

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017150.D
 Acq On : 26 Jun 2020 01:11
 Operator : SY/MD
 Sample : L3106-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP0

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 2:07:16 PM

Quant Time: Jun 26 06:15:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163150	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161157	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47843	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.58	69	39682	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.13	63	69593	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.94	46	117532	47.10	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	4.38	84	105358	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.06	65	57133	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.07	84	194382	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.10	67	56417	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	164291	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
45) trans-1,3-Dichloropropene-	7.64	79	20880	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
48) 2-Hexanone-d5	8.11	63	82072	41.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39388	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	69999	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	3289	0.307	ug/L	# 71
13) Acetone	2.21	43	6439m	5.104	ug/L	
19) 1,1-Dichloroethane	3.21	63	68204	3.658	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	4614	0.407	ug/L	94
25) Chloroform	4.40	83	7451	0.366	ug/L	93
29) 1,1,1-Trichloroethane	4.63	97	123127	6.377	ug/L	98
30) Cyclohexane	4.71	56	5415	0.295	ug/L	98
53) Chlorobenzene	8.91	112	8842	0.289	ug/L	98
54) Ethylbenzene	9.03	91	25761	0.492	ug/L	99
58) Isopropylbenzene	9.96	105	9593	0.182	ug/L	93
63) 1,3-Dichlorobenzene	11.20	146	6568	0.279	ug/L	90
64) 1,4-Dichlorobenzene	11.30	146	15072	0.630	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	4957	0.232	ug/L	97

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

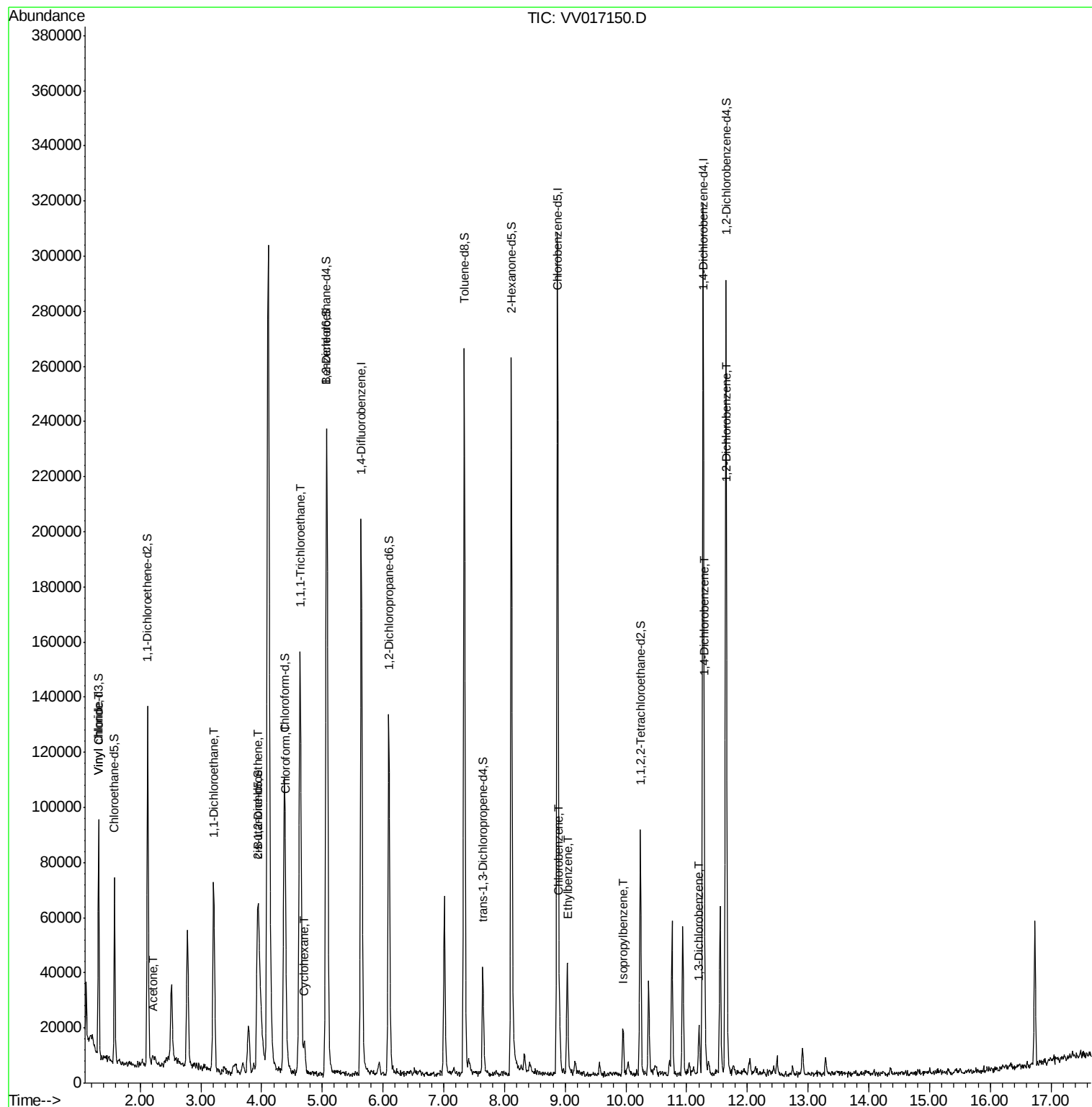
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
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ALS Vial : 35 Sample Multiplier: 1

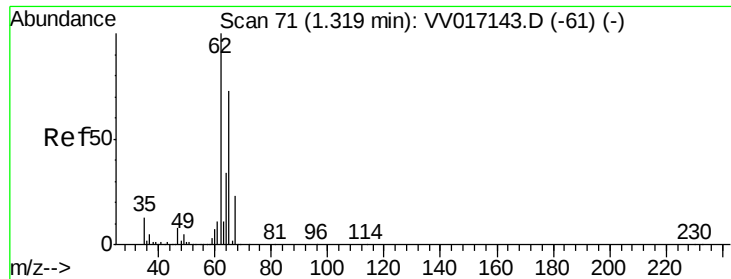
Instrument :
MSVOA_V
ClientSampleId :
BFXP0

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Quant Time: Jun 26 06:15:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.307 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

Instrument :

MSVOA_V

ClientSampleId :

BFXP0

Tot Ion: 62 Resp: 3289

Ion Ratio Lower Upper

62 100

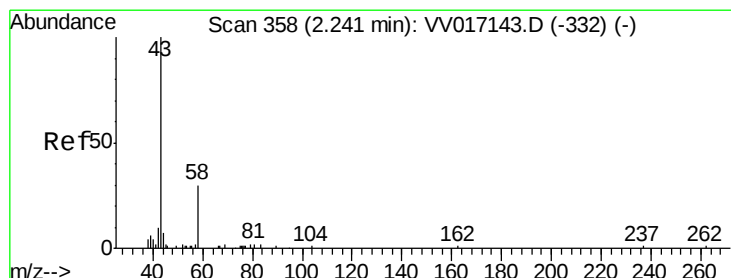
