

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015383.D
 Acq On : 02 Apr 2020 18:51
 Operator : SY/MD
 Sample : L2003-02RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK3RE

Manual Integrations
 APPROVED

sam
 4/3/2020 5:50:09 PM

Quant Time: Apr 03 05:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	686627	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	655305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	308905	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	210978	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.54%
7) Chloroethane-d5	1.58	69	192867	36.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.34%
11) 1,1-Dichloroethene-d2	2.12	63	328146m	29.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.64%#
21) 2-Butanone-d5	3.94	46	276921	84.63	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.63%
24) Chloroform-d	4.38	84	408533	40.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.38%
26) 1,2-Dichloroethane-d4	5.06	65	270302	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
32) Benzene-d6	5.08	84	842129	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.46%
36) 1,2-Dichloropropane-d6	6.09	67	253615	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.24%
41) Toluene-d8	7.34	98	814105	42.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.38%
43) trans-1,3-Dichloropropene-	7.64	79	129457	39.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.76%
47) 2-Hexanone-d5	8.12	63	234550	86.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	369577	43.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	310112	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	12763m	5.942	ug/L	
51) Chlorobenzene	8.90	112	81445	5.765	ug/L	97
62) 1,3-Dichlorobenzene	11.21	146	21235	2.042	ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	83485	7.915	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	710593	66.993	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	160891	25.557	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	137871	21.261	ug/L	100

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

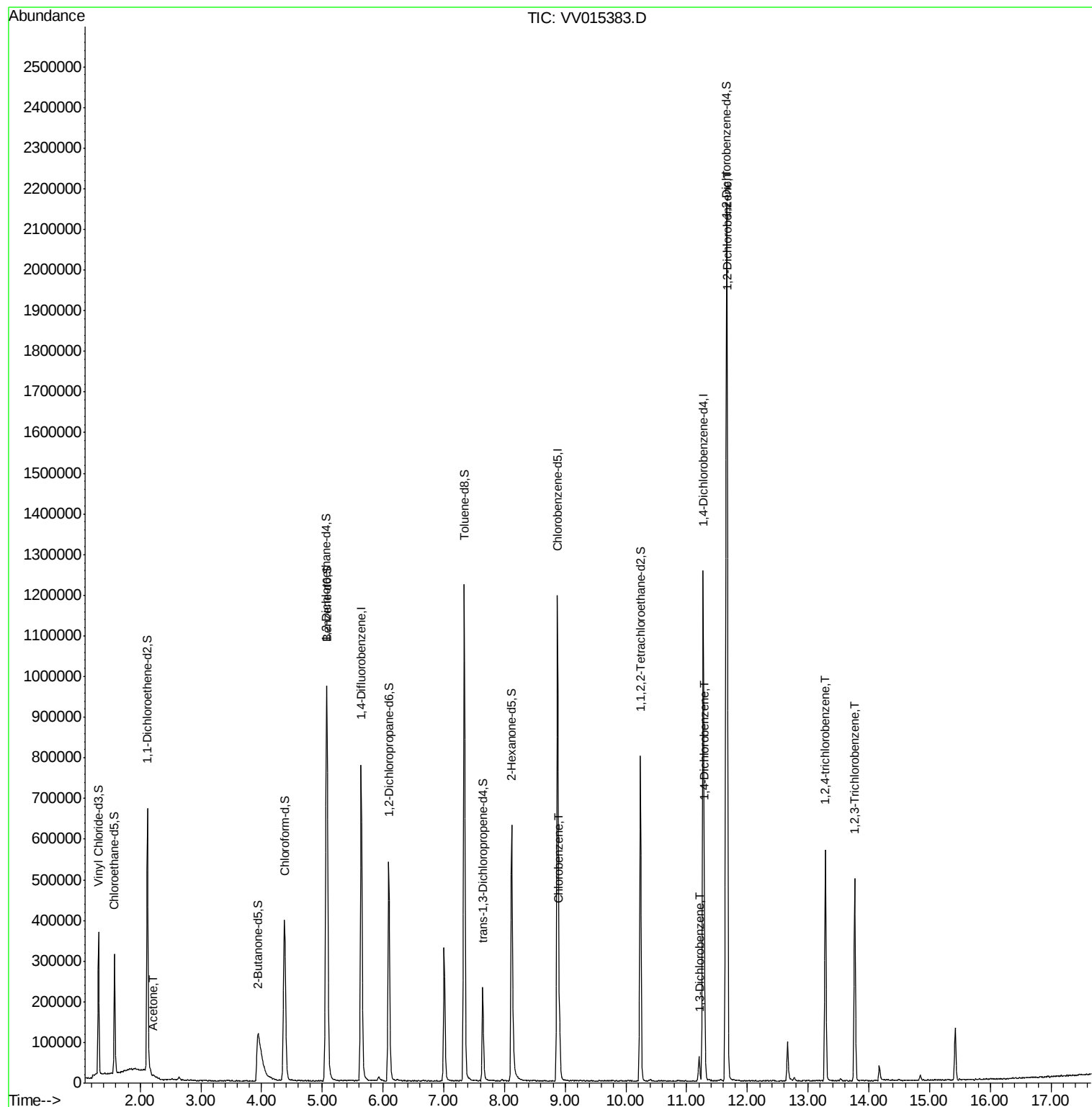
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040220\
Data File : VV015383.D
Acq On : 02 Apr 2020 18:51
Operator : SY/MD
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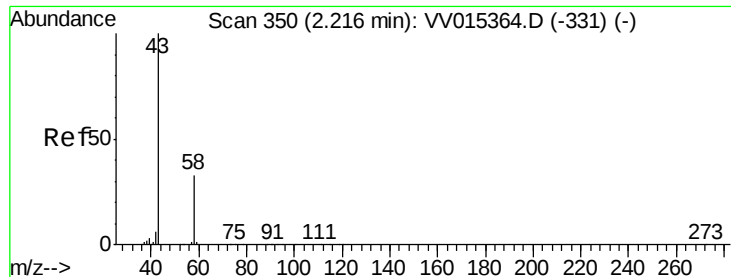
Instrument :
MSVOA_V
ClientSampleId :
C0EK3RE

