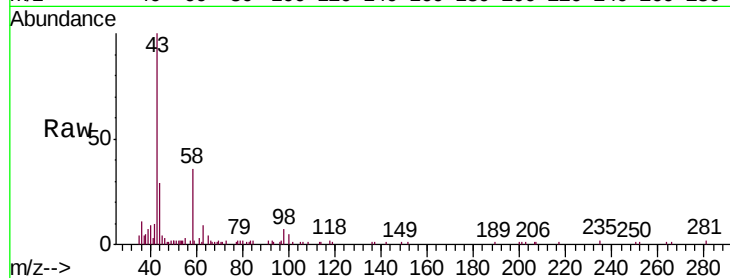
C0D37

Tgt Ion: 43 Resp: 13276

Ion Ratio Lower Upper

43 100

58 37.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV014120.D (-340) (-)

Ion 58.00 (57.70 to 58.70): VV014120.D (-340) (-)

2.18

10000

8000

6000

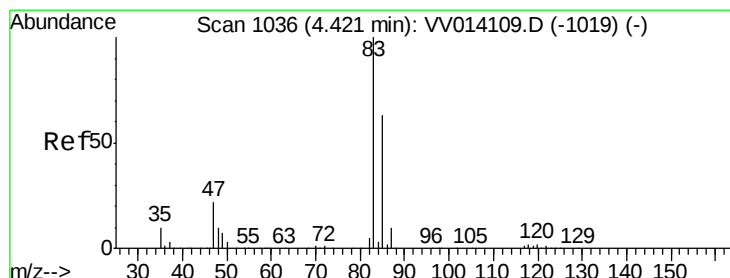
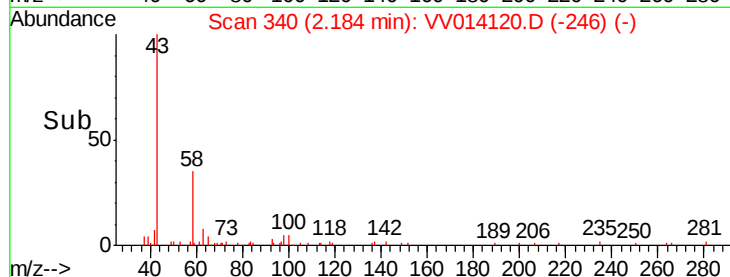
4000

2000

0

Time-->

2.15 2.20 2.25



#25

Chloroform

Concen: 3.063 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014120.D

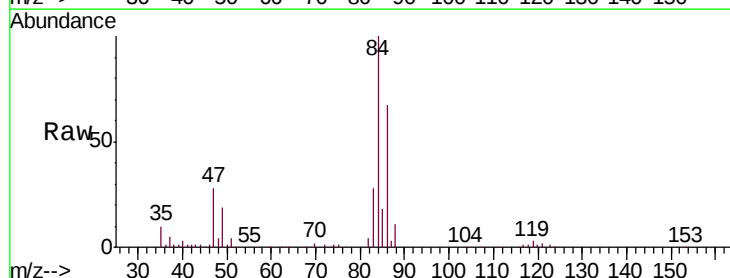
Acq: 18 Dec 2019 14:33

Tgt Ion: 83 Resp: 30699

Ion Ratio Lower Upper

83 100

85 65.7 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV014120.D (-1037) (-)

Ion 85.00 (84.70 to 85.70): VV014120.D (-1037) (-)

