

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018540.D
 Acq On : 30 Sep 2020 00:58
 Operator : SY/MD
 Sample : L4141-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG1

Quant Time: Sep 30 04:53:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	393022	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382136	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	197477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99960	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.74%
7) Chloroethane-d5	1.58	69	94625	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.30%
11) 1,1-Dichloroethene-d2	2.12	63	162721	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.30%
21) 2-Butanone-d5	3.92	46	168415	97.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.95%
24) Chloroform-d	4.38	84	222413	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.06	65	148793	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.08	84	457656	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
36) 1,2-Dichloropropane-d6	6.09	67	145220	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.34	98	420680	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.64	79	68510	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.72%
47) 2-Hexanone-d5	8.11	63	100107	90.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171863	44.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	189925	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%

Target Compounds

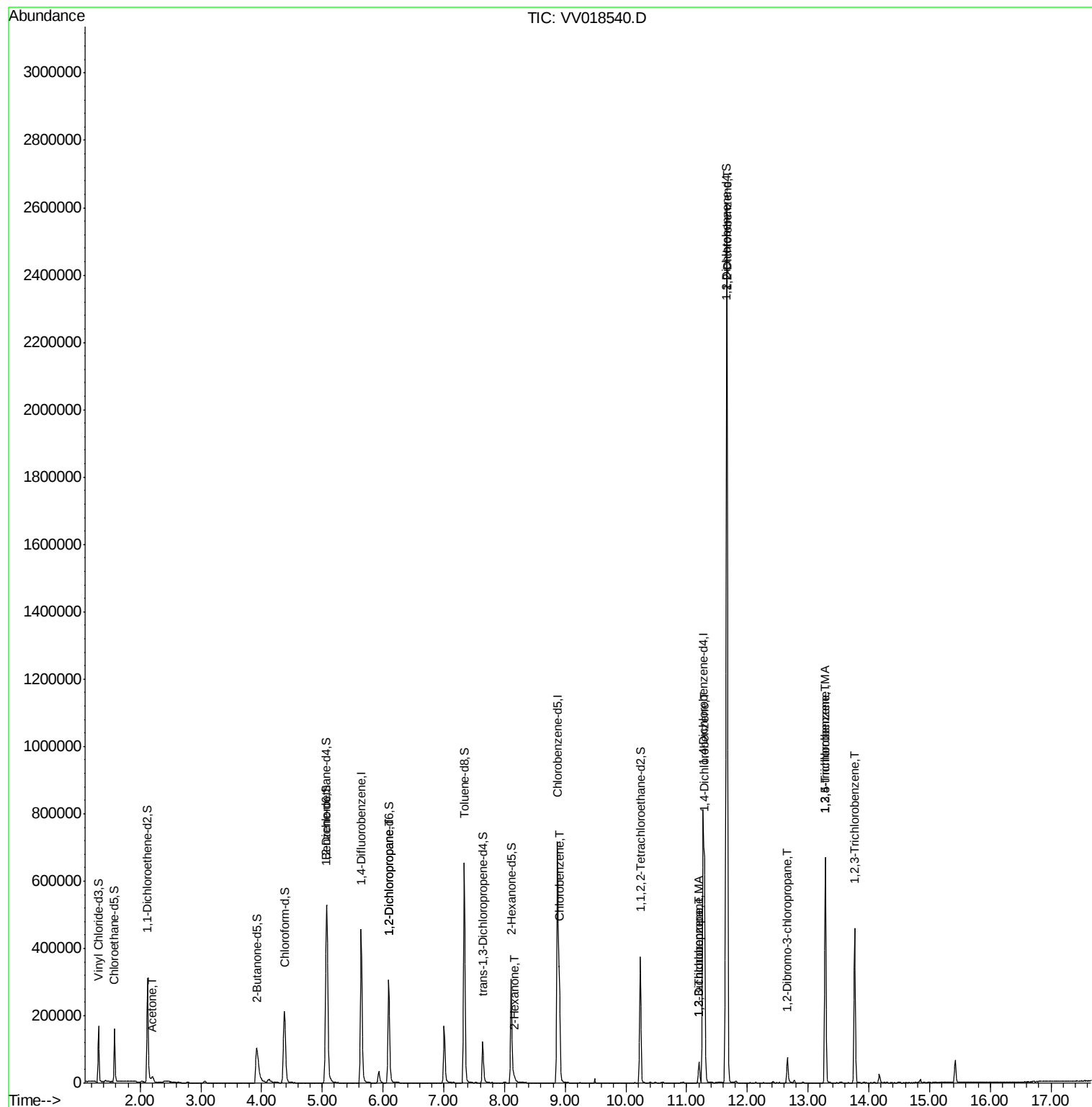
					Ovalue
13) Acetone	2.20	43	25903	17.438	ug/L 98
37) 1,2-Dichloropropane	6.09	63	15913	5.525	ug/L # 85
48) 2-Hexanone	8.16	43	8320	2.869	ug/L # 76
51) Chlorobenzene	8.90	112	175249	21.330	ug/L 99
59) 1,2,3-Trichloropropane	11.20	75	7346	2.097	ug/L # 46
62) 1,3-Dichlorobenzene	11.21	146	24431	3.823	ug/L 96
63) 1,4-Dichlorobenzene	11.30	146	240664	36.569	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	987628	156.208	ug/L 99
66) 1,2-Dibromo-3-chloropropan	12.66	75	1743	2.019	ug/L # 1
67) 1,3,5-Trichlorobenzene	13.28	180	203648	46.001	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	203648	49.436	ug/L 100
70) 1,2,3-Trichlorobenzene	13.77	180	141332	34.176	ug/L 98

