

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014783.D
 Acq On : 09 Mar 2020 17:49
 Operator : SY/MD
 Sample : L1835-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ6

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:35 AM

Quant Time: Mar 10 16:54:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	432401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	415688	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	203867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119203	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.58	69	98349	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.02%
11) 1,1-Dichloroethene-d2	2.12	63	151583	31.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.34%
21) 2-Butanone-d5	3.94	46	200107	91.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.69%
24) Chloroform-d	4.38	84	254728	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.06	65	171256	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
32) Benzene-d6	5.08	84	519311	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
36) 1,2-Dichloropropane-d6	6.10	67	165411	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.94%
41) Toluene-d8	7.34	98	493846	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.64	79	77292	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.12	63	159942	99.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	223409	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	199598	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	4673m	2.565	ug/L	
51) Chlorobenzene	8.90	112	11227	1.313	ug/L	95
62) 1,3-Dichlorobenzene	11.20	146	3706	0.562	ug/L	93
63) 1,4-Dichlorobenzene	11.29	146	16024	2.413	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	12396	1.889	ug/L	93
68) 1,2,4-trichlorobenzene	13.28	180	4856	1.036	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.77	180	1937	0.415	ug/L #	87

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

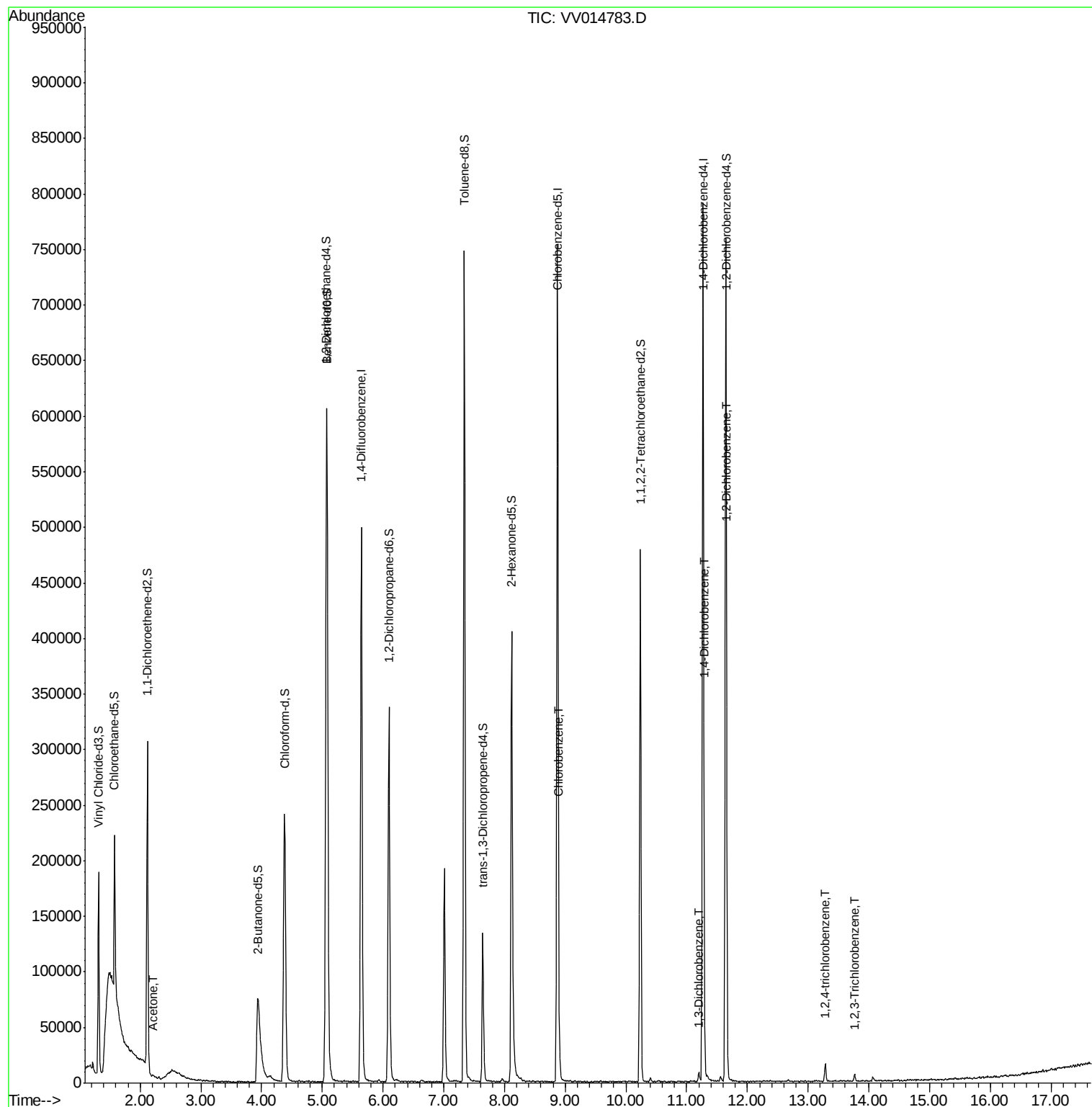
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014783.D
Acq On : 09 Mar 2020 17:49
Operator : SY/MD
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ALS Vial : 19 Sample Multiplier: 1