4.42

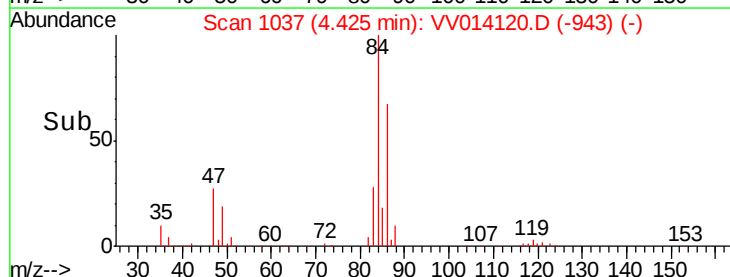
10000

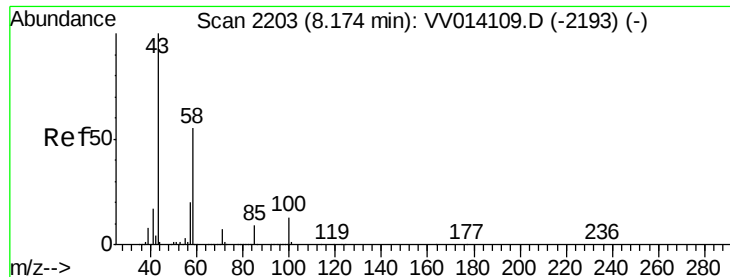
5000

0

Time-->

4.35 4.40 4.45 4.50

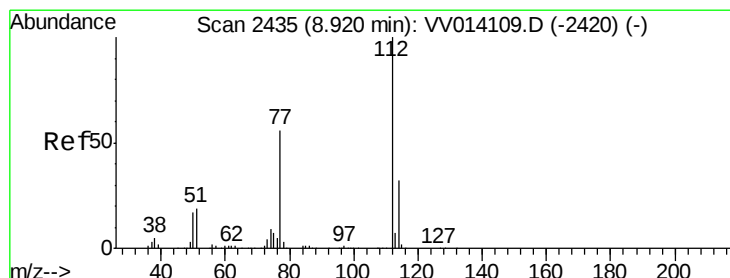
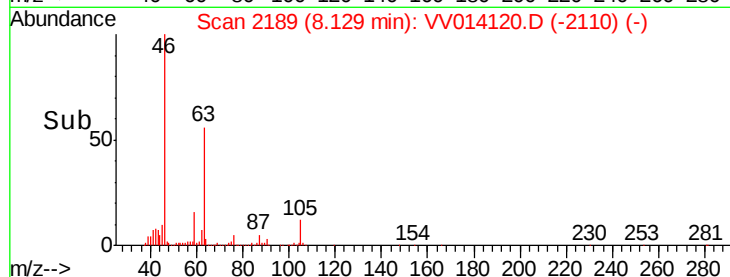
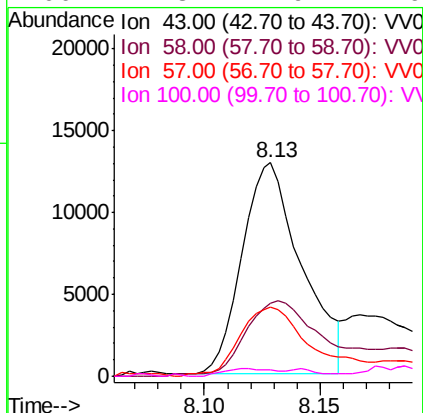
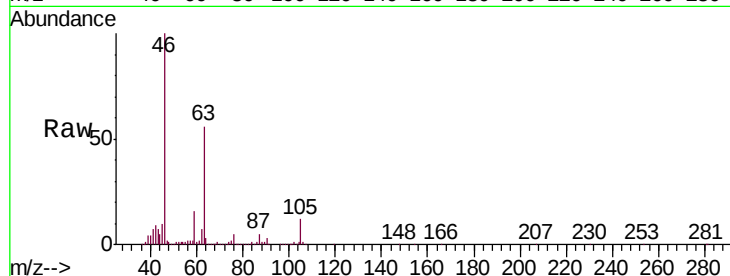




#48
2-Hexanone
Concen: 4.321 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

