

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 :
 ETTK5

Manual Integrations
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 3/31/2020 9:23:47 AM

Quant Time: Mar 28 08:33:19 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	1.58	69	131485m	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.20%
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
13) Acetone	2.21	43	82262	49.553	ug/L # 100
22) 2-Butanone	4.03	43	74091m	27.480	ug/L
51) Chlorobenzene	8.90	112	33117	2.893	ug/L 95
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

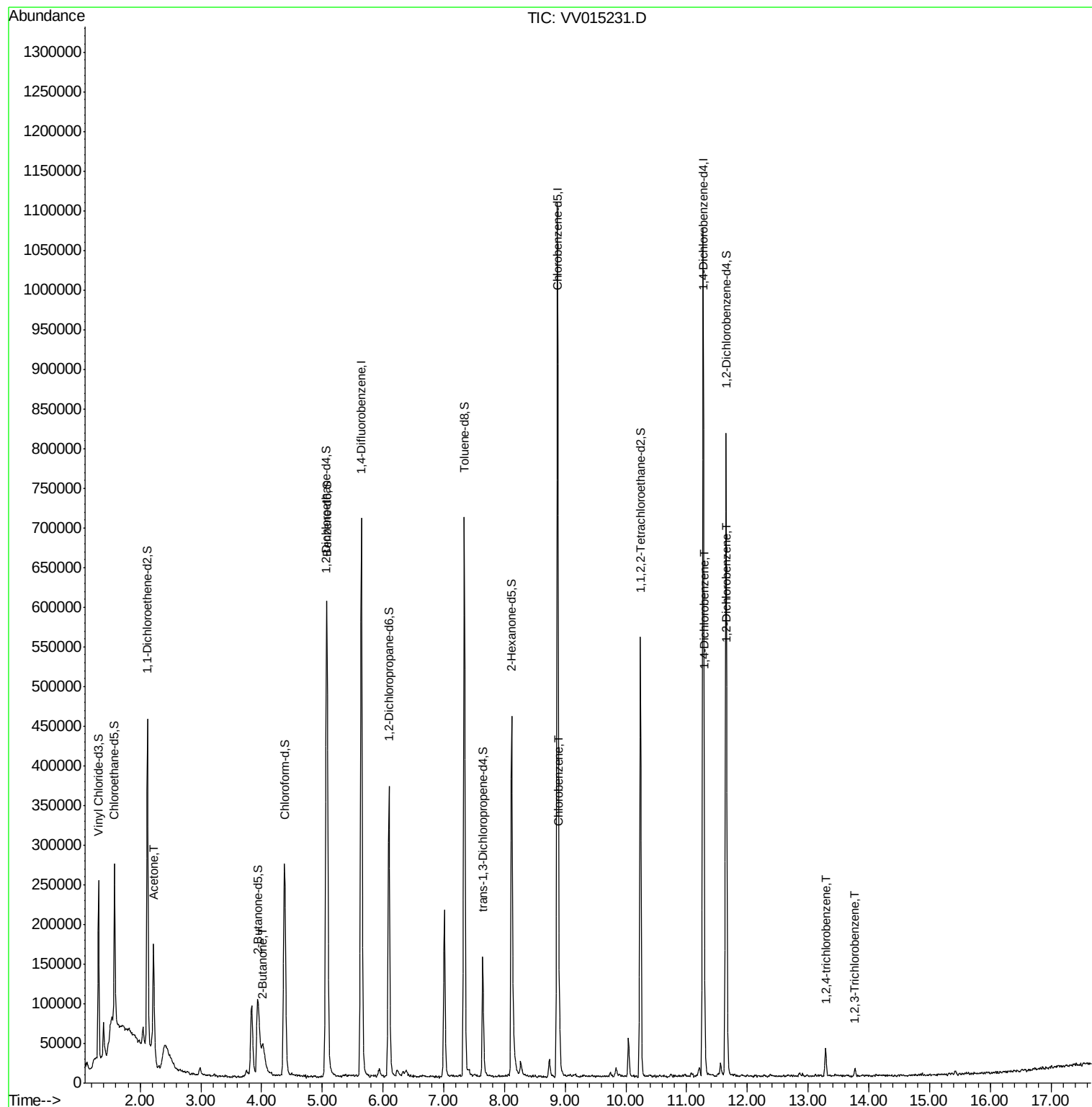
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Data File : VV015231.D
Acq On : 28 Mar 2020 07:34
Operator : SY/MD
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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