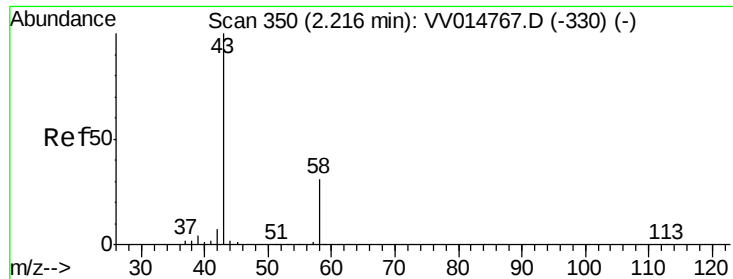
Instrument :
MSVOA_V
ClientSampleId :
C0DJ6

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.565 ug/L m

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

C0DJ6

Tot Ion: 43 Resp: 4673

Ion Ratio Lower Upper

43 100

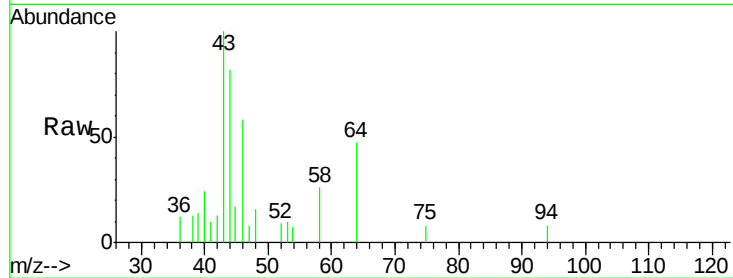
58 2.8 0.0 62.2

Manual Integrations

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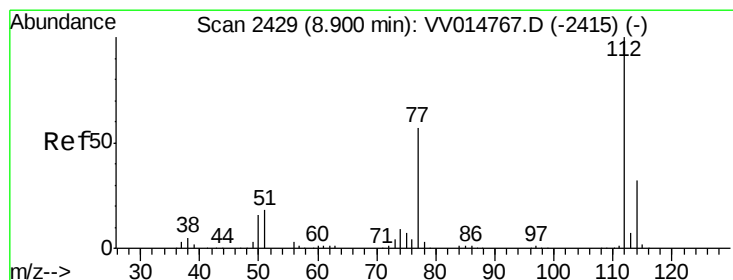
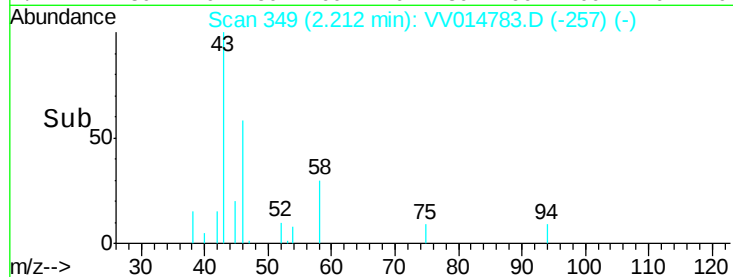
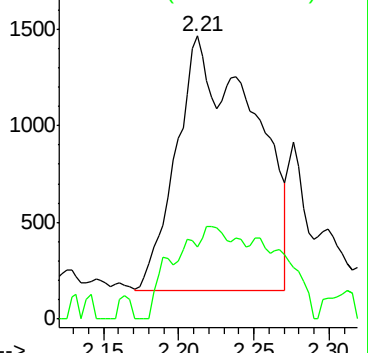
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Abundance Ion 43.00 (42.70 to 43.70): VV014767.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV014767.D (-330) (-)



