

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015231.D
 Acq On : 28 Mar 2020 07:34
 Operator : SY/MD
 Sample : L1976-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 08:03:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	591633	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	567304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	243250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128037	53.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.68%
7) Chloroethane-d5	1.47	69	298	0.12	ug/L	-0.11
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.24%#
11) 1,1-Dichloroethene-d2	2.12	63	193436	32.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.44%
21) 2-Butanone-d5	3.94	46	218010	76.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.67%
24) Chloroform-d	4.38	84	275256	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.06	65	182326	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
32) Benzene-d6	5.08	84	502697	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
36) 1,2-Dichloropropane-d6	6.10	67	170067	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.92%
41) Toluene-d8	7.34	98	461884	52.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.94%
43) trans-1,3-Dichloropropene-	7.64	79	82660	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.68%
47) 2-Hexanone-d5	8.12	63	166121	76.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	256946	38.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	181040	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%

Target Compounds

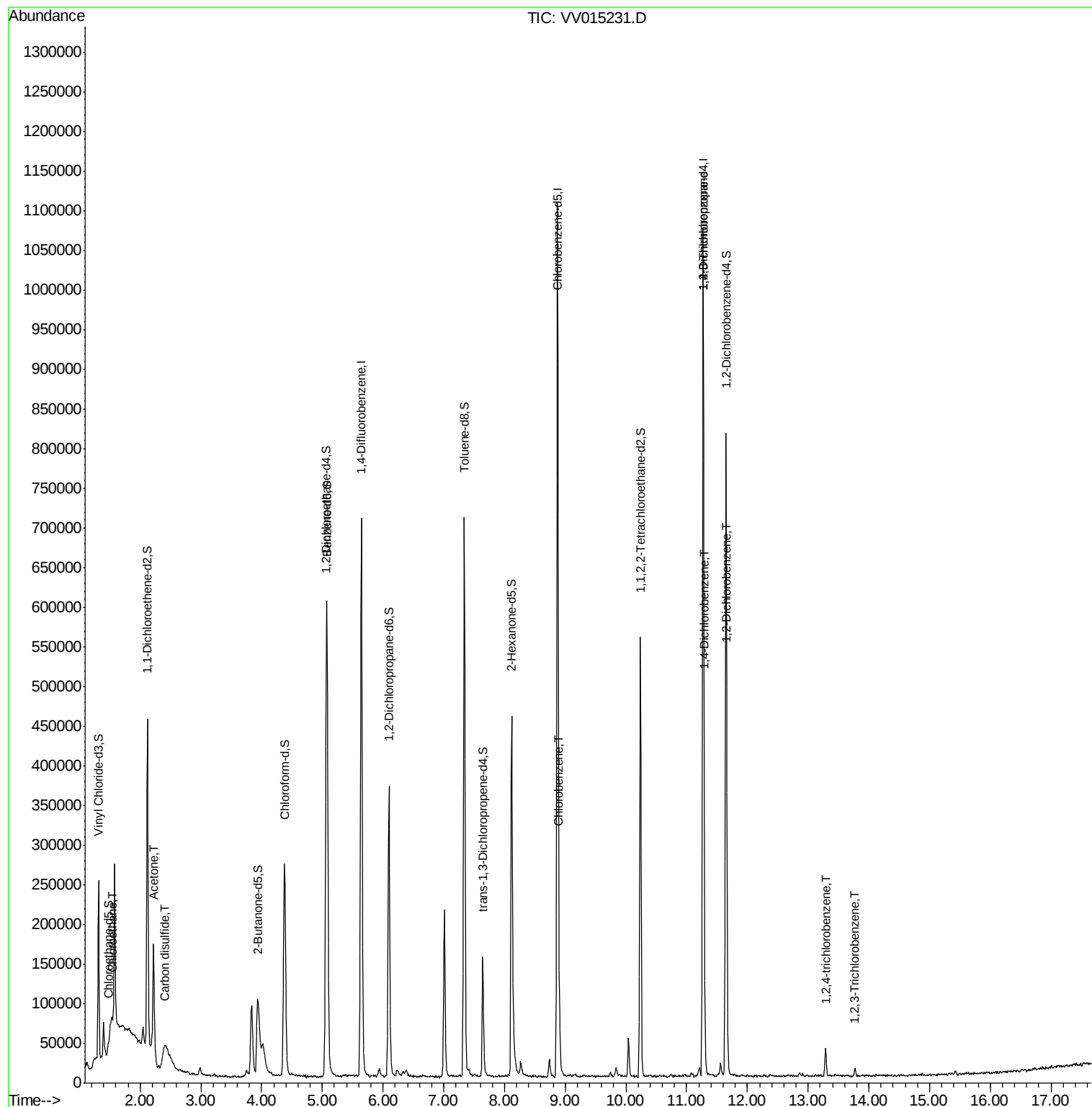
					Ovalue
8) Chloroethane	1.54	64	91239	26.921	ug/L # 52
13) Acetone	2.21	43	82262	49.553	ug/L # 100
14) Carbon disulfide	2.40	76	62854	5.725	ug/L 98
51) Chlorobenzene	8.90	112	33117	2.893	ug/L 95
59) 1,2,3-Trichloropropane	11.27	75	44762	8.288	ug/L 98
63) 1,4-Dichlorobenzene	11.30	146	28651	3.765	ug/L 95
65) 1,2-Dichlorobenzene	11.67	146	21248	2.737	ug/L 94
68) 1,2,4-trichlorobenzene	13.29	180	8963	2.005	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	2579	0.563	ug/L # 75