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Quant Time: Apr 03 05:05:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 03 01:25:45 2020
Response via : Initial Calibration





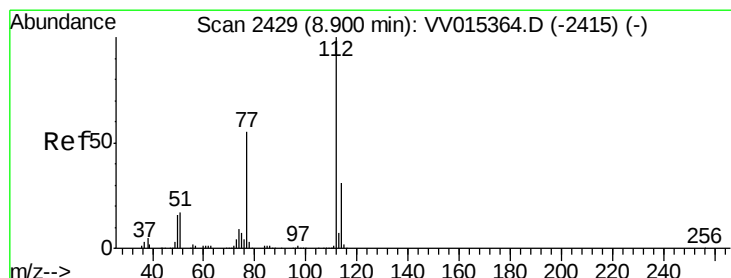
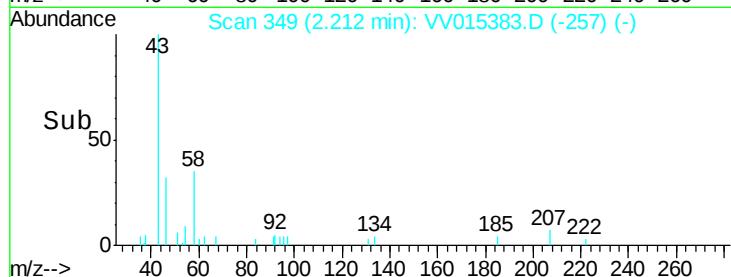
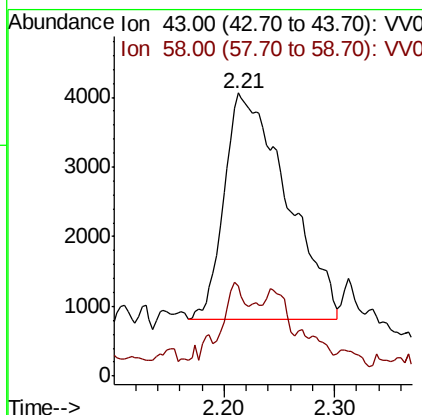
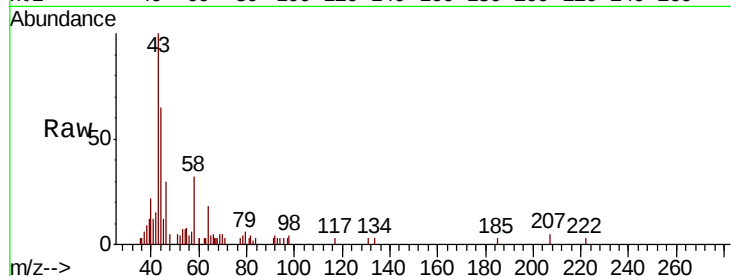
#13
Acetone
Concen: 5.942 ug/L m
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV015383.D
Acq: 02 Apr 2020 18:51