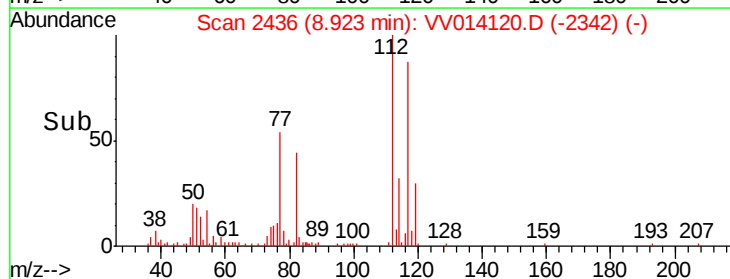
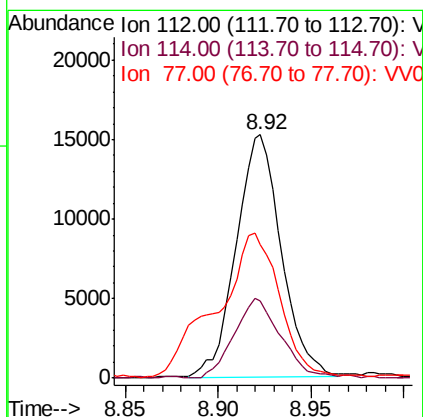
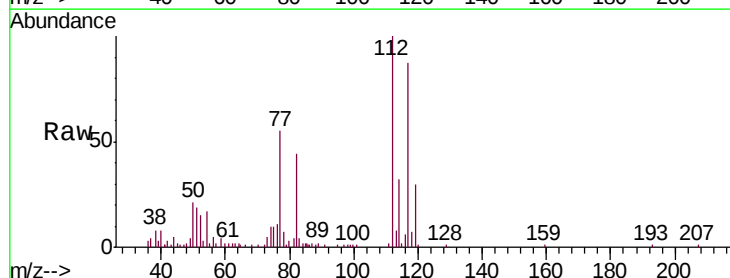
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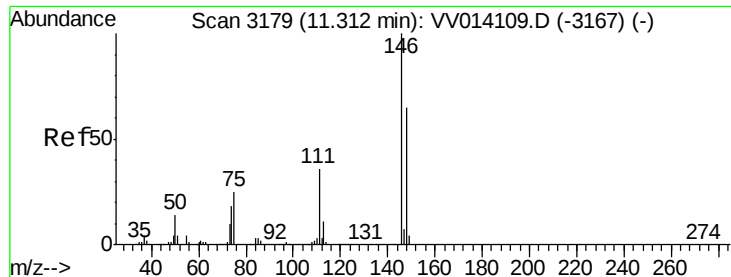
Tgt Ion:	43	Resp:	23041
Ion	Ratio	Lower	Upper
43	100		
58	45.5	48.4	72.6#
57	32.2	16.6	24.8#
100	1.3	11.9	17.9#



#51
Chlorobenzene
Concen: 1.708 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014120.D
Acq: 18 Dec 2019 14:33

Tgt Ion:	112	Resp:	25747
Ion	Ratio	Lower	Upper
112	100		
114	32.0	23.2	43.2
77	54.9	45.0	67.4

