

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
 Data File : VW014138.D
 Acq On : 26 Nov 2019 16:42
 Operator : SY/VA
 Sample : K6063-03
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM9

Manual Integrations
 APPROVED

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 11/27/2019 6:05:37 PM

Quant Time: Nov 27 08:34:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 27 06:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	130102	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	44919	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	4443	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51642	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
7) Chloroethane-d5	2.89	69	57618	34.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.96%
10) 1,1-Dichloroethene-d2	4.01	63	70401	16.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.12%
20) 2-Butanone-d5	7.07	46	58271	96.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.26%#
24) Chloroform-d	7.65	84	154014	38.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	154.00%#
26) 1,2-Dichloroethane-d4	8.30	65	58485	29.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.32%
29) Benzene-d6	8.27	84	266611	83.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	334.60%#
33) 1,2-Dichloropropane-d6	9.27	67	95388	102.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	408.68%#
37) Toluene-d8	10.32	98	120263	39.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	159.16%#
38) trans-1,3-Dichloropropene-	10.58	79	6742	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.44%
39) 2-Hexanone-d5	10.92	63	18879	106.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	213.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59732	84.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	338.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	8969	50.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	200.96%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	3961	6.455 ug/L	83
30) Cyclohexane	7.95	56	1733m	1.206 ug/L	
36) Methylcyclohexane	9.34	83	3326	2.111 ug/L #	84
64) 1,4-Dichlorobenzene	13.57	146	386	1.252 ug/L	90
65) 1,2-Dichlorobenzene	13.87	146	1311	4.746 ug/L	90
68) 1,2,4-trichlorobenzene	15.13	180	6612	35.369 ug/L	96
70) 1,2,3-Trichlorobenzene	15.55	180	4740	28.730 ug/L	93

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

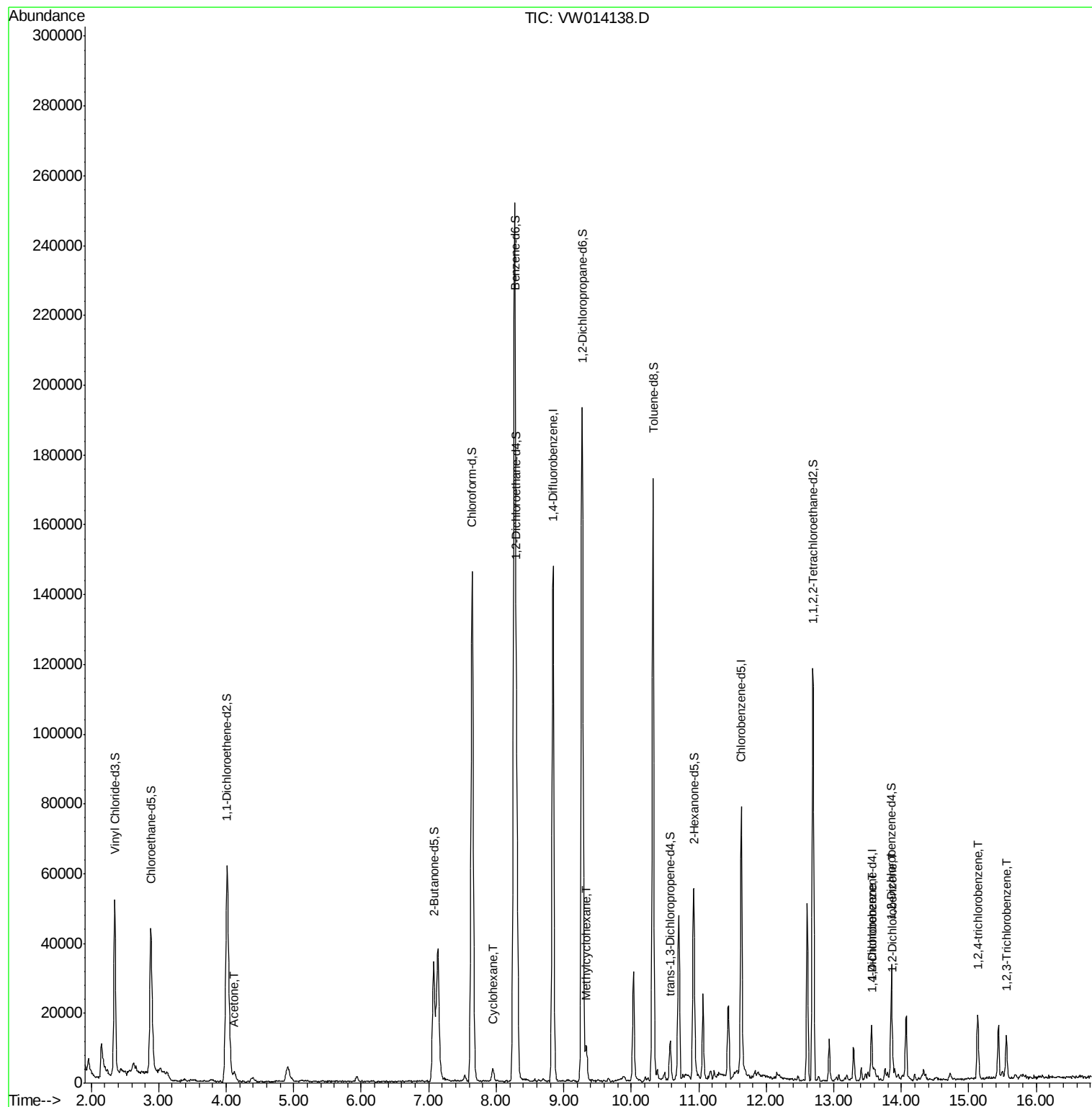
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112619\
Data File : VW014138.D
Acq On : 26 Nov 2019 16:42
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