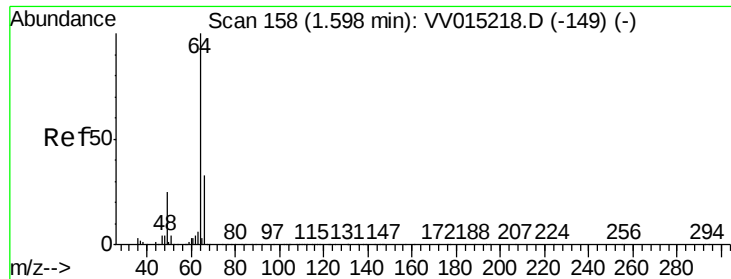
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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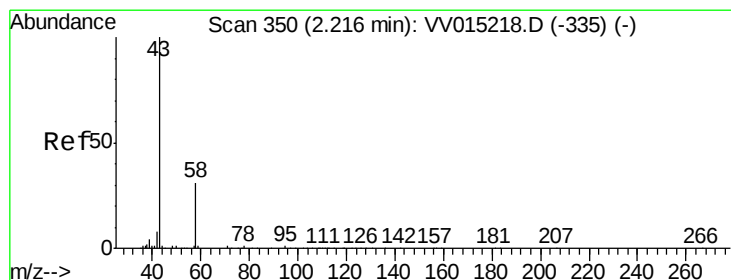
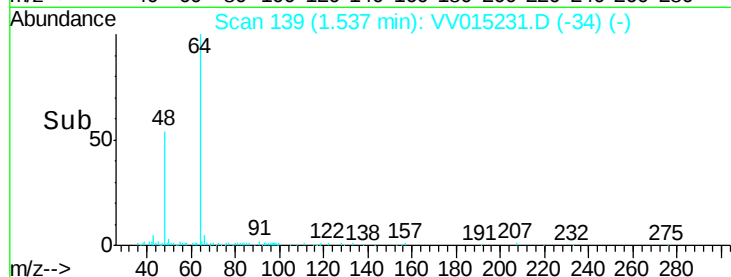
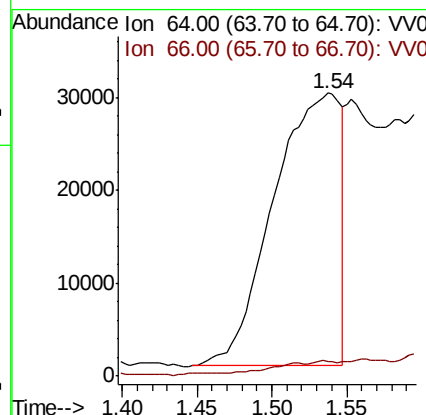
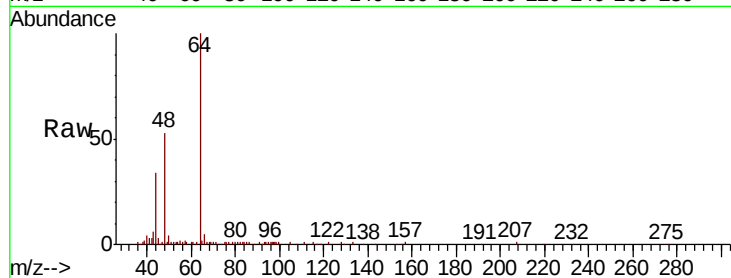




