

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016104.D
 Acq On : 18 May 2020 16:14
 Operator : SY/MD
 Sample : L2655-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F23

Manual Integrations
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Quant Time: May 19 06:05:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	292555	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	290651	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137505	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100182	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.96%
7) Chloroethane-d5	1.58	69	91697	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.12	63	146296	36.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.34%
21) 2-Butanone-d5	3.93	46	140607	110.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.50%
24) Chloroform-d	4.38	84	186478	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.06	65	142072	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
32) Benzene-d6	5.08	84	389482	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.10	67	124260	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.34	98	358127	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%
43) trans-1,3-Dichloropropene-	7.64	79	57416	45.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.82%
47) 2-Hexanone-d5	8.12	63	89016	108.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	152729	48.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	139241	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	22633m	18.268	ug/L	
25) Chloroform	4.41	83	13845	3.397	ug/L	95
51) Chlorobenzene	8.90	112	59647	10.285	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	9680	2.267	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	101430	23.225	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	424920	98.560	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	84907	32.061	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	71694	26.717	ug/L	98

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

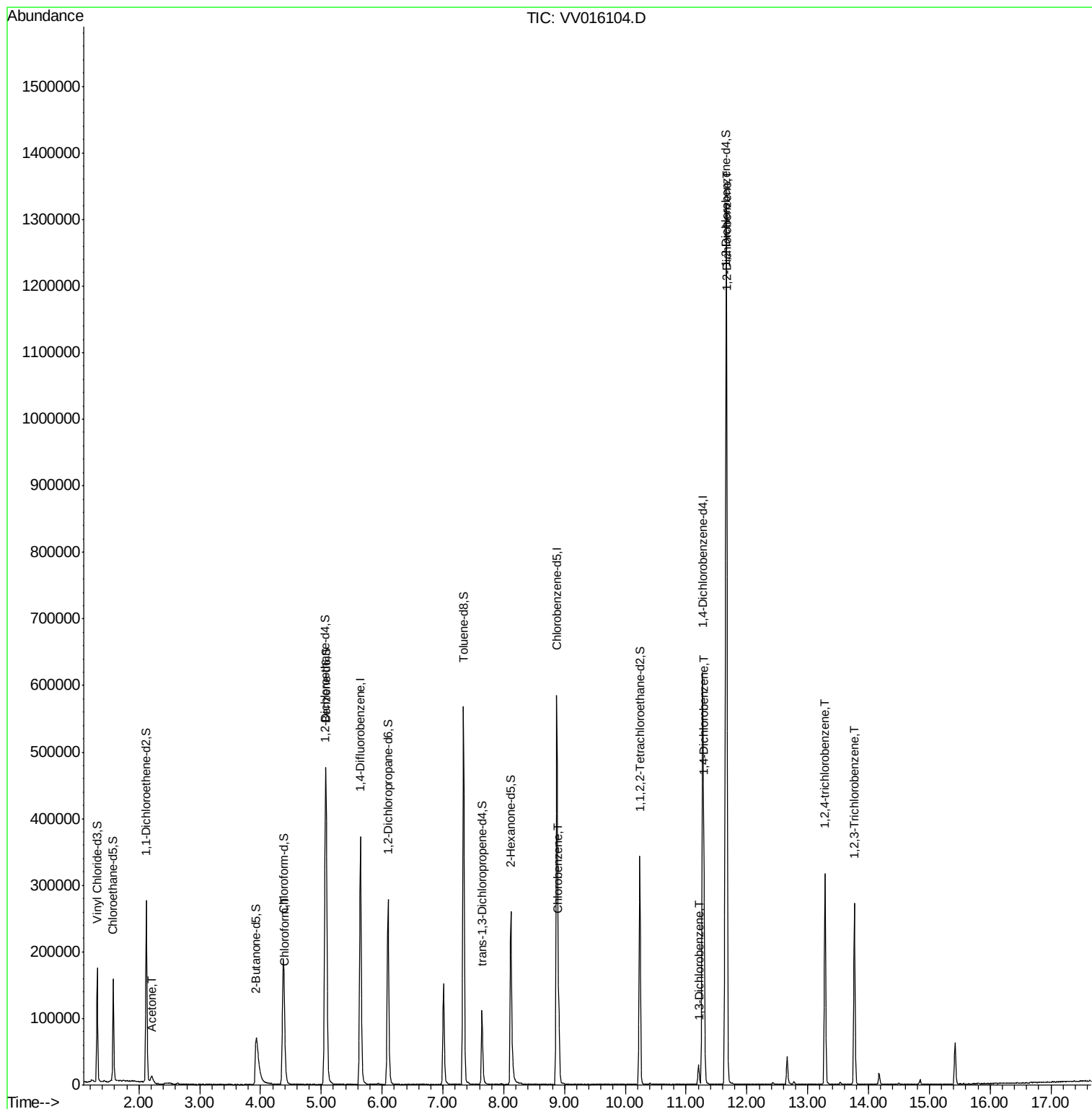
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051820\
Data File : VV016104.D
Acq On : 18 May 2020 16:14
Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