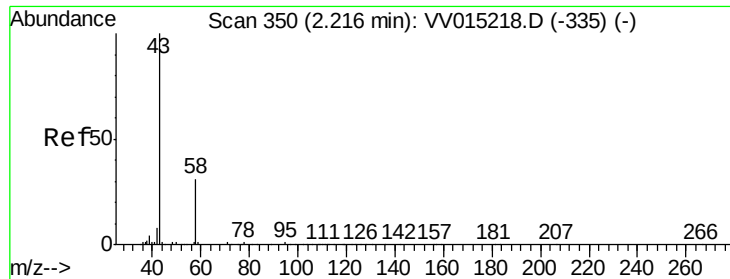
Instrument :
MSVOA_V
ClientSampled :
ETTK5

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Quant Time: Mar 28 08:33:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 28 05:21:13 2020
Response via : Initial Calibration





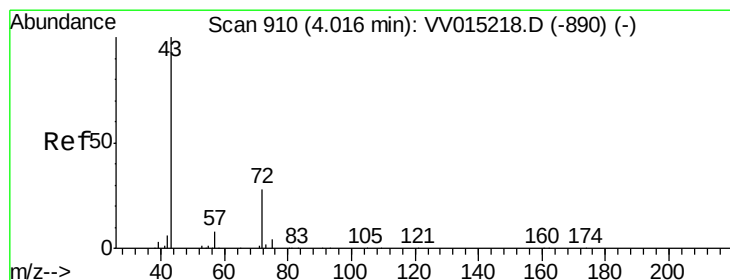
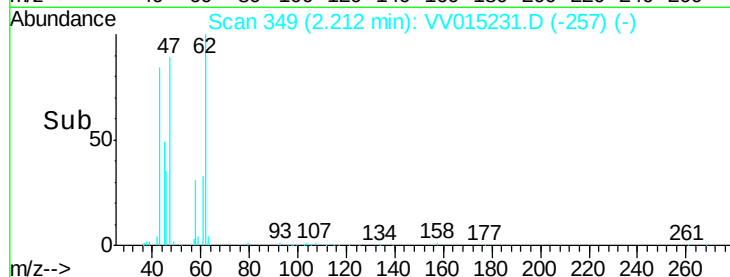
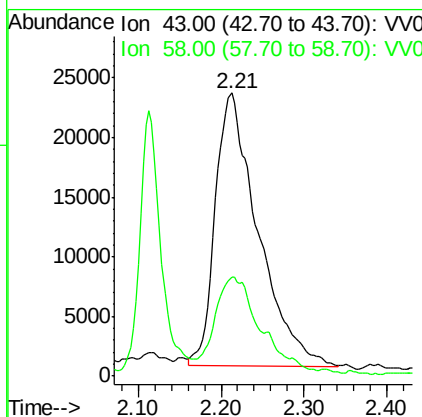
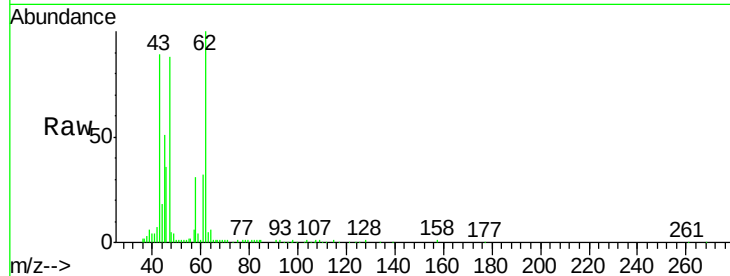
#13
Acetone
Concen: 49.553 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