#8
Chloroethane
Concen: 26.921 ug/L
RT: 1.54 min Scan# 139
Delta R.T. -0.06 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

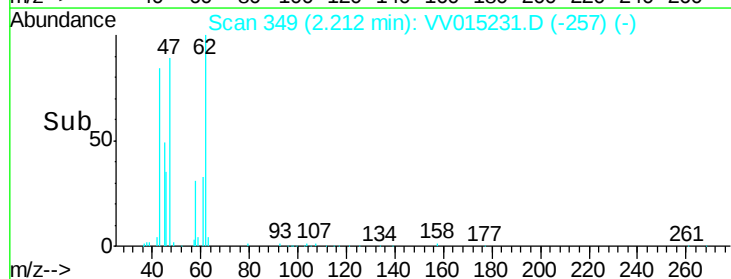
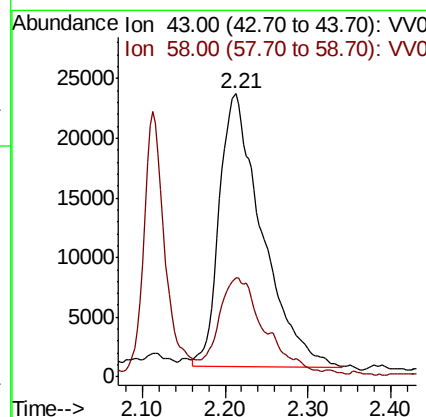
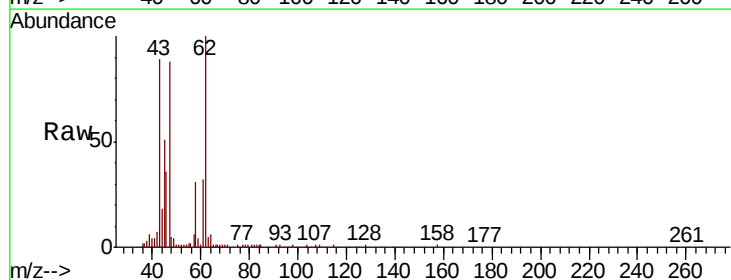
Instrument :
MSVOA_V
ClientSampleId :

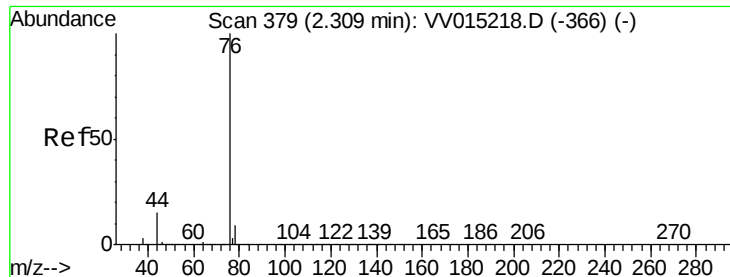
Tot Ion: 64 Resp: 91239
Ion Ratio Lower Upper
64 100
66 5.3 22.1 41.1#



#13
Acetone
Concen: 49.553 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

Tgt Ion: 43 Resp: 82262
Ion Ratio Lower Upper
43 100
58 15.4 0.0 0.0#





#14

Carbon disulfide

Concen: 5.725 ug/L

RT: 2.40 min Scan# 408

Delta R.T. 0.09 min

Lab File: VV015231.D

Acq: 28 Mar 2020 07:34

Instrument :

MSVOA_V

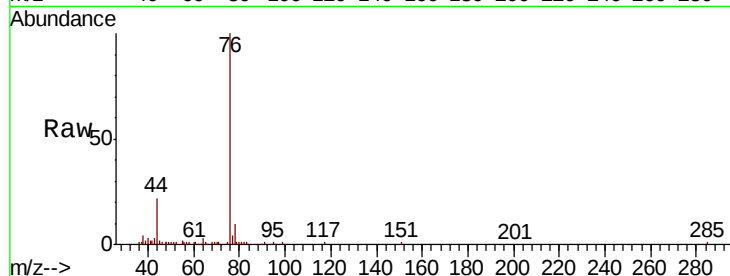
ClientSampled :