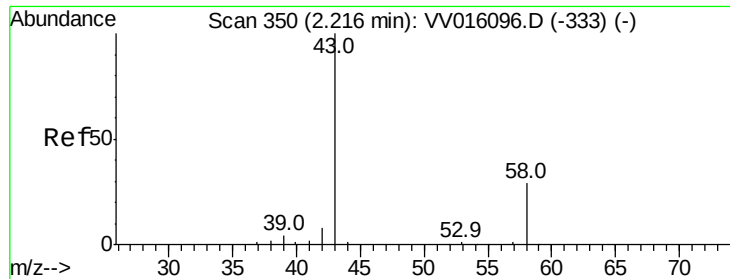
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: May 19 06:05:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 19 04:04:01 2020
Response via : Initial Calibration





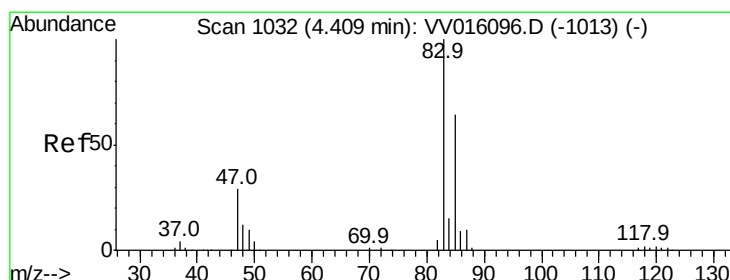
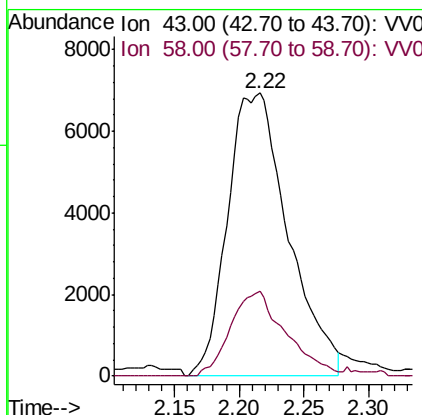
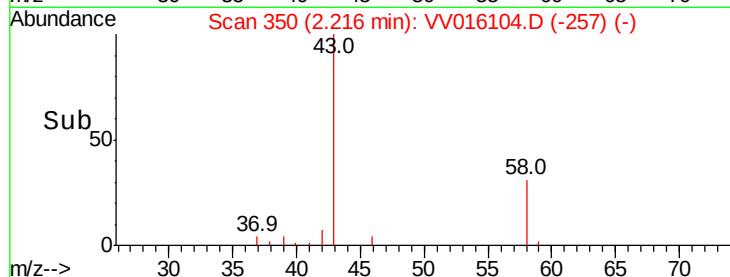
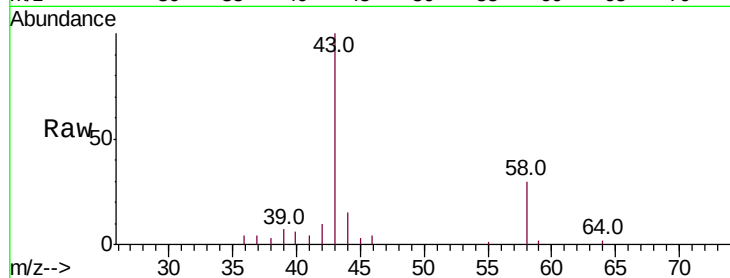
#13
Acetone
Concen: 18.268 ug/L m
RT: 2.22 min Scan# 350
Delta R.T. 0.00 min
Lab File: VV016104.D
Acq: 18 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :
C0F23