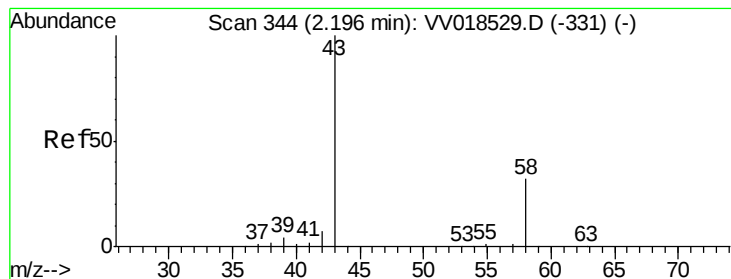
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 30 04:50:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 17.438 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018540.D

Acq: 30 Sep 2020 00:58

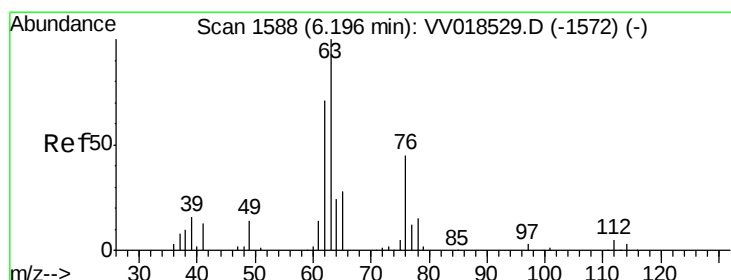
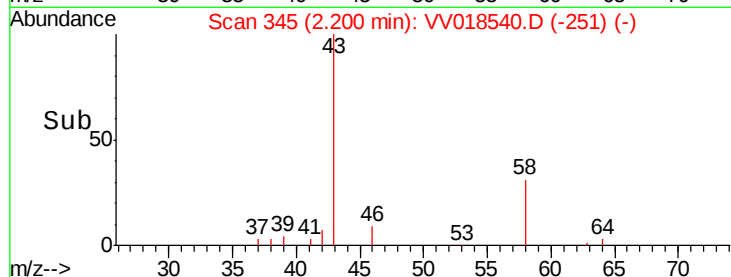
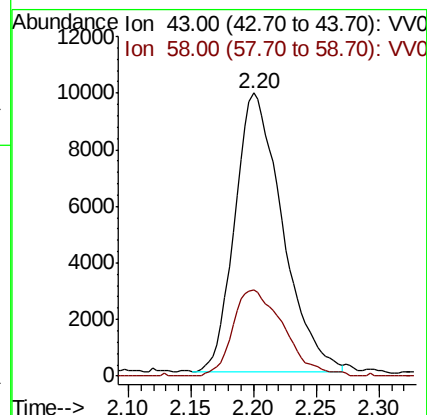
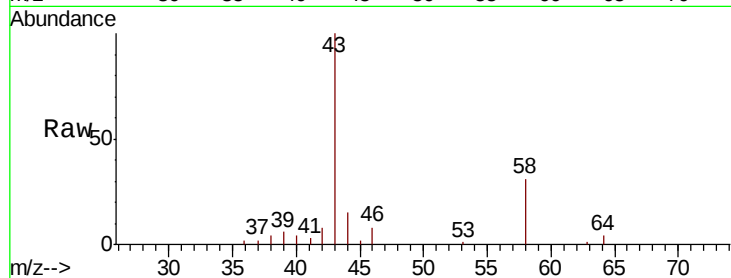
Instrument :
MSVOA_V
ClientSampled :
C0FG1