Tot Ion: 76 Resp: 62854

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV015231.D (-286) (-)

Ion 78.00 (77.70 to 78.70): VV015231.D (-286) (-)

2.40

25000

20000

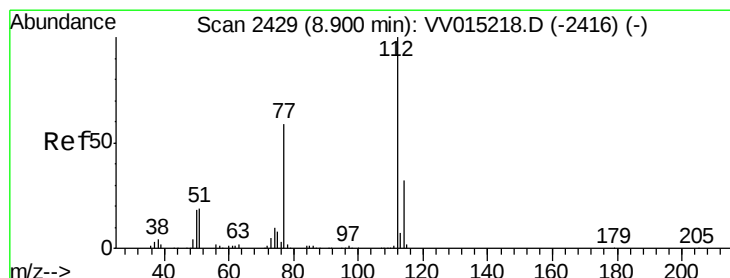
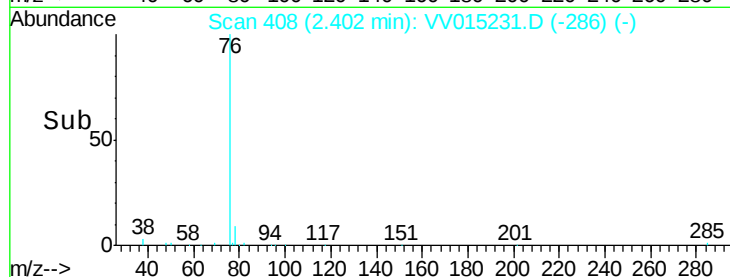
15000

10000

5000

0

Time-->



#51

Chlorobenzene

Concen: 2.893 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015231.D

Acq: 28 Mar 2020 07:34

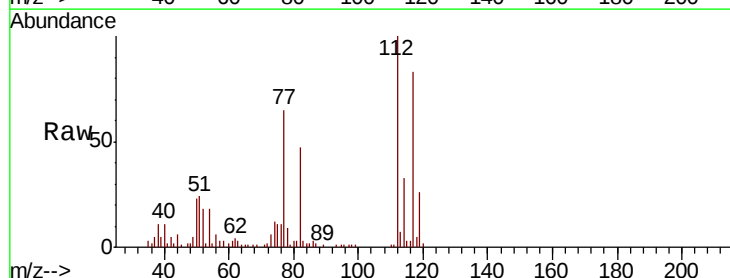
Tgt Ion: 112 Resp: 33117

Ion Ratio Lower Upper

112 100

114 33.3 22.3 41.5

77 65.3 48.2 72.2



Abundance Ion 112.00 (111.70 to 112.70): VV015231.D (-2336) (-)

Ion 114.00 (113.70 to 114.70): VV015231.D (-2336) (-)

Ion 77.00 (76.70 to 77.70): VV015231.D (-2336) (-)