Tot Ion: 43 Resp: 22633
Ion Ratio Lower Upper
43 100
58 27.2 0.0 57.8

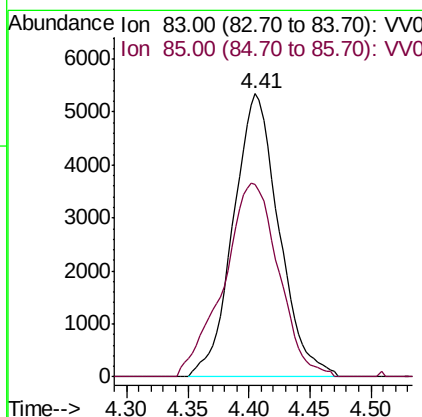
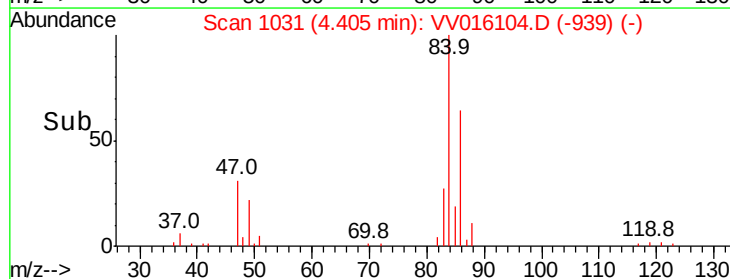
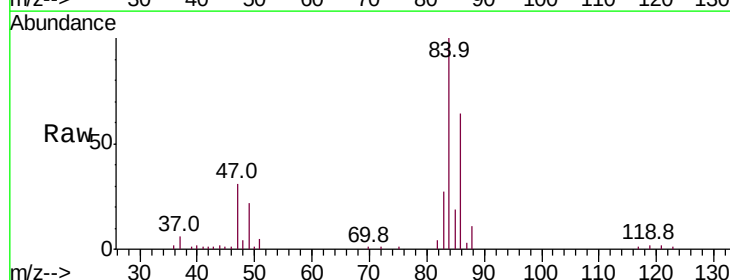
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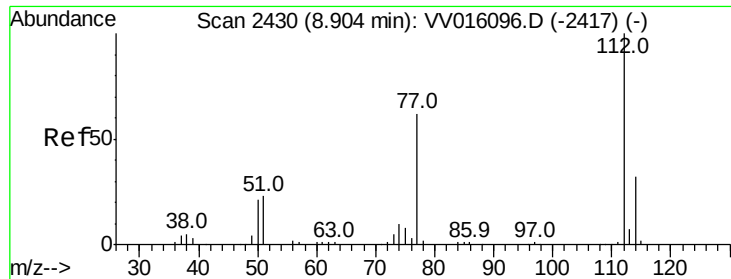
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#25
Chloroform
Concen: 3.397 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV016104.D
Acq: 18 May 2020 16:14

Tgt Ion: 83 Resp: 13845
Ion Ratio Lower Upper
83 100
85 68.1 45.1 83.9





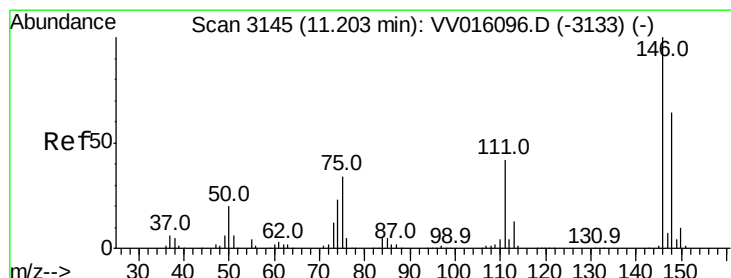
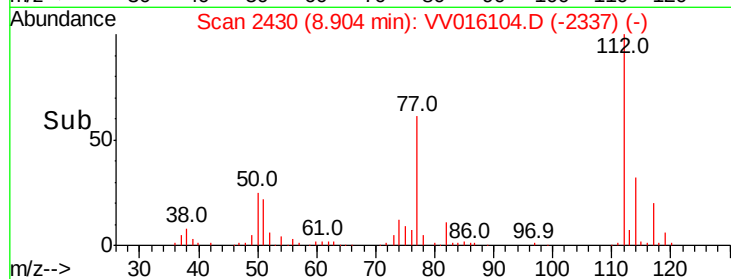
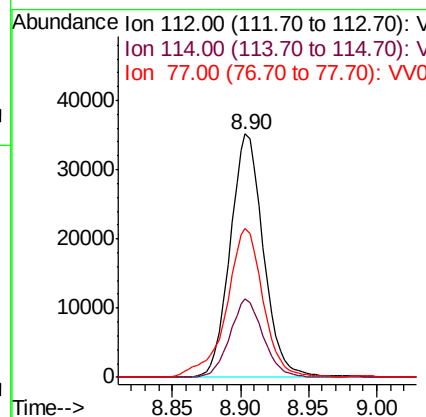
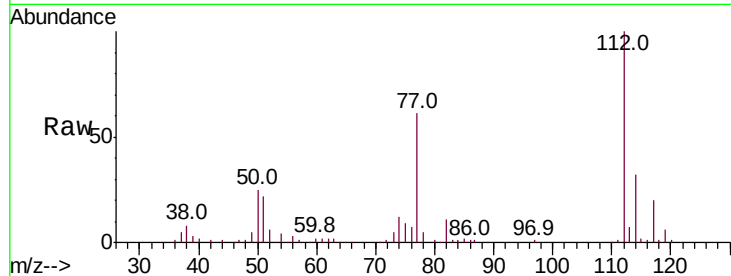
#51
Chlorobenzene
Concen: 10.285 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016104.D
Acq: 18 May 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	61.2	50.4	75.6