#51

Chlorobenzene

Concen: 1.313 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

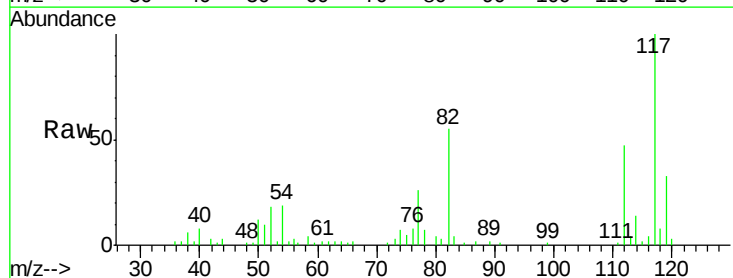
Tgt Ion: 112 Resp: 11227

Ion Ratio Lower Upper

112 100

114 30.4 22.1 41.1

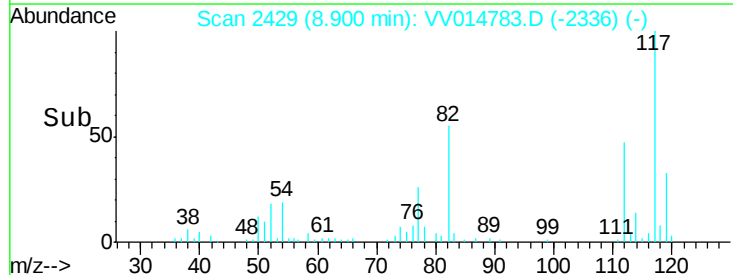
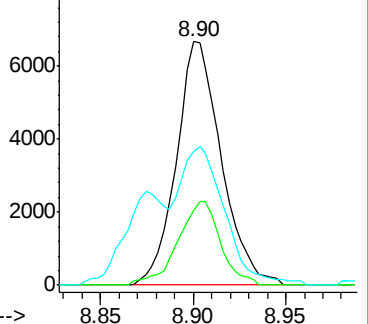
77 54.9 47.8 71.8

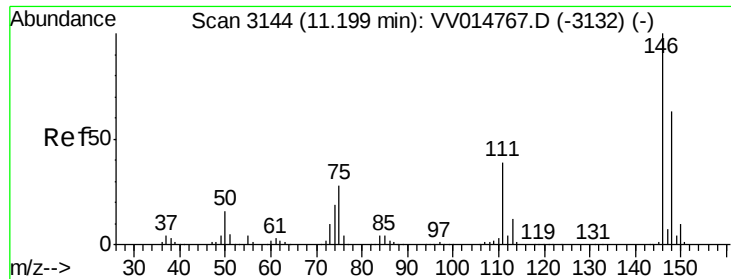


Abundance Ion 112.00 (111.70 to 112.70): VV014767.D (-2415) (-)

Ion 114.00 (113.70 to 114.70): VV014767.D (-2415) (-)

Ion 77.00 (76.70 to 77.70): VV014767.D (-2415) (-)





#62

1,3-Dichlorobenzene

Concen: 0.562 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Instrument :