Tot Ion: 43 Resp: 25903

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0



#37

1,2-Dichloropropane

Concen: 5.525 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018540.D

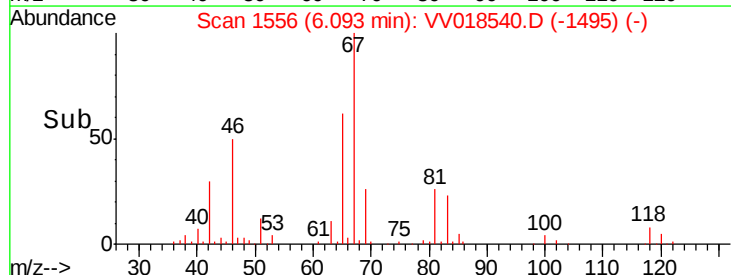
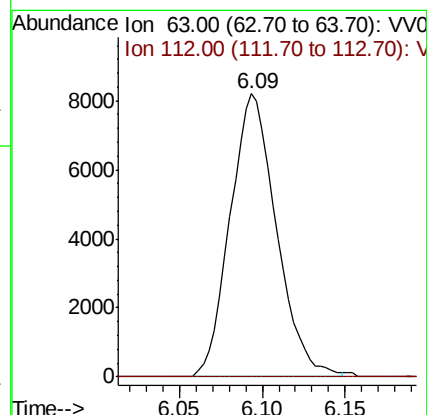
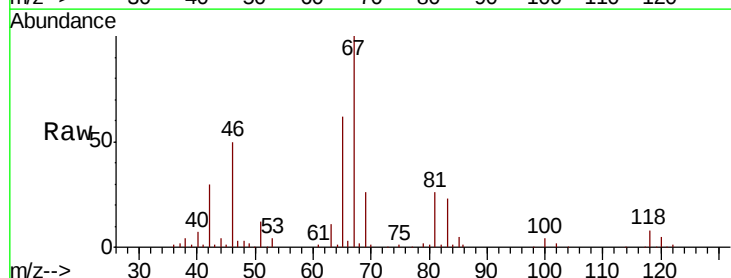
Acq: 30 Sep 2020 00:58

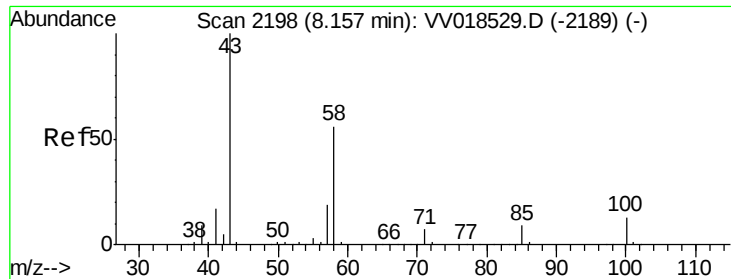
Tgt Ion: 63 Resp: 15913

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

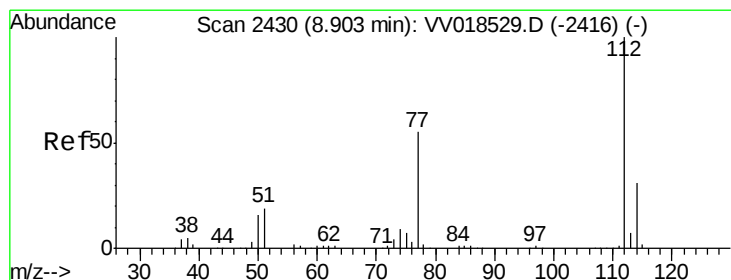
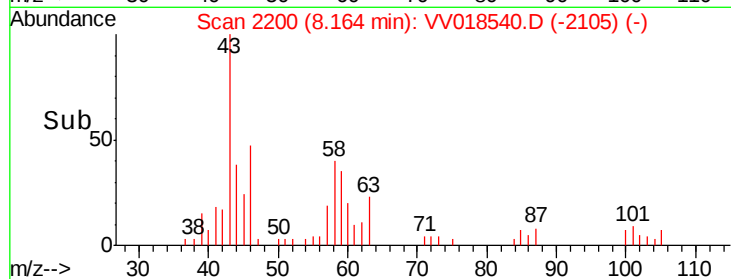
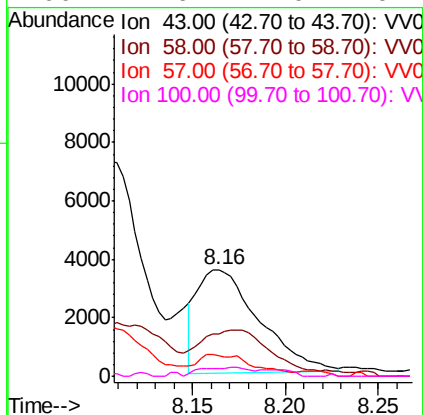
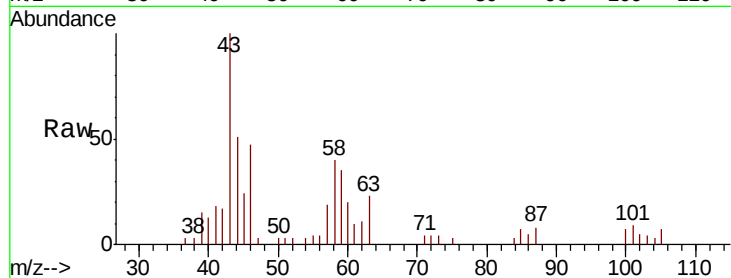