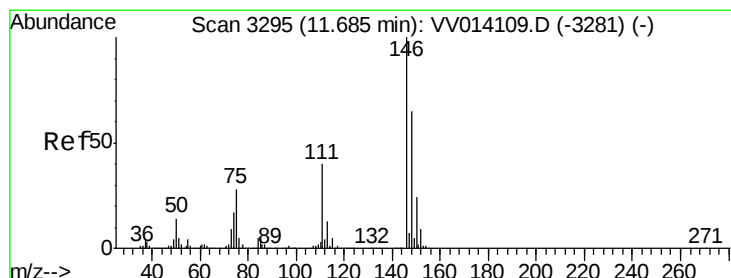
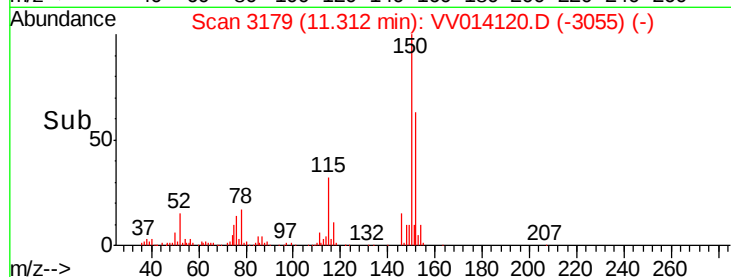
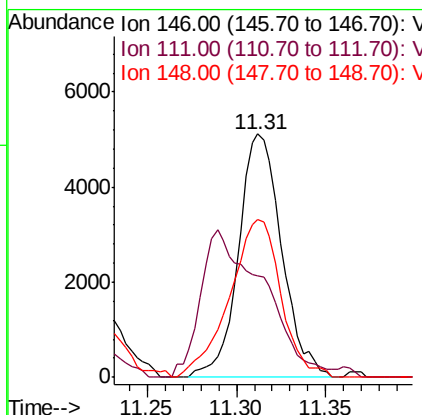
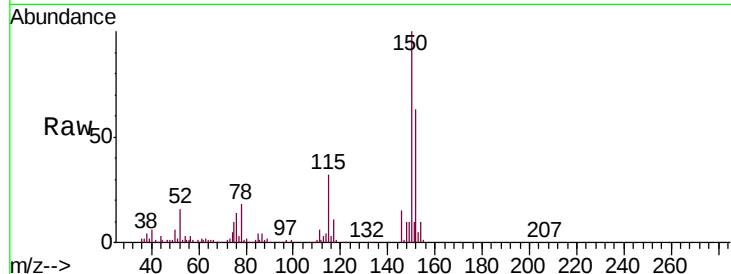




#63
 1,4-Dichlorobenzene
 Concen: 0.789 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV014120.D
 Acq: 18 Dec 2019 14:33

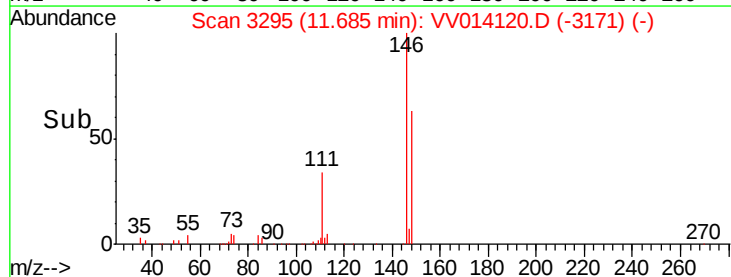
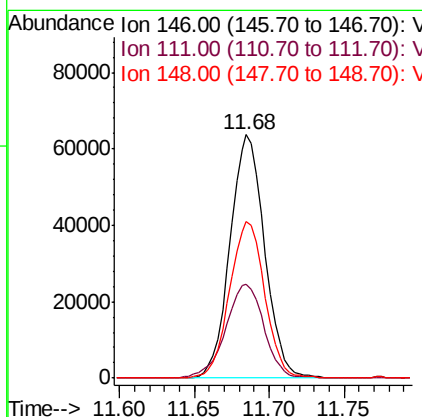
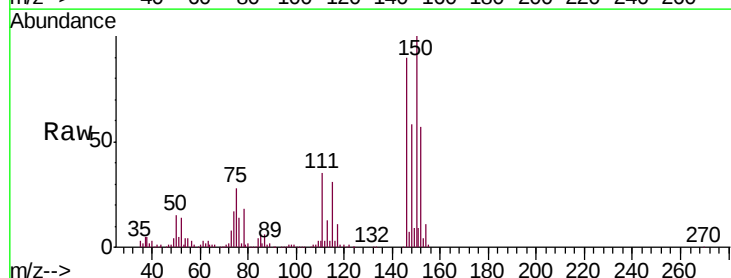
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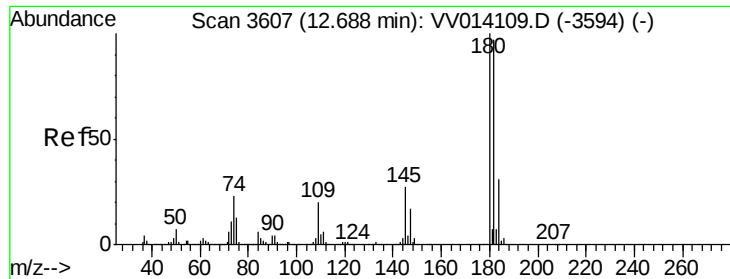
Tgt Ion:146 Resp: 8630
 Ion Ratio Lower Upper
 146 100
 111 41.8 25.4 47.2
 148 65.0 44.9 83.5