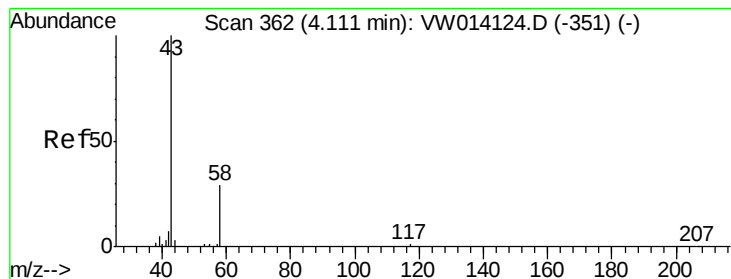
Instrument :
MSVOA_W
ClientSampleId :
C0BM9

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Quant Time: Nov 27 08:34:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.455 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014138.D

Acq: 26 Nov 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

COBM9

Tot Ion: 43 Resp: 3961

Ion Ratio Lower Upper

43 100

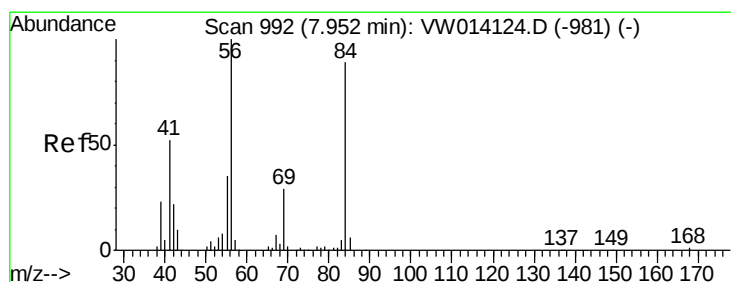
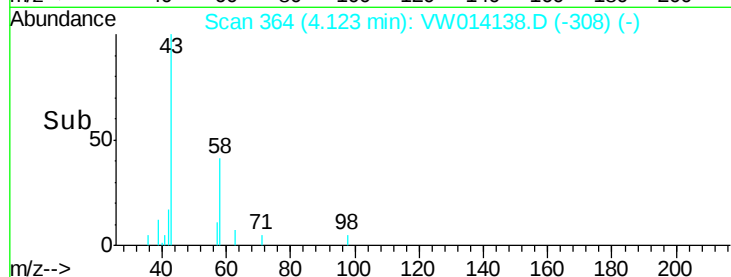
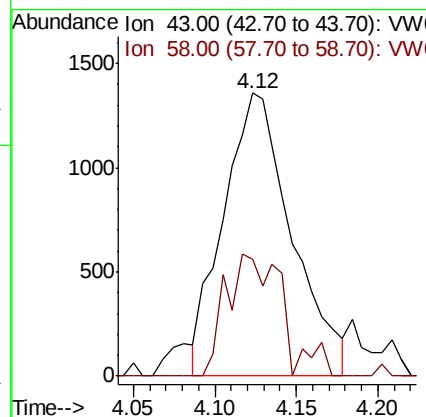
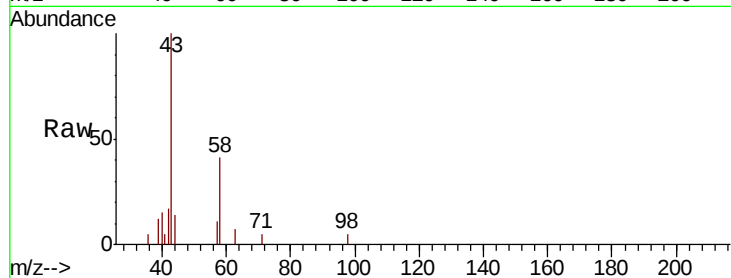
58 23.0 0.0 65.4