#48
2-Hexanone
Concen: 2.869 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018540.D
Acq: 30 Sep 2020 00:58

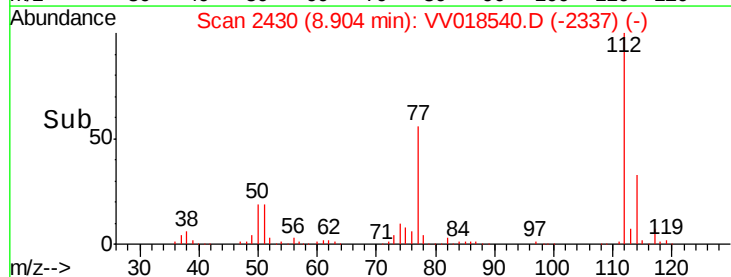
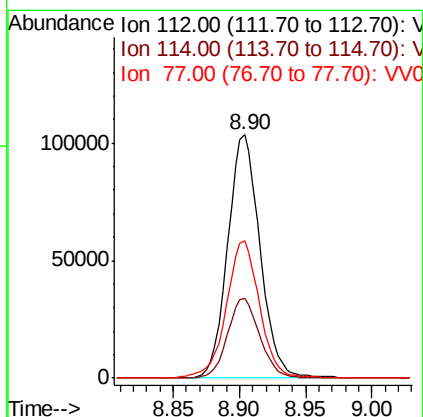
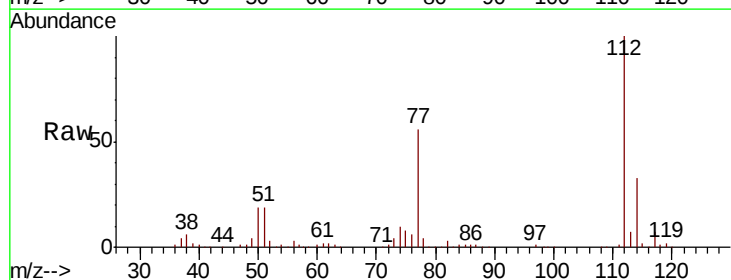
Instrument :
MSVOA_V
ClientSampleId :
C0FG1

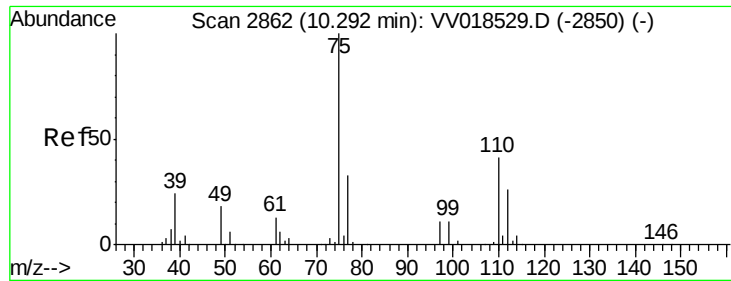
Tot Ion: 43 Resp: 8320
Ion Ratio Lower Upper
43 100
58 41.6 45.1 67.7#
57 4.2 15.7 23.5#
100 2.6 11.0 16.4#



#51
Chlorobenzene
Concen: 21.330 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018540.D
Acq: 30 Sep 2020 00:58

Tgt Ion: 112 Resp: 175249
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 56.2 44.8 67.2