Instrument :
MSVOA_V
ClientSampled :
ETTK5

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

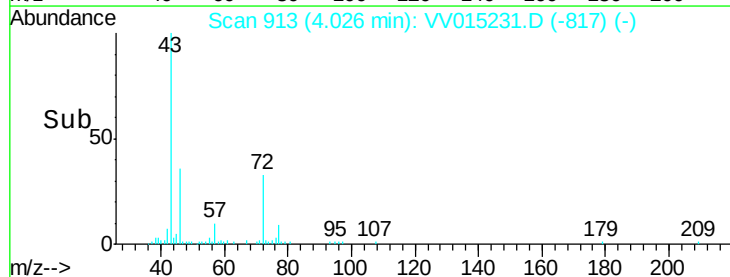
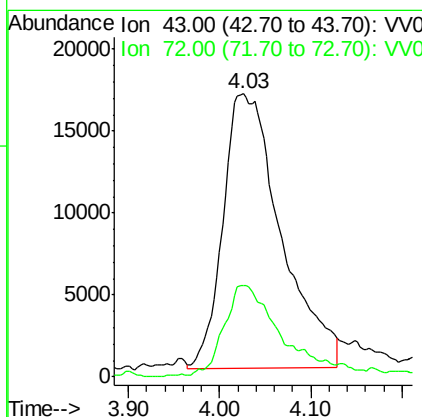
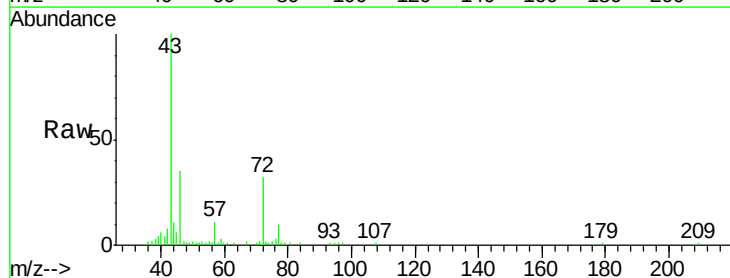
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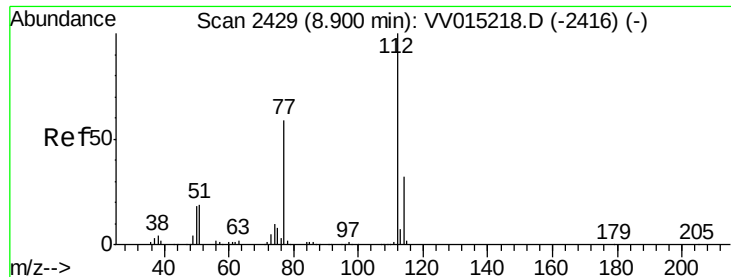
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#22
2-Butanone
Concen: 27.480 ug/L m
RT: 4.03 min Scan# 913
Delta R.T. 0.01 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

Tgt Ion: 43 Resp: 74091
Ion Ratio Lower Upper
43 100
72 0.0 9.8 29.5#





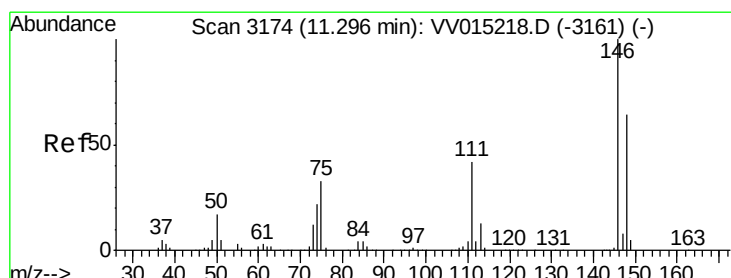
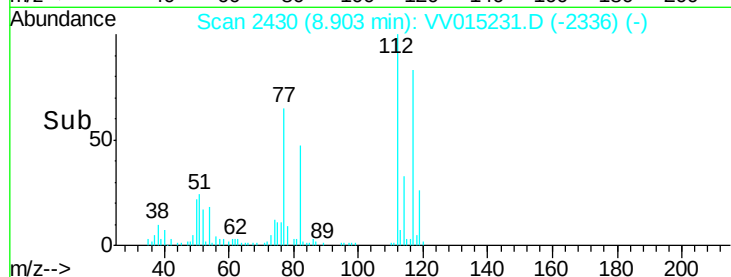
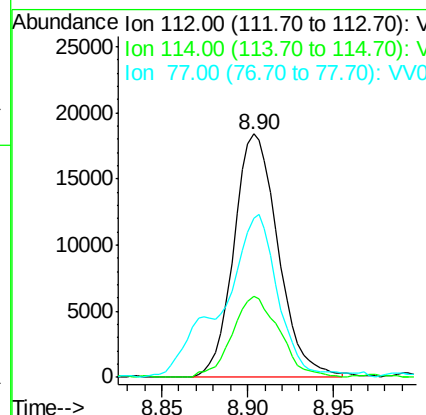
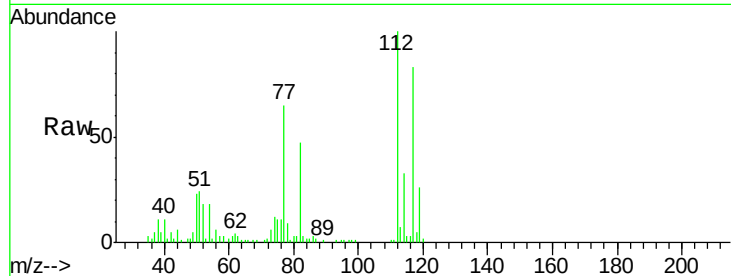
#51
Chlorobenzene
Concen: 2.893 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