Instrument :
MSVOA_V
ClientSampleId :
C0EK3RE

Tot Ion	Ratio	Lower	Upper
43	100		
58	8.5	0.0	68.2

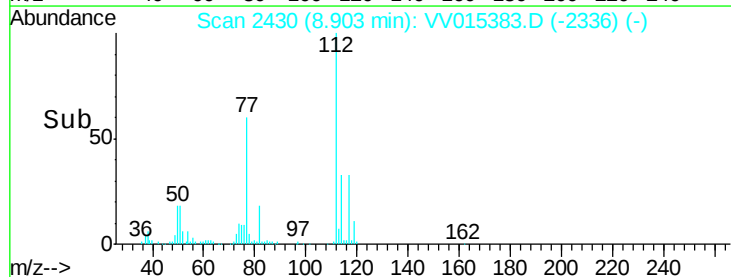
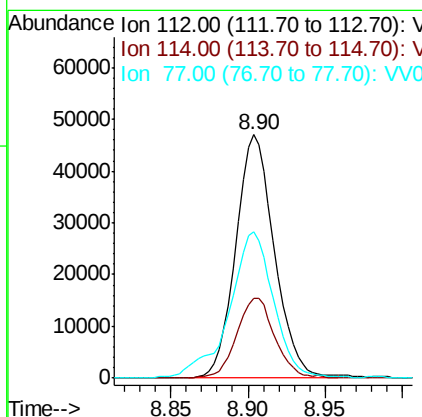
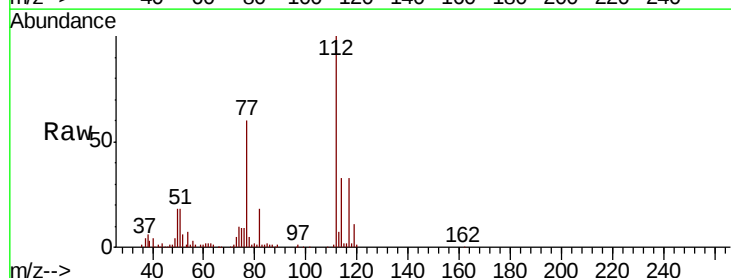
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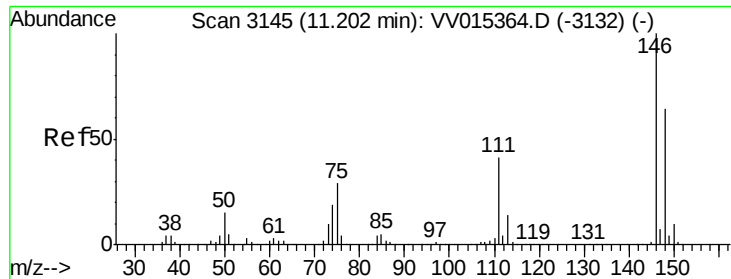
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#51
Chlorobenzene
Concen: 5.765 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015383.D
Acq: 02 Apr 2020 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.8	40.4
77	60.0	46.2	69.2





#62

1,3-Dichlorobenzene

Concen: 2.042 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015383.D

Acq: 02 Apr 2020 18:51

Instrument :