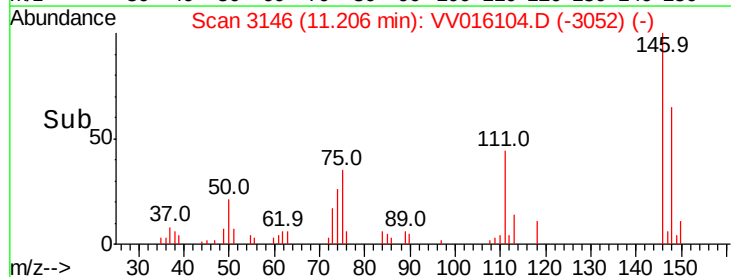
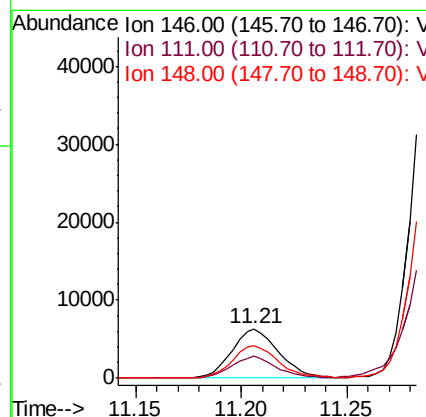
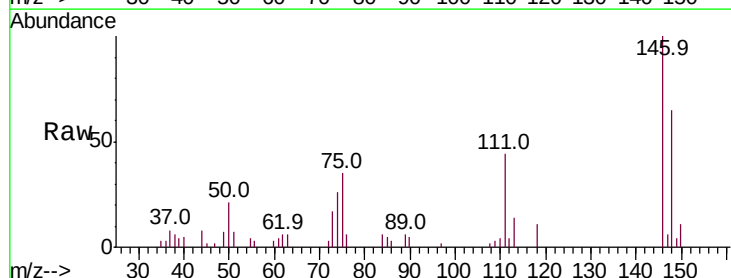
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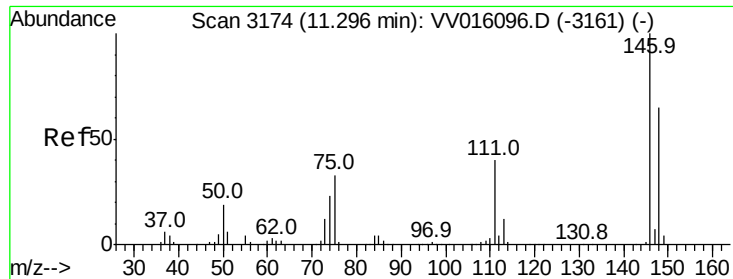
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#62
1,3-Dichlorobenzene
Concen: 2.267 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV016104.D
Acq: 18 May 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	29.1	54.1
148	65.1	44.5	82.7





#63

1,4-Dichlorobenzene

Concen: 23.225 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016104.D

Acq: 18 May 2020 16:14

Instrument :