Instrument :
MSVOA_V
ClientSampleId :
ETTK5

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.3	41.5
77	65.3	48.2	72.2

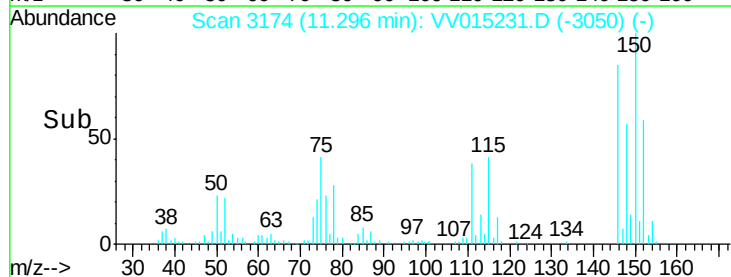
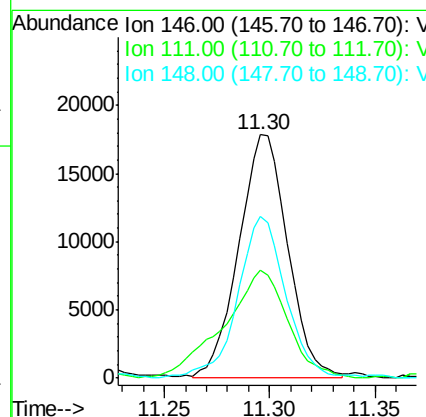
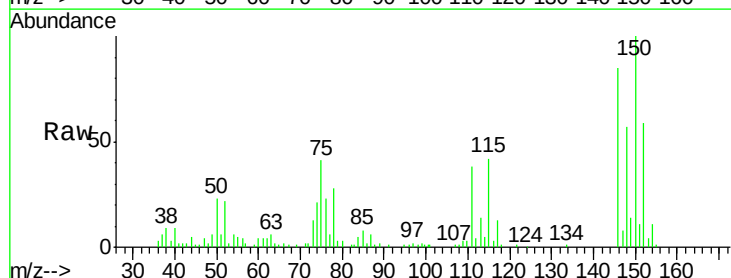
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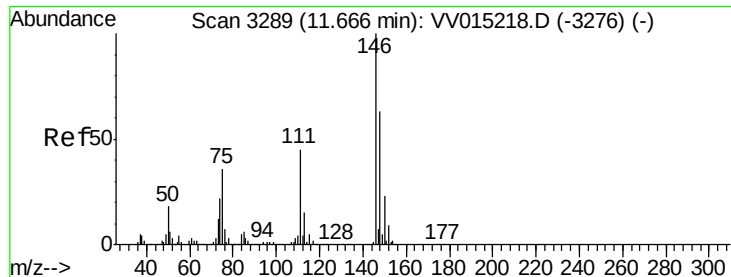
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#63
1,4-Dichlorobenzene
Concen: 3.765 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV015231.D
Acq: 28 Mar 2020 07:34