MSVOA_V

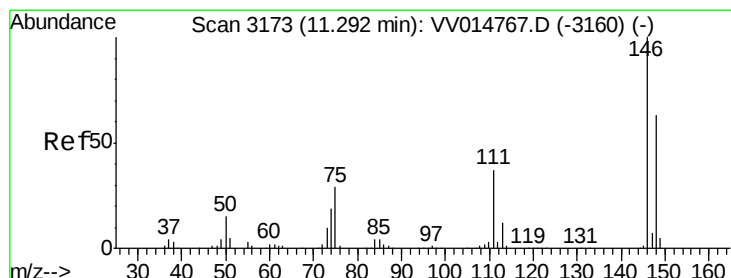
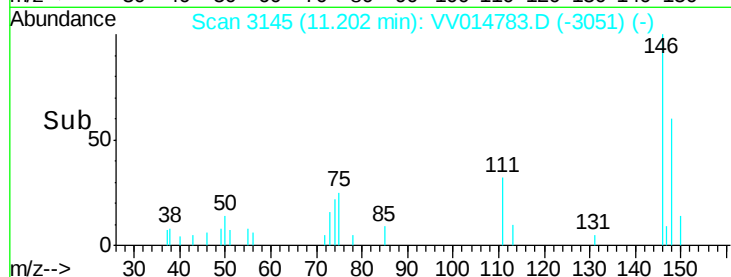
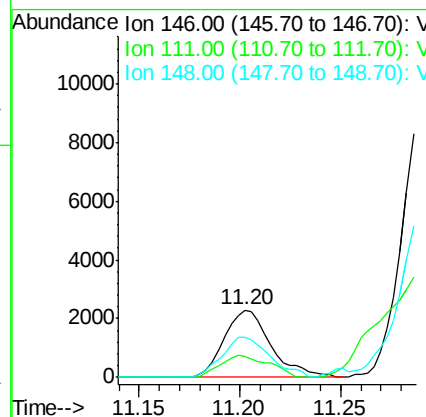
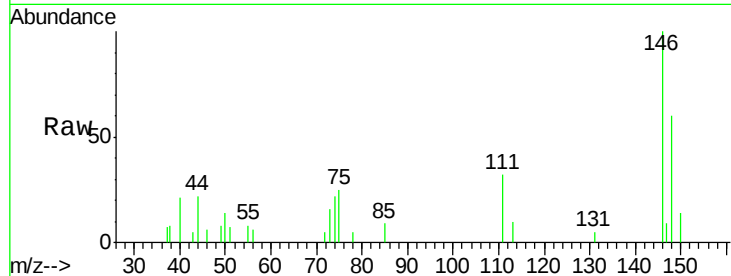
ClientSampled :

C0DJ6

Tot Ion	Ratio	Lower	Upper
146	100		
111	31.7	27.2	50.4
148	60.5	44.2	82.2

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#63

1,4-Dichlorobenzene

Concen: 2.413 ug/L

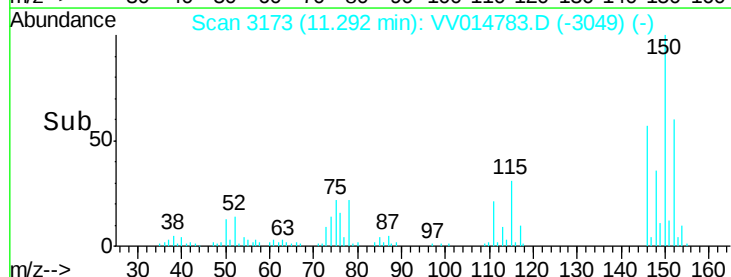
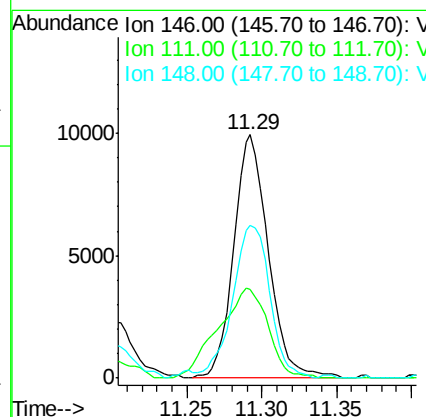
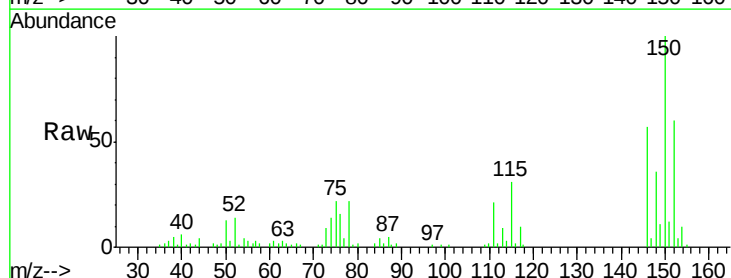
RT: 11.29 min Scan# 3173