MSVOA_V

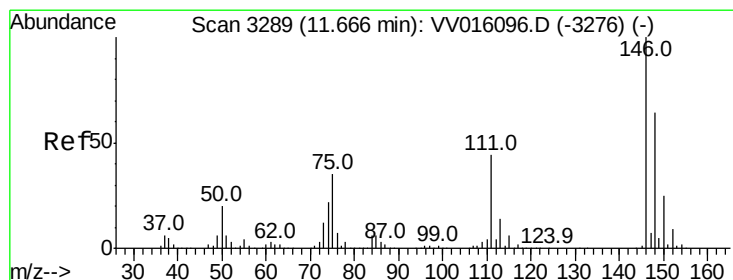
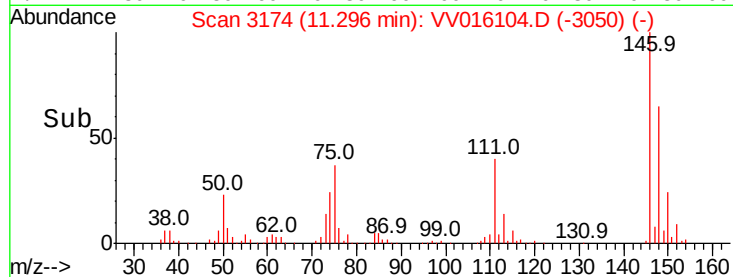
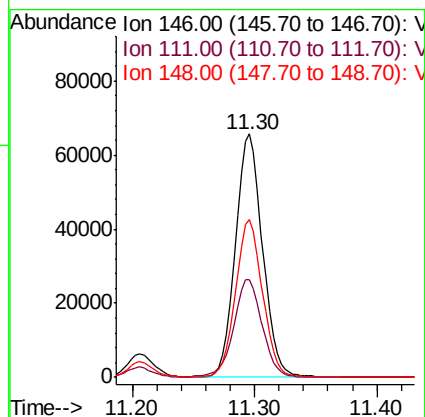
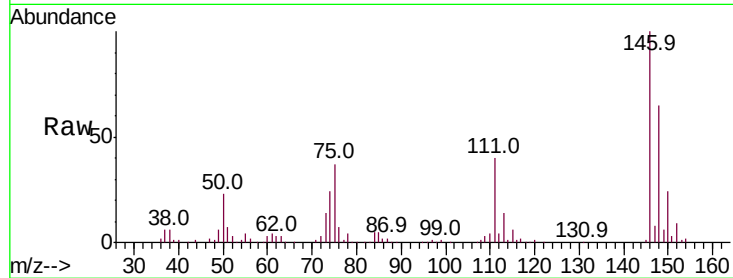
ClientSampled :

C0F23

Tot Ion:	146	Resp:	101430
Ion Ratio	Lower	Upper	
146	100		
111	40.1	28.1	52.3
148	64.7	45.7	84.9

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#65

1,2-Dichlorobenzene

Concen: 98.560 ug/L

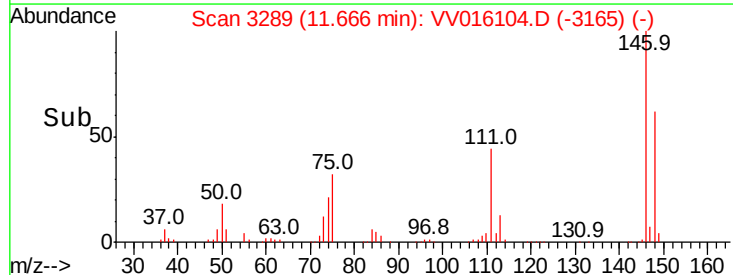
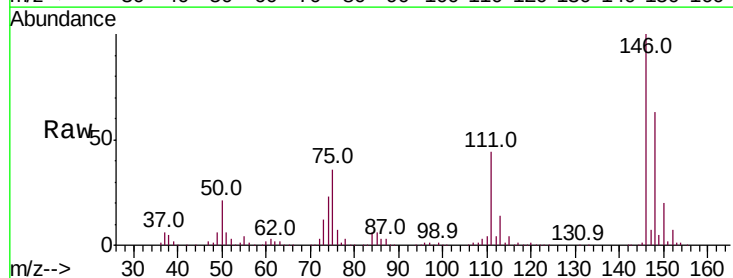
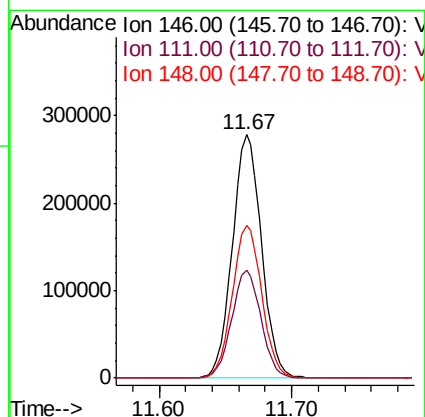
RT: 11.67 min Scan# 3289