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





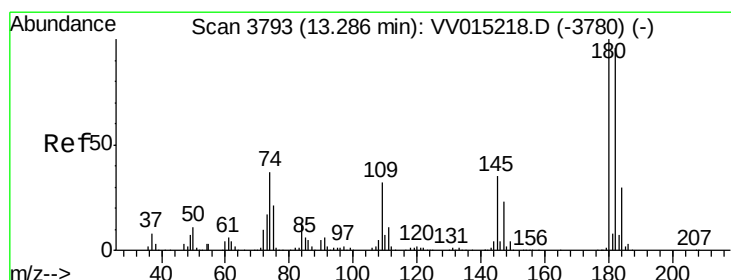
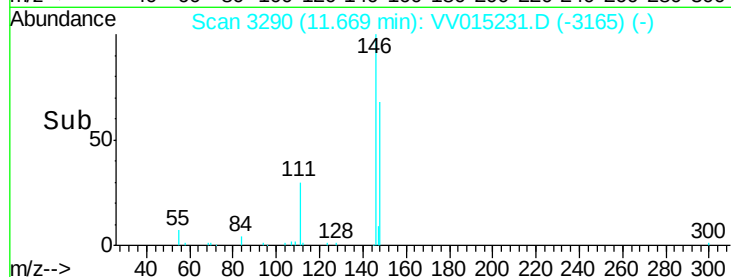
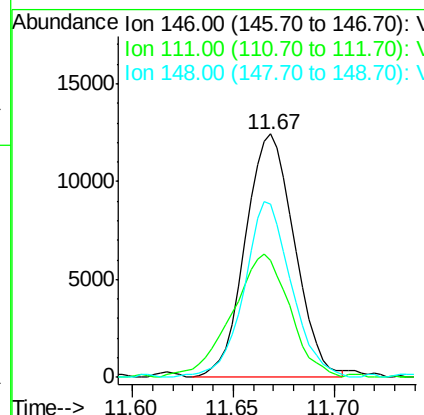
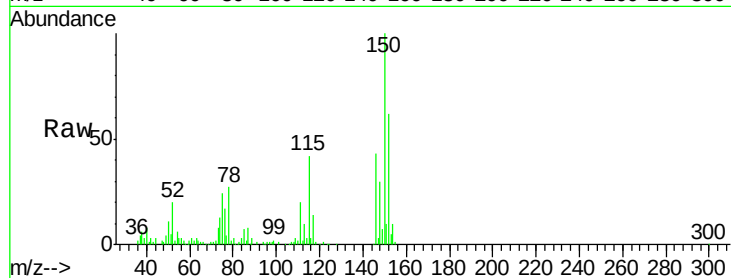
#65
 1,2-Dichlorobenzene
 Concen: 2.737 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV015231.D
 Acq: 28 Mar 2020 07:34

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTK5

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

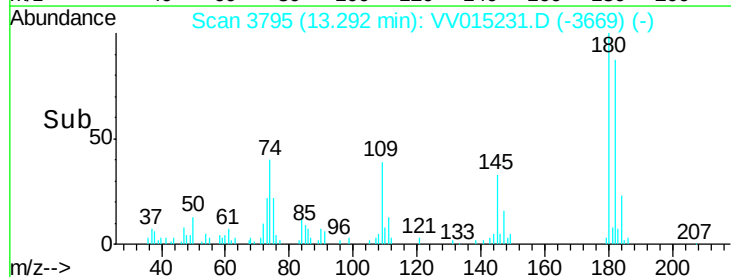
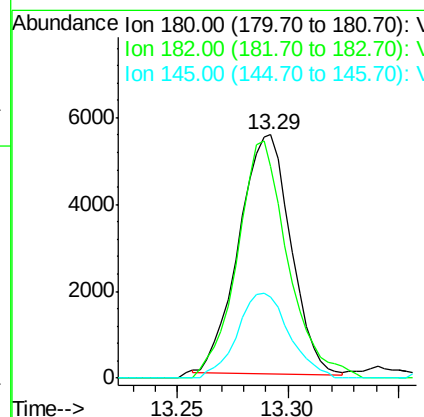
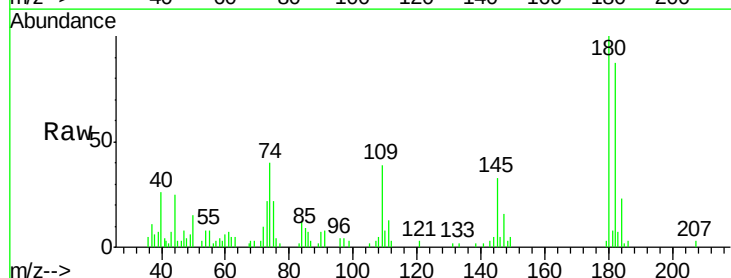
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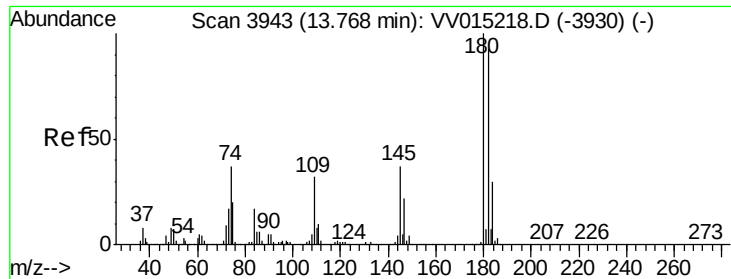
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#68
 1,2,4-trichlorobenzene
 Concen: 2.005 ug/L
 RT: 13.29 min Scan# 3795
 Delta R.T. 0.01 min
 Lab File: VV015231.D
 Acq: 28 Mar 2020 07:34

Tgt Ion	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 :
 ETTK5

Tot Ion	Ratio	Lower	Upper
180	100		
182	73.0	75.9	113.9#
145	17.7	29.0	43.6#

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