Manual Integrations

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#30

Cyclohexane

Concen: 1.206 ug/L m

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014138.D

Acq: 26 Nov 2019 16:42

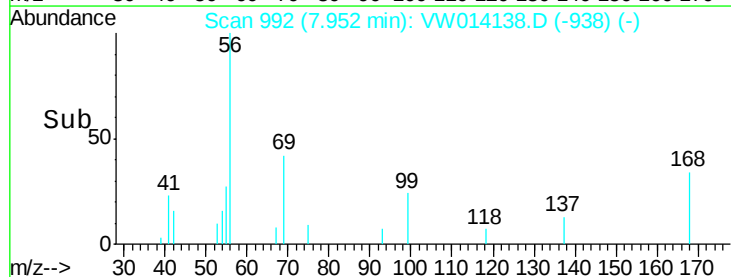
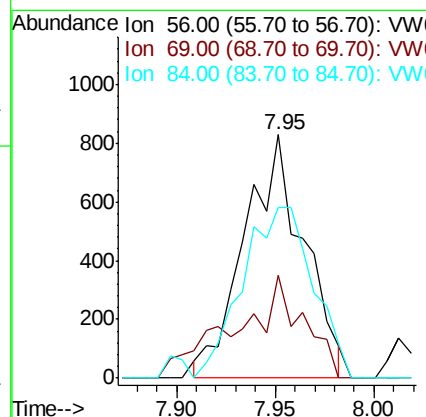
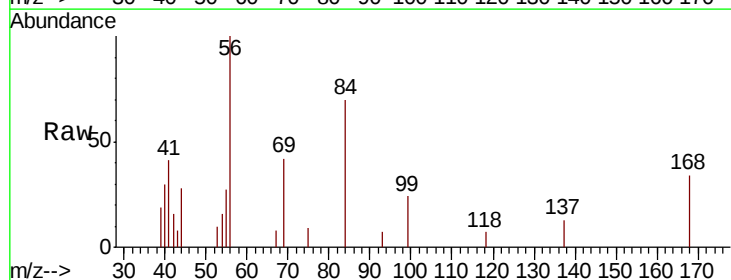
Tgt Ion: 56 Resp: 1733