MSVOA_V

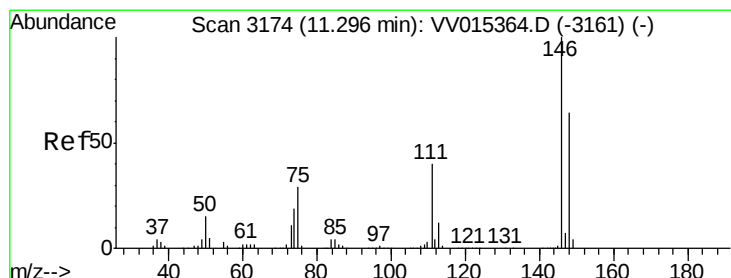
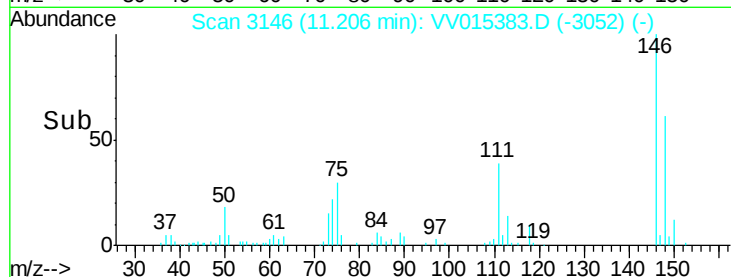
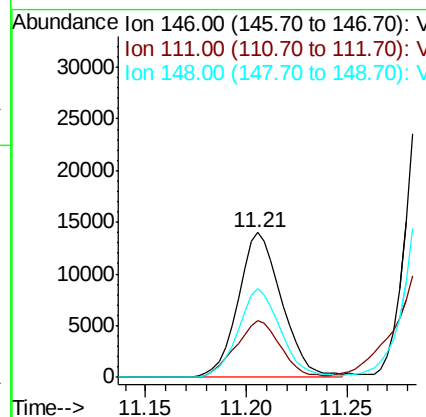
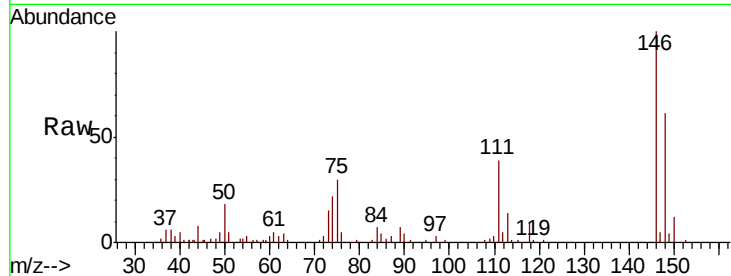
ClientSampleId :

C0EK3RE

Tot Ion:	146	Resp:	21235
Ion Ratio	Lower	Upper	
146	100		
111	39.5	30.2	56.2
148	60.8	44.7	83.1