25000

20000

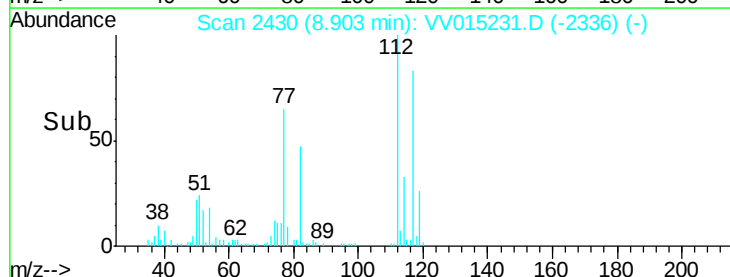
15000

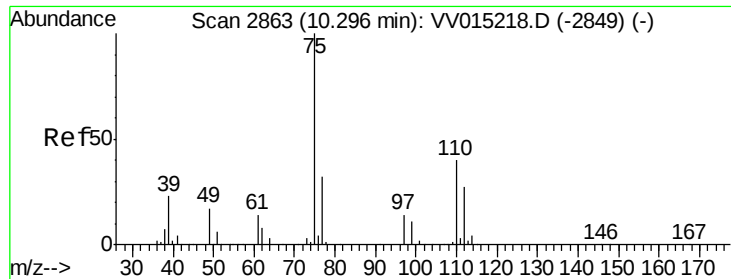
10000

5000

0

Time-->



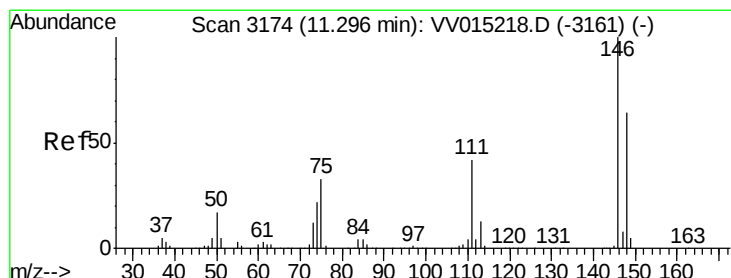
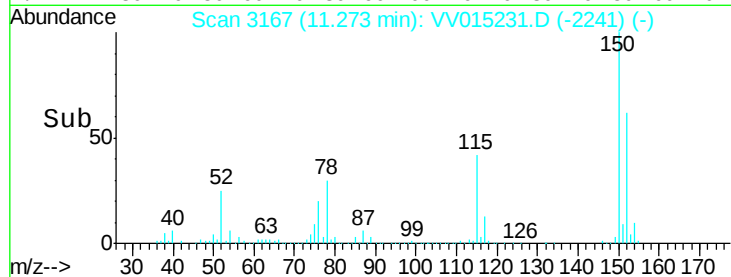
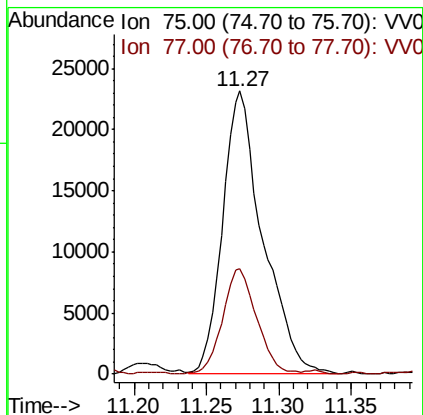
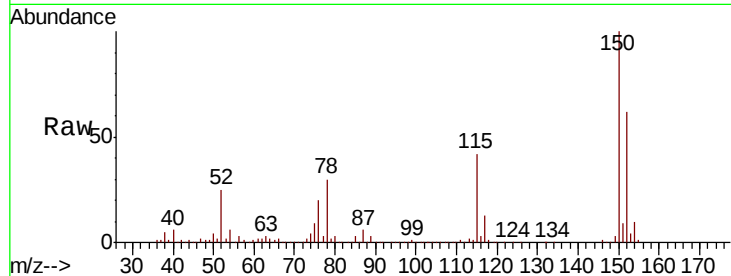


#59

1,2,3-Trichloropropane
Concen: 8.288 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

Instrument :
MSVOA_V
ClientSampled :

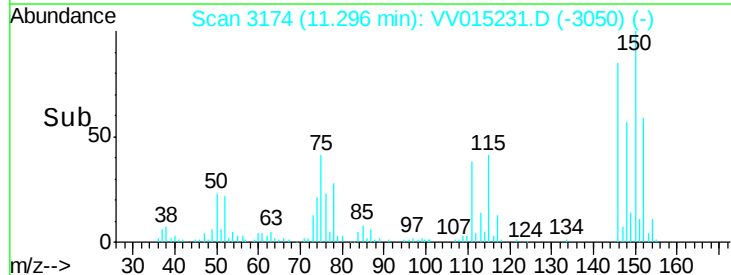
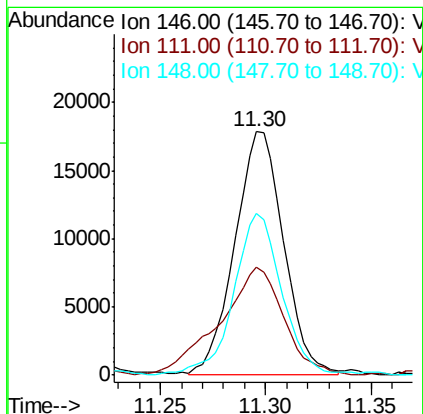
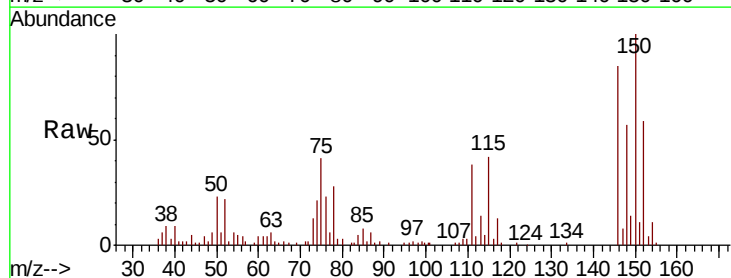
Tot Ion: 75 Resp: 44762
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0