#65
 1,2-Dichlorobenzene
 Concen: 9.693 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV014120.D
 Acq: 18 Dec 2019 14:33

Tgt Ion:146 Resp: 102527
 Ion Ratio Lower Upper
 146 100
 111 38.7 31.4 47.0
 148 64.1 51.5 77.3

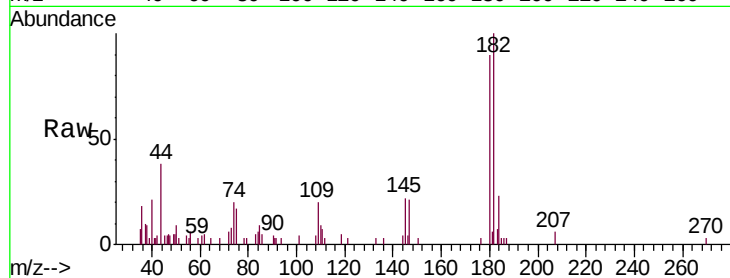




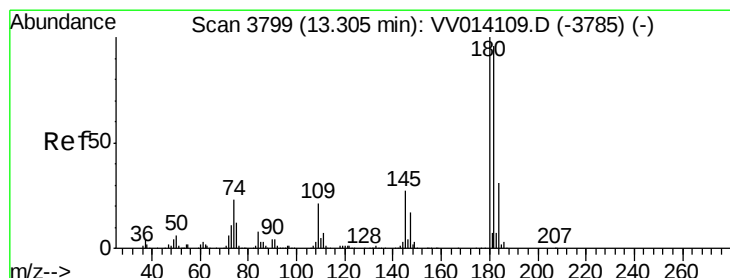
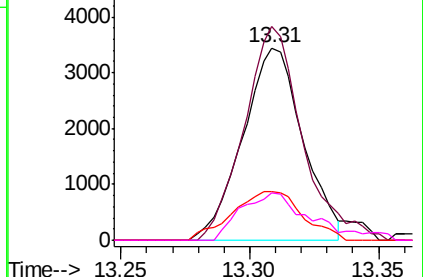
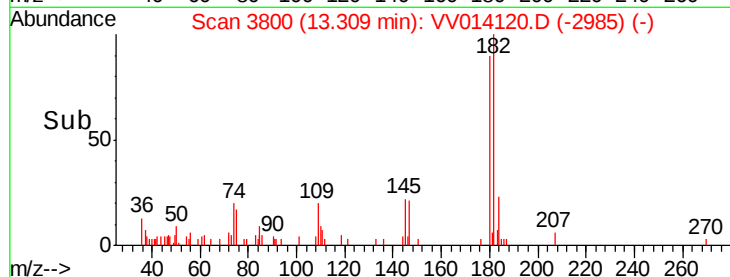
#67
 1,3,5-Trichlorobenzene
 Concen: 0.653 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.62 min
 Lab File: VV014120.D
 Acq: 18 Dec 2019 14:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D37