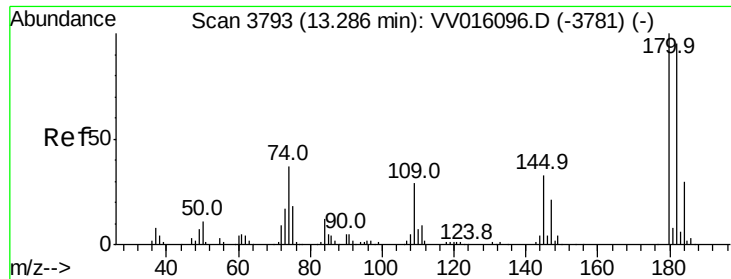
Delta R.T. -0.00 min

Lab File: VV016104.D

Acq: 18 May 2020 16:14

Tgt Ion:	146	Resp:	424920
Ion Ratio	Lower	Upper	
146	100		
111	44.2	35.2	52.8
148	62.6	51.4	77.2





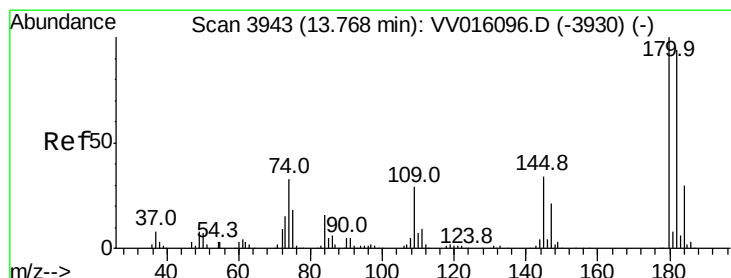
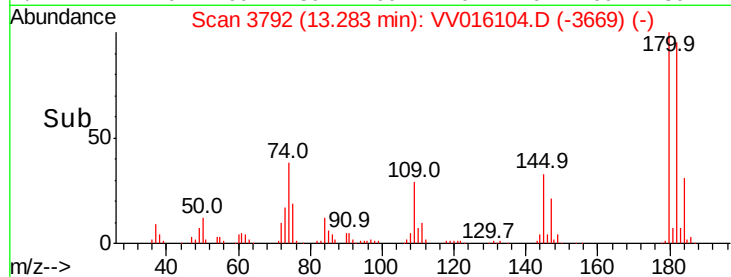
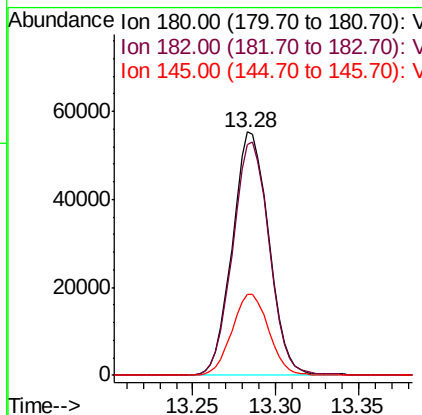
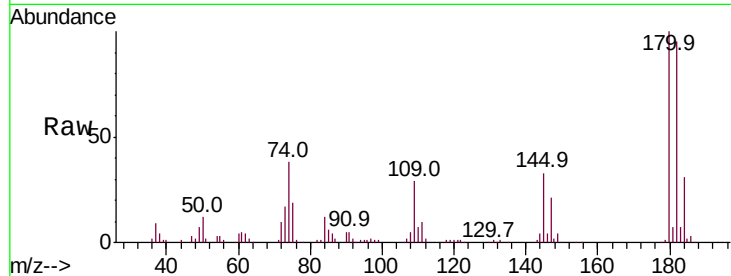
#68
 1,2,4-trichlorobenzene
 Concen: 32.061 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV016104.D
 Acq: 18 May 2020 16:14

Instrument :
 MSVOA_V
 ClientSampled :
 C0F23

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.4
145	33.5	26.2	39.2

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#70
 1,2,3-Trichlorobenzene
 Concen: 26.717 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV016104.D
 Acq: 18 May 2020 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.3	112.9
145	34.1	27.4	41.0