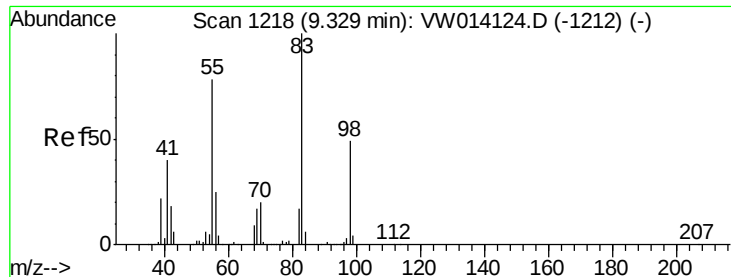
Ion Ratio Lower Upper

56 100

69 21.6 24.6 37.0#

84 83.6 70.2 105.2





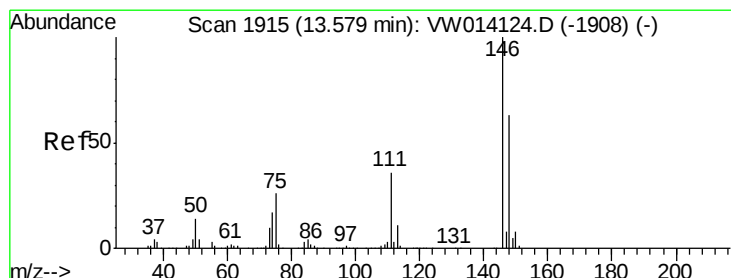
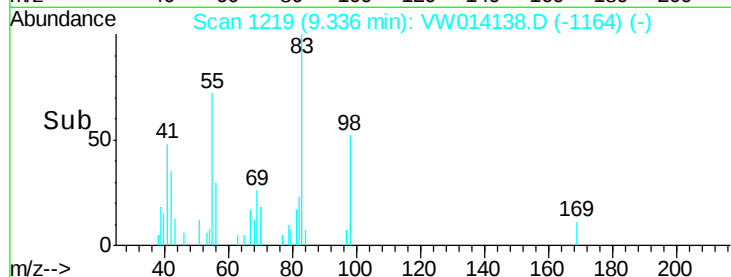
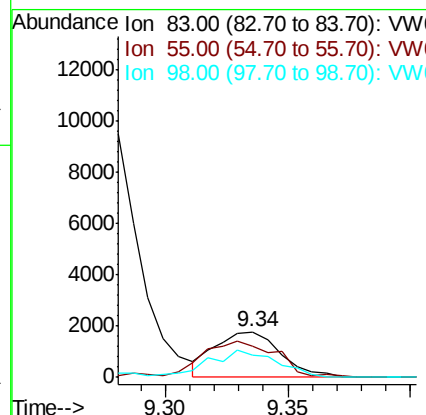
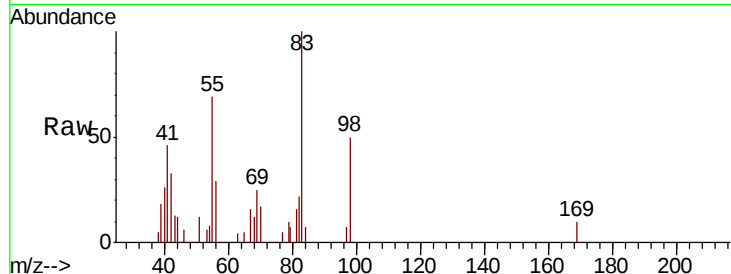
#36
Methvlcvclohexane
Concen: 2.111 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014138.D
Acq: 26 Nov 2019 16:42

Instrument :
MSVOA_W
ClientSampleId :
C0BM9

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.6	59.8	89.8
98	61.9	39.5	59.3

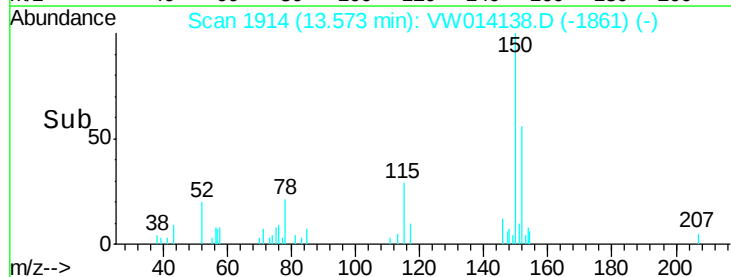
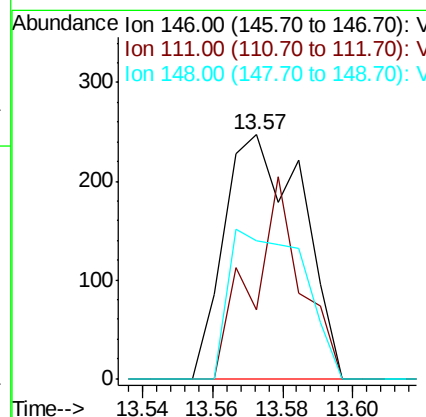
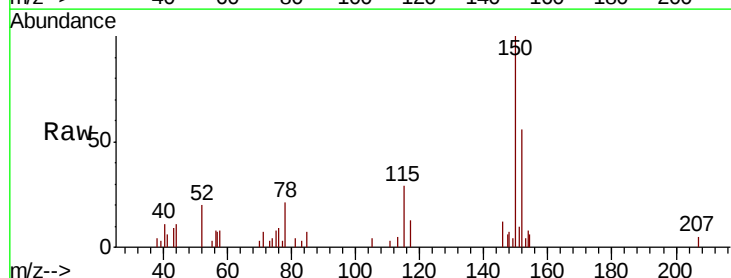
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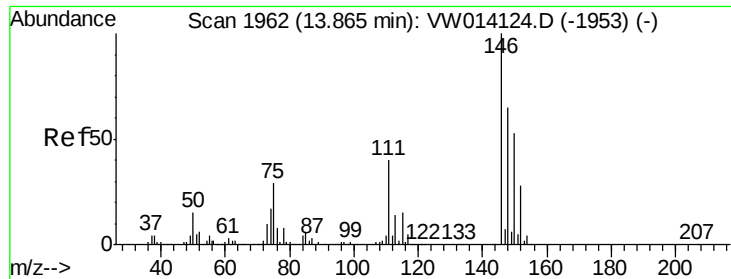
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#64
1,4-Dichlorobenzene
Concen: 1.252 ug/L
RT: 13.57 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW014138.D
Acq: 26 Nov 2019 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	27.9	24.9	46.3
148	56.7	43.9	81.5