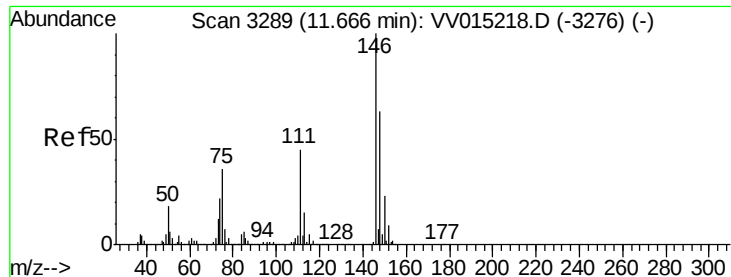


#63

1,4-Dichlorobenzene
Concen: 3.765 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

Tgt Ion: 146 Resp: 28651
Ion Ratio Lower Upper
146 100
111 44.1 29.4 54.6
148 66.6 43.6 81.0

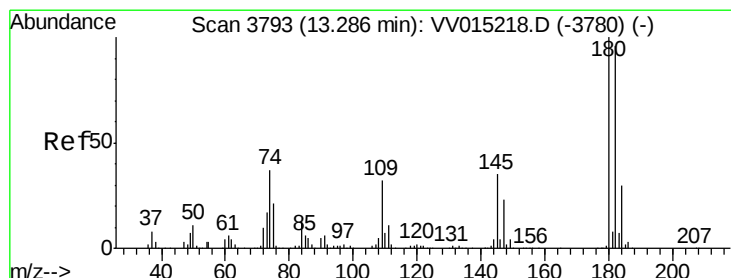
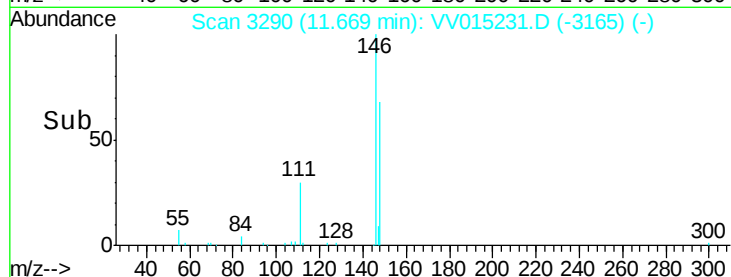
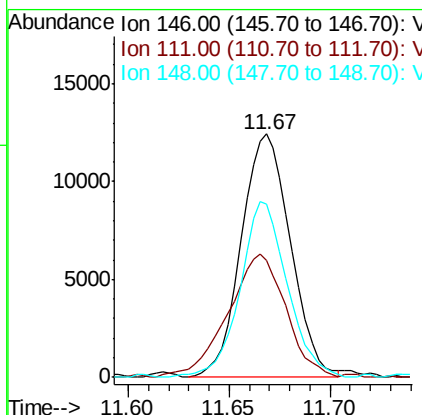
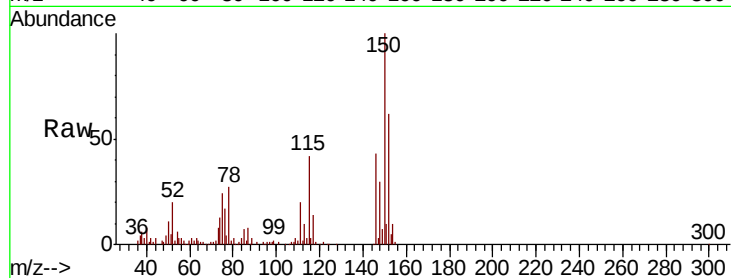




#65
 1,2-Dichlorobenzene
 Concen: 2.737 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV015231.D
 Acq: 28 Mar 2020 07:34