Tgt Ion:180 Resp: 5607
 Ion Ratio Lower Upper
 180 100
 182 104.8 76.2 114.4
 184 29.4 24.2 36.4
 145 23.2 21.1 31.7

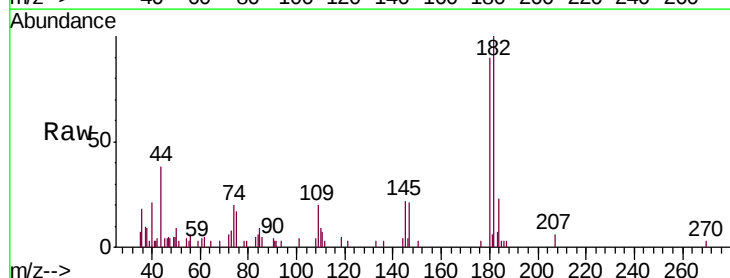


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

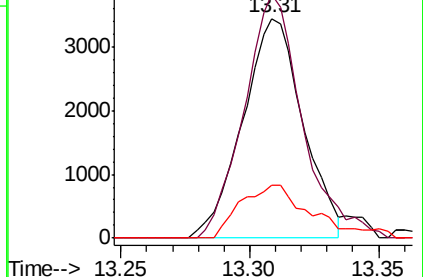
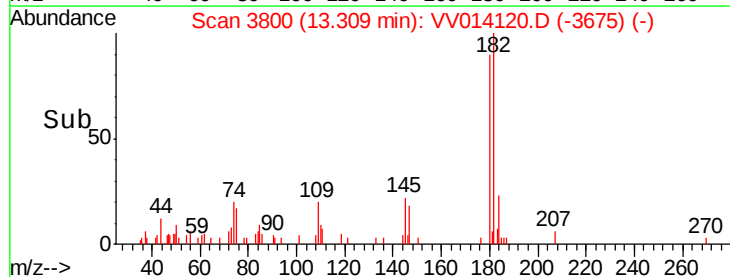


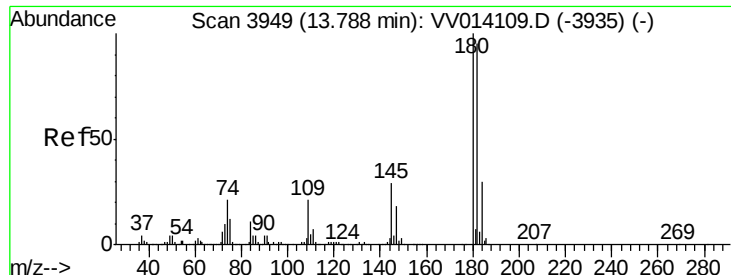
#68
 1,2,4-trichlorobenzene
 Concen: 0.724 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV014120.D
 Acq: 18 Dec 2019 14:33

Tgt Ion:180 Resp: 5607
 Ion Ratio Lower Upper
 180 100
 182 104.8 76.2 114.4
 145 23.2 21.9 32.9



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: 0.675 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV014120.D

Acq: 18 Dec 2019 14:33

Instrument :

MSVOA_V

ClientSampleId :

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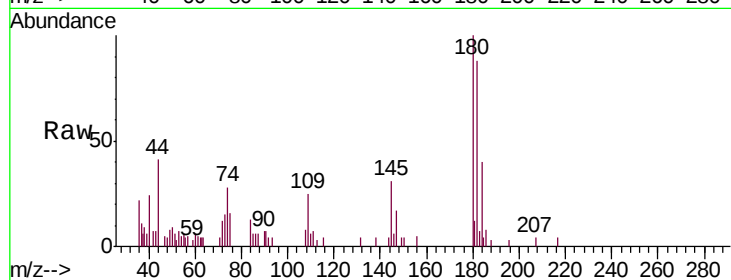
Tgt Ion:180 Resp: 5469

Ion Ratio Lower Upper

180 100

182 98.3 77.0 115.4

145 32.1 22.6 34.0



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