#65

1,2-Dichlorobenzene

Concen: 4.746 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VW014138.D

Acq: 26 Nov 2019 16:42

Instrument :

MSVOA_W

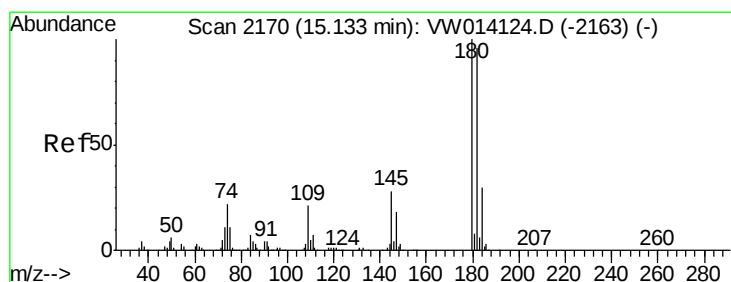
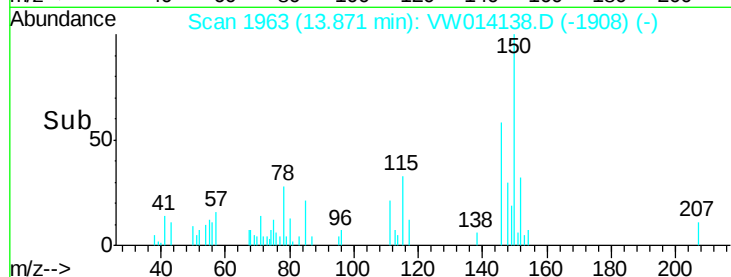
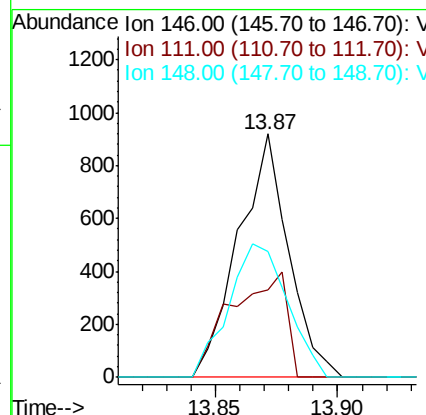
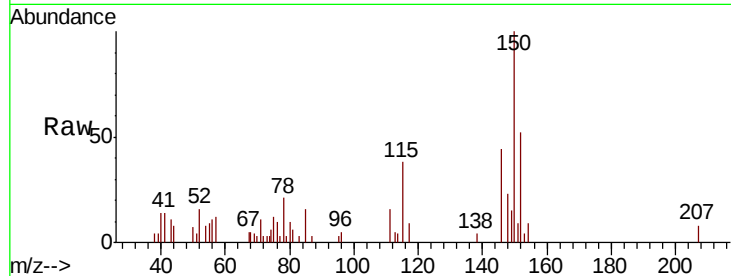
ClientSampled :