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#63

1,4-Dichlorobenzene

Concen: 7.915 ug/L

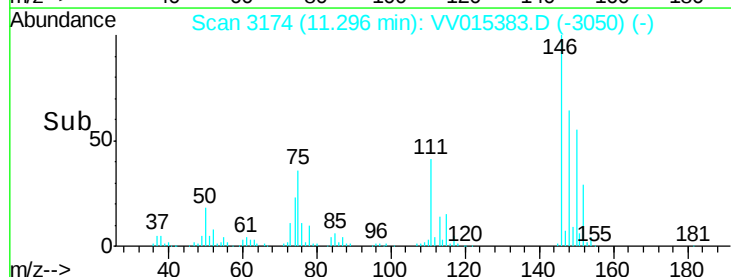
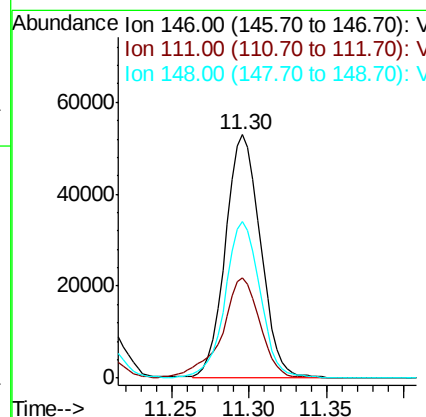
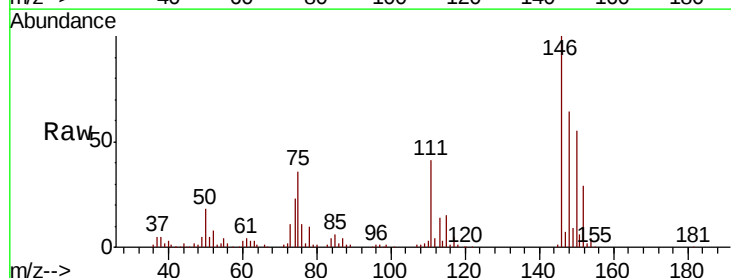
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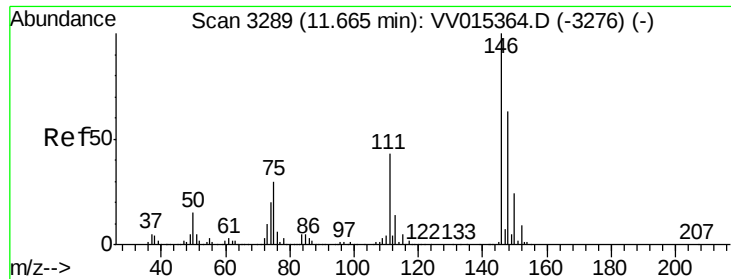
Delta R.T. 0.00 min

Lab File: VV015383.D

Acq: 02 Apr 2020 18:51

Tgt Ion:	146	Resp:	83485
Ion Ratio	Lower	Upper	
146	100		
111	41.3	29.3	54.5
148	64.4	44.7	82.9





#65

1,2-Dichlorobenzene

Concen: 66.993 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015383.D

Acq: 02 Apr 2020 18:51

Instrument :

MSVOA_V

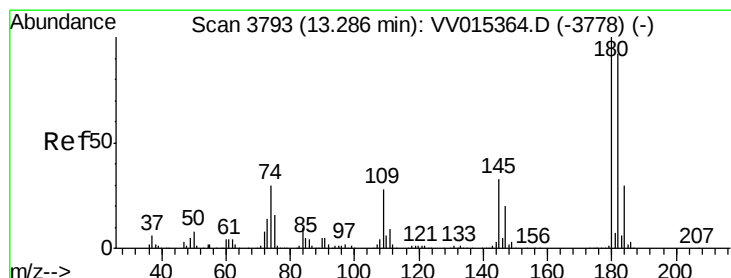
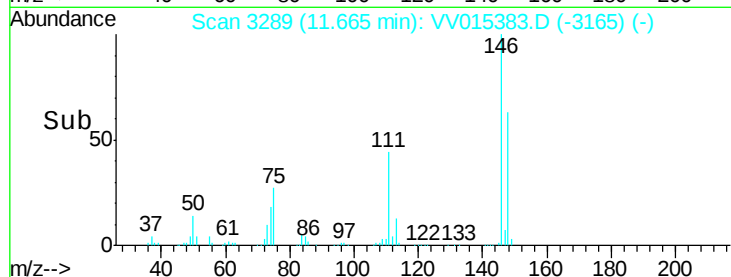
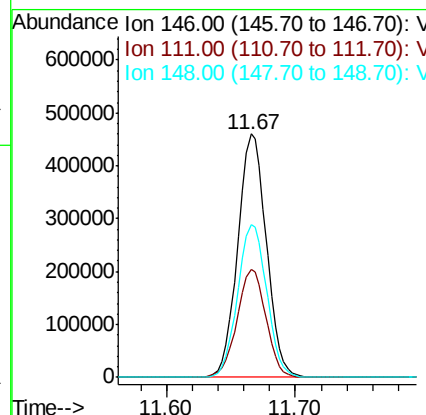
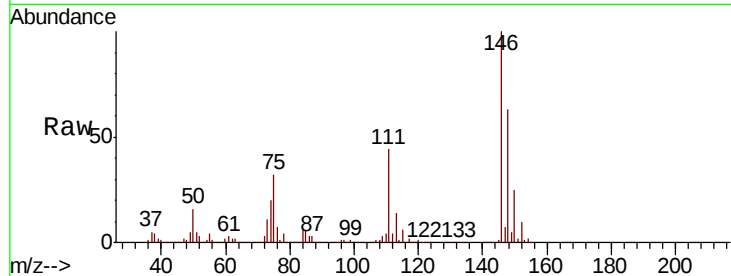
ClientSampleId :