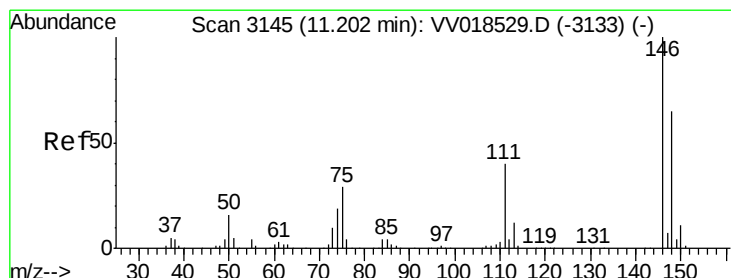
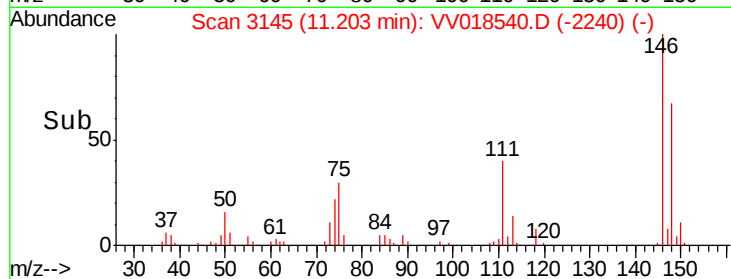
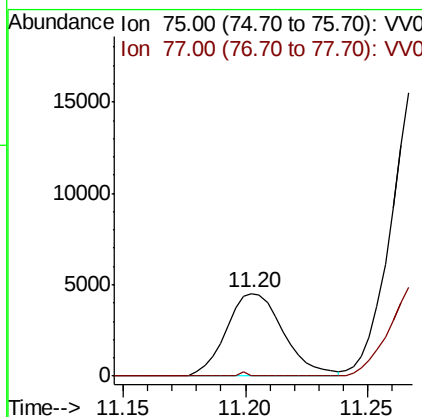
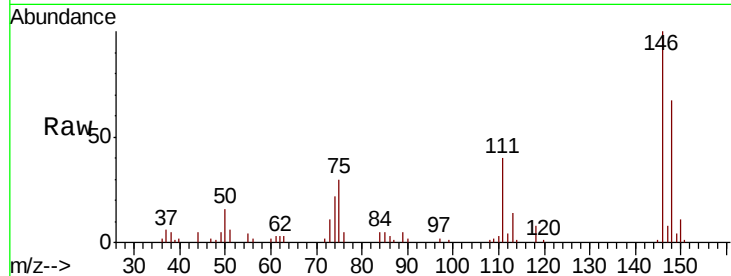




#59
 1,2,3-Trichloropropane
 Concen: 2.097 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.91 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

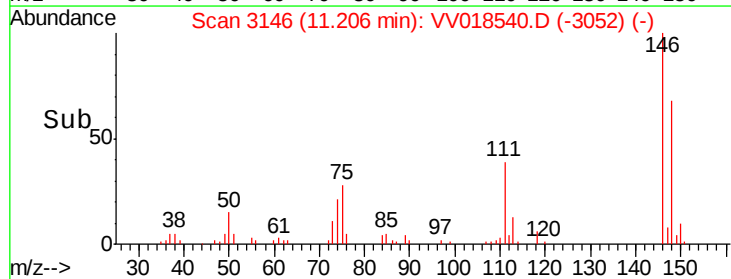
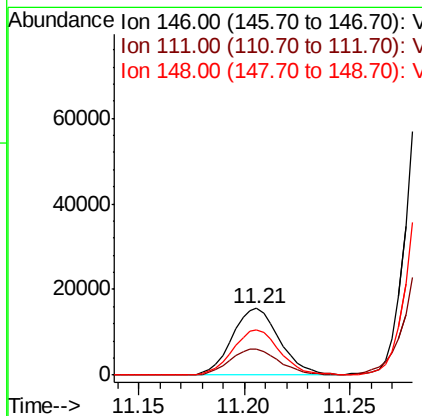
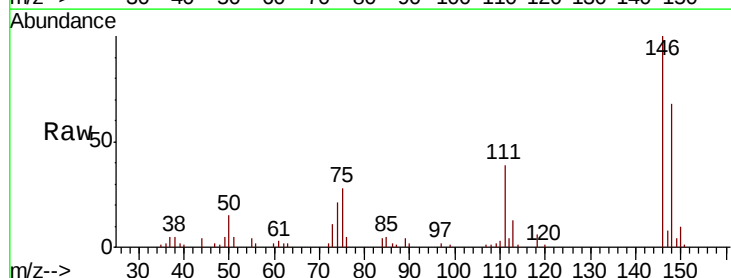
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG1

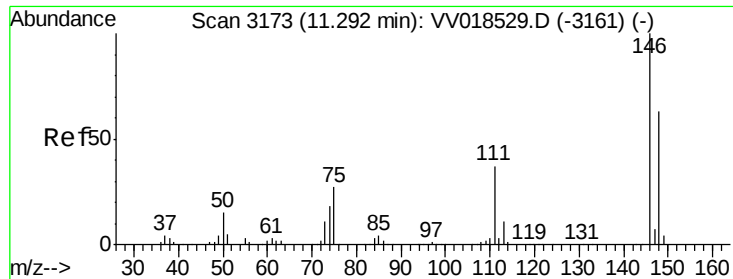
Tot Ion: 75 Resp: 7346
 Ion Ratio Lower Upper
 75 100
 77 1.6 25.4 38.0#



#62
 1,3-Dichlorobenzene
 Concen: 3.823 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

Tgt Ion: 146 Resp: 24431
 Ion Ratio Lower Upper
 146 100
 111 39.0 26.8 49.8
 148 67.8 44.0 81.8