C0BM9

Tot Ion:	146	Resp:	1311
Ion Ratio	Lower	Upper	
146	100		
111	35.7	30.5	45.7
148	51.6	49.4	74.2

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#68

1,2,4-trichlorobenzene

Concen: 35.369 ug/L

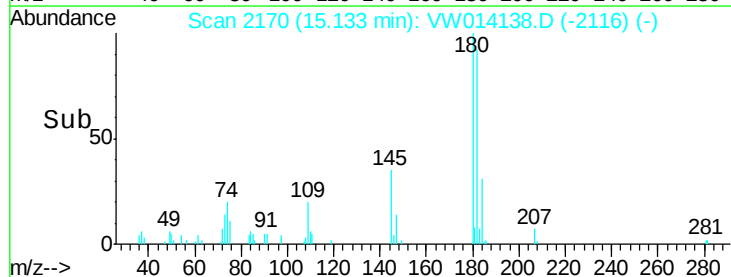
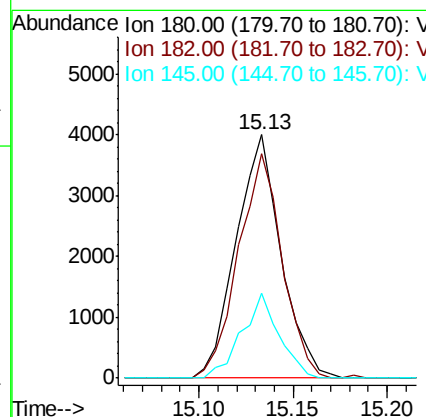
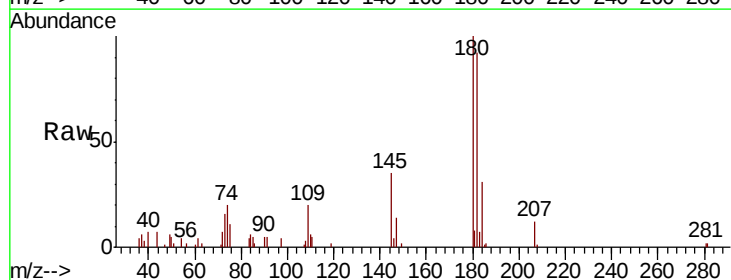
RT: 15.13 min Scan# 2170

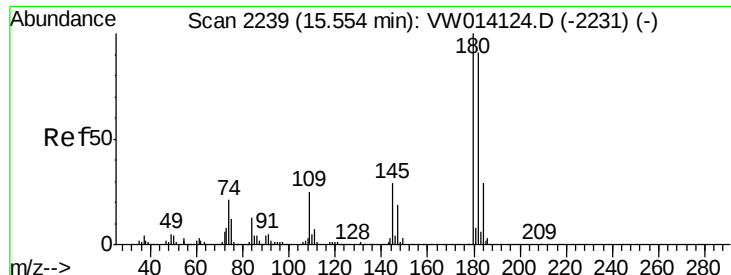
Delta R.T. 0.00 min

Lab File: VW014138.D

Acq: 26 Nov 2019 16:42

Tgt Ion:	180	Resp:	6612
Ion Ratio	Lower	Upper	
180	100		
182	89.7	75.8	113.8
145	29.0	22.4	33.6





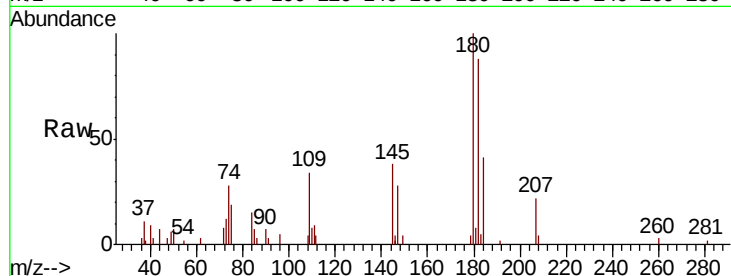
#70
 1,2,3-Trichlorobenzene
 Concen: 28.730 ug/L
 RT: 15.55 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: VW014138.D
 Acq: 26 Nov 2019 16:42

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM9

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.0	75.8	113.6
145	31.6	24.0	36.0

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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