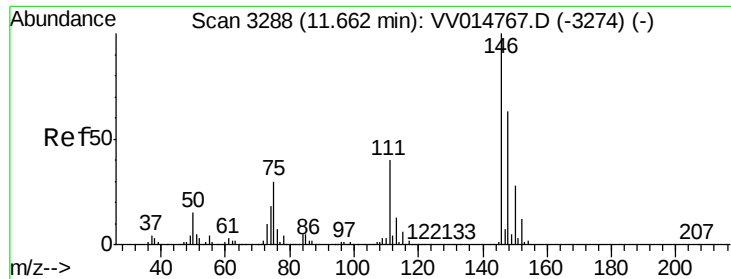
Delta R.T. 0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	26.3	48.9
148	62.9	44.0	81.8





#65

1,2-Dichlorobenzene

Concen: 1.889 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Instrument :

MSVOA_V

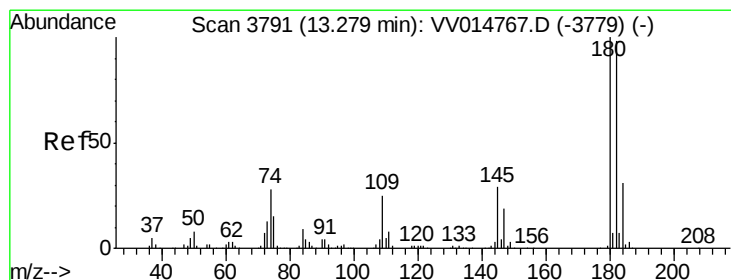
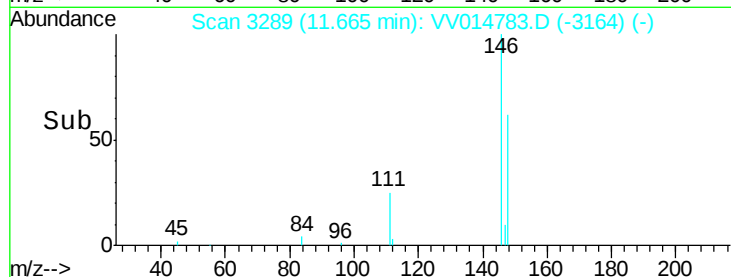
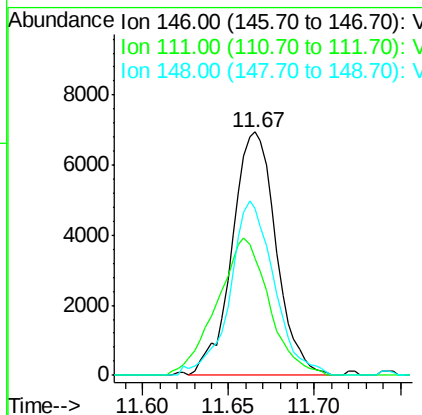
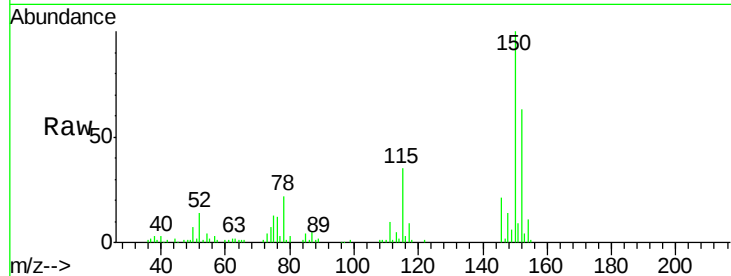
ClientSampleId :