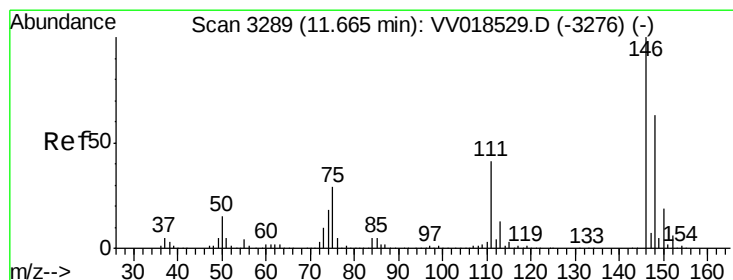
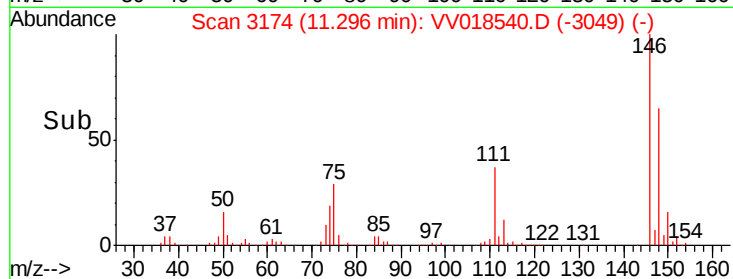
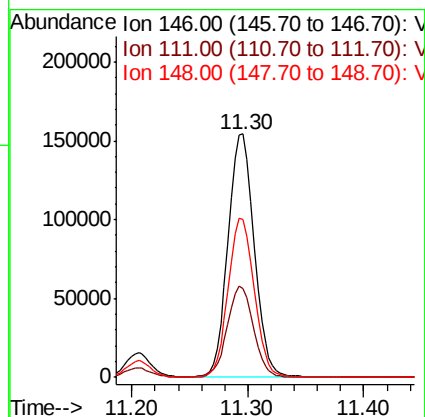
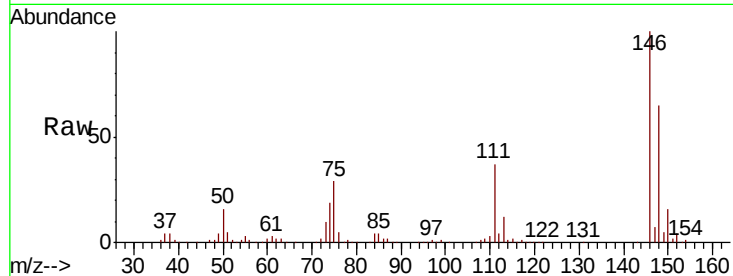




#63
 1,4-Dichlorobenzene
 Concen: 36.569 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

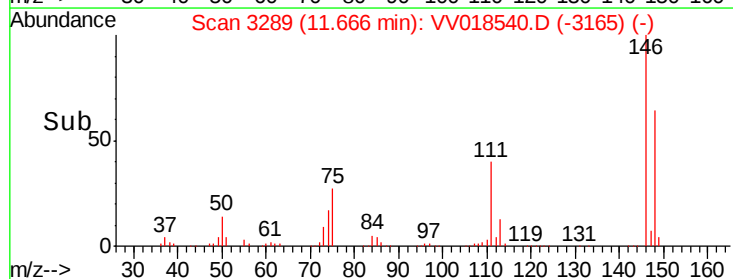
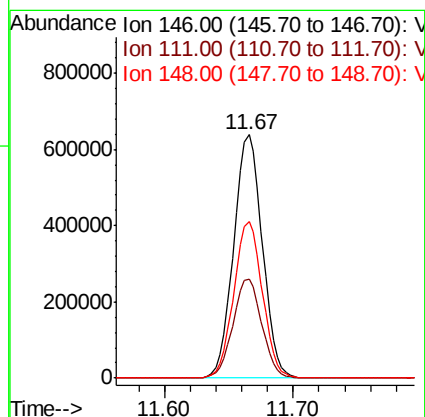
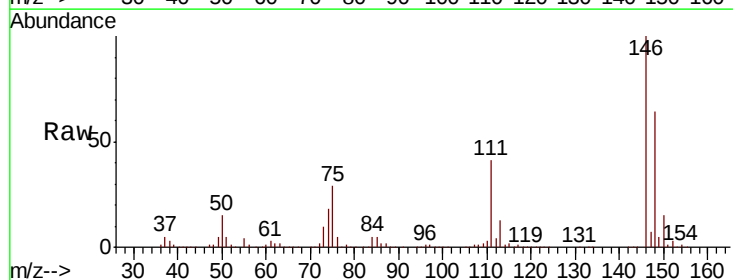
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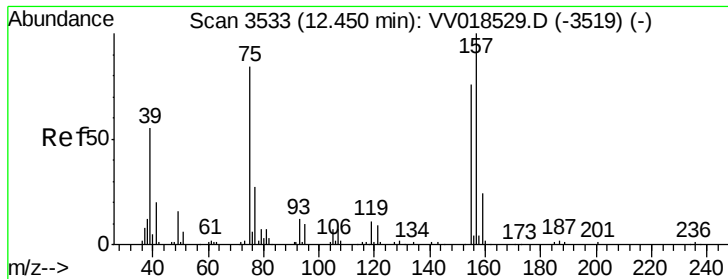
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	26.2	48.6
148	65.0	44.4	82.5