C0EK3RE

Tot Ion:	146	Resp:	710593
Ion Ratio	Lower	Upper	
146	100		
111	44.3	35.1	52.7
148	62.9	51.0	76.4

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#68

1,2,4-trichlorobenzene

Concen: 25.557 ug/L

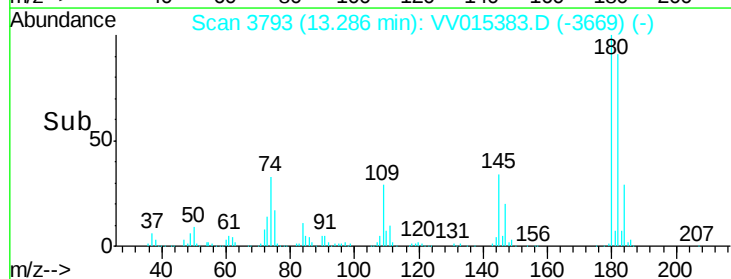
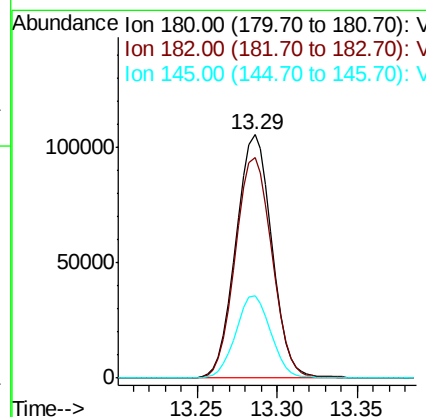
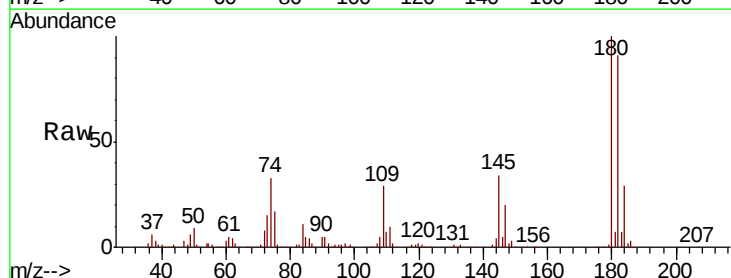
RT: 13.29 min Scan# 3793

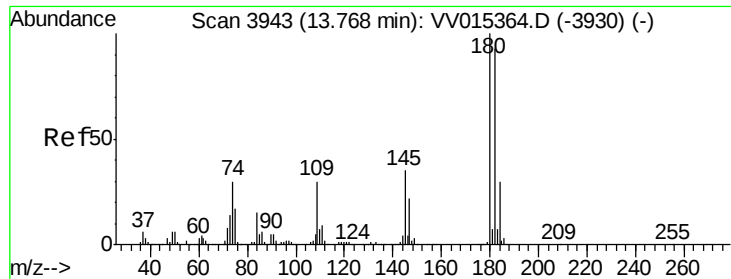
Delta R.T. 0.00 min

Lab File: VV015383.D

Acq: 02 Apr 2020 18:51

Tgt Ion:	180	Resp:	160891
Ion Ratio	Lower	Upper	
180	100		
182	92.9	75.8	113.8
145	33.1	27.7	41.5





#70
 1,2,3-Trichlorobenzene
 Concen: 21.261 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015383.D
 Acq: 02 Apr 2020 18:51

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK3RE

Tot Ion:	180	Resp:	137871
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.1	114.1
145	35.5	28.2	42.4

Manual Integrations
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