C0DJ6

Tot Ion:	146	Resp:	12396
Ion Ratio	Lower	Upper	
146	100		
111	47.9	33.9	50.9
148	68.6	51.4	77.0

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#68

1,2,4-trichlorobenzene

Concen: 1.036 ug/L

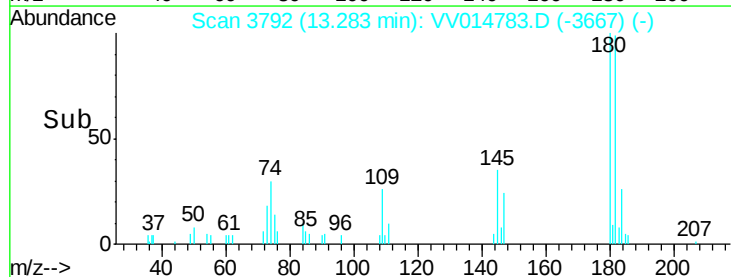
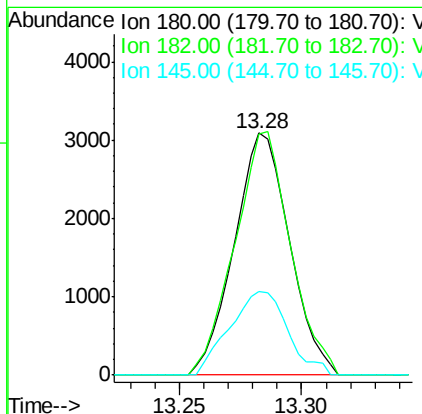
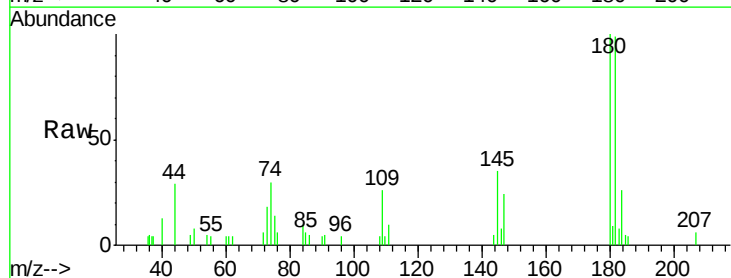
RT: 13.28 min Scan# 3792

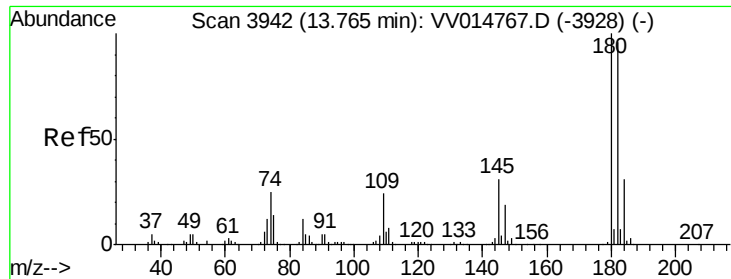
Delta R.T. 0.00 min

Lab File: VV014783.D

Acq: 09 Mar 2020 17:49

Tgt Ion:	180	Resp:	4856
Ion Ratio	Lower	Upper	
180	100		
182	100.9	76.6	114.8
145	35.8	23.4	35.0#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.415 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV014783.D
 Acq: 09 Mar 2020 17:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ6

Tot Ion	Ratio	Lower	Upper
180	100		
182	107.0	76.5	114.7
145	40.6	25.0	37.4

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