#65
 1,2-Dichlorobenzene
 Concen: 156.208 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.8	49.2
148	64.3	51.9	77.9

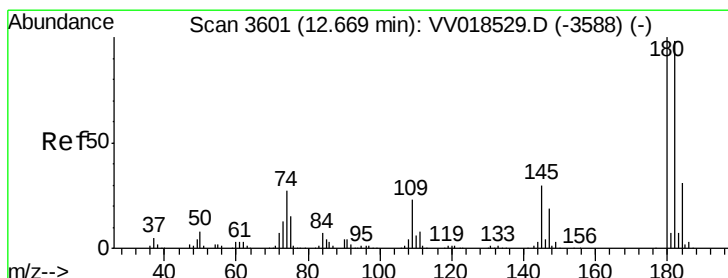
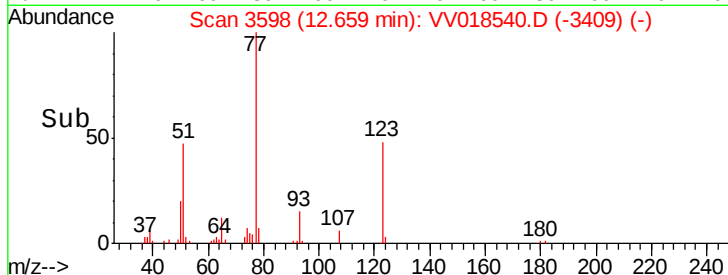
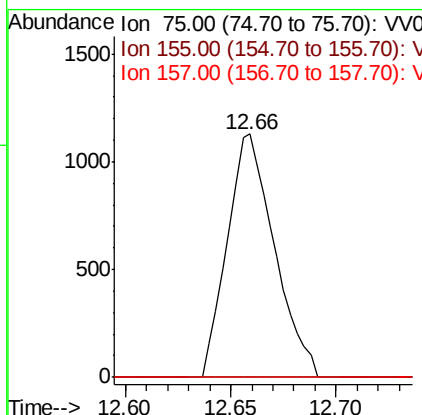
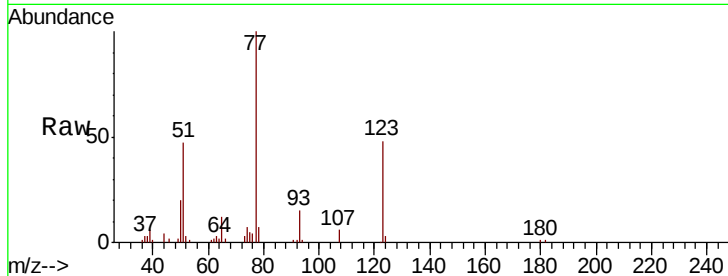




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.019 ug/L
 RT: 12.66 min Scan# 3598
 Delta R.T. 0.21 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