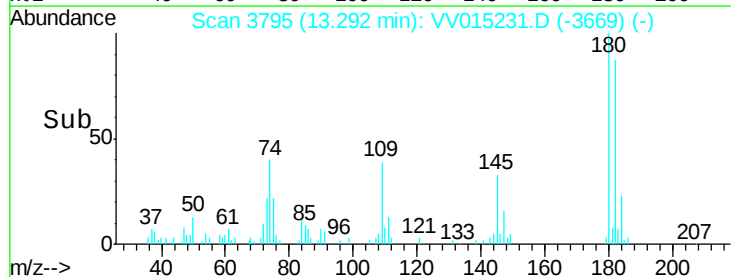
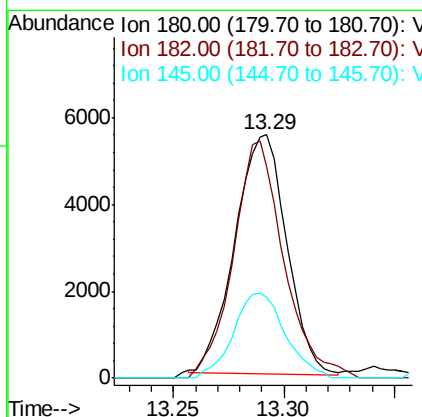
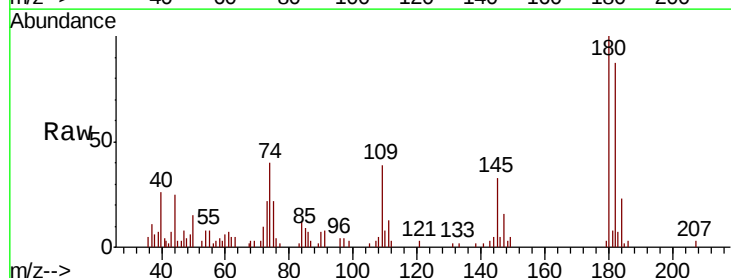
Instrument :
 MSVOA_V
 ClientSampleId :

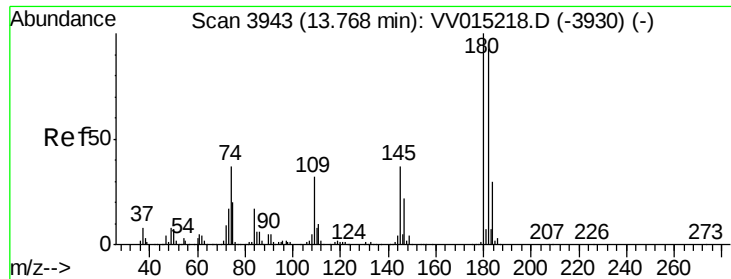
Tot Ion:146 Resp: 21248
 Ion Ratio Lower Upper
 146 100
 111 47.9 37.6 56.4
 148 71.0 50.6 76.0



#68
 1,2,4-trichlorobenzene
 Concen: 2.005 ug/L
 RT: 13.29 min Scan# 3795
 Delta R.T. 0.01 min
 Lab File: VV015231.D
 Acq: 28 Mar 2020 07:34

Tgt Ion:180 Resp: 8963
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.5 113.3
 145 35.6 28.5 42.7





#70

1,2,3-Trichlorobenzene

Concen: 0.563 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV015231.D

Acq: 28 Mar 2020 07:34

Instrument :

MSVOA_V

ClientSampleId :

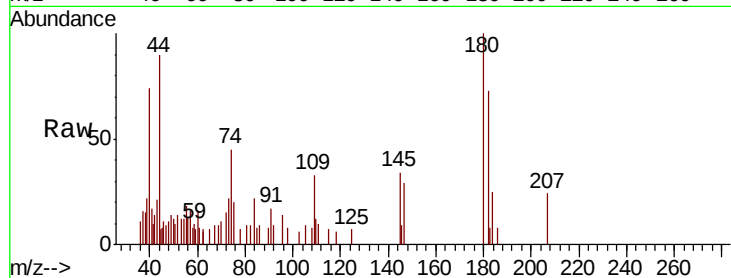
Tot Ion:180 Resp: 2579

Ion Ratio Lower Upper

180 100

182 73.0 75.9 113.9#

145 17.7 29.0 43.6#



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