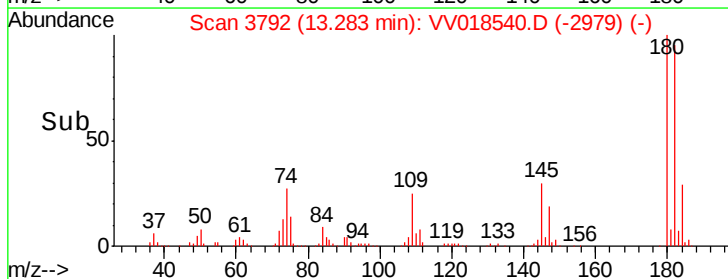
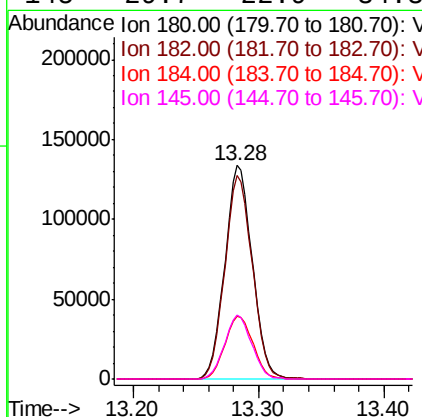
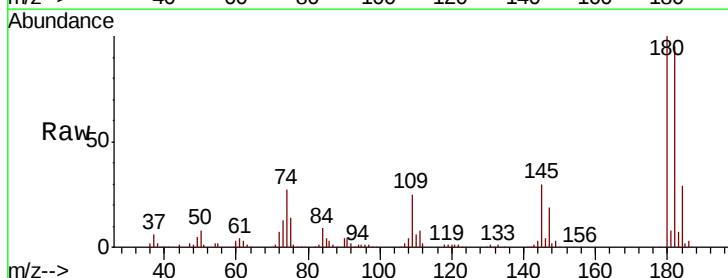
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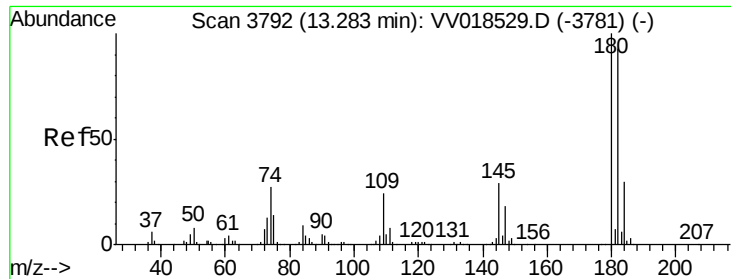
Tot Ion: 75 Resp: 1743
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.0 109.6#
 157 0.0 95.8 143.6#



#67
 1,3,5-Trichlorobenzene
 Concen: 46.001 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.61 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

Tgt Ion: 180 Resp: 203648
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.1 115.7
 184 30.0 24.3 36.5
 145 29.7 22.9 34.3

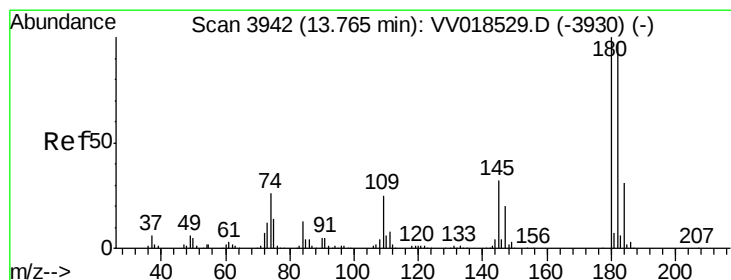
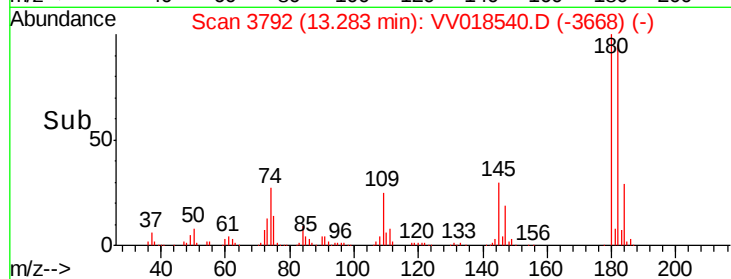
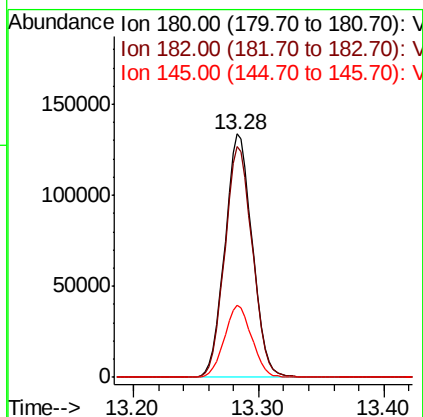
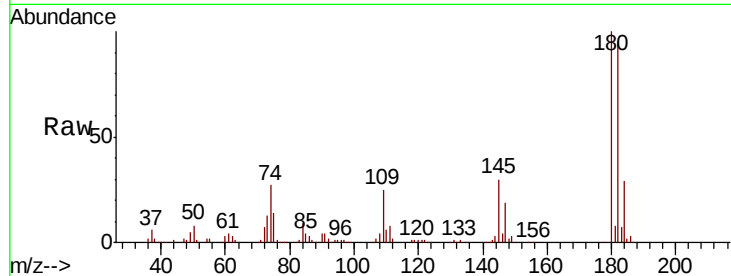




#68
 1,2,4-trichlorobenzene
 Concen: 49.436 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG1

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.3	114.5
145	29.7	23.6	35.4



#70
 1,2,3-Trichlorobenzene
 Concen: 34.176 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018540.D
 Acq: 30 Sep 2020 00:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.1	115.7
145	31.2	25.1	37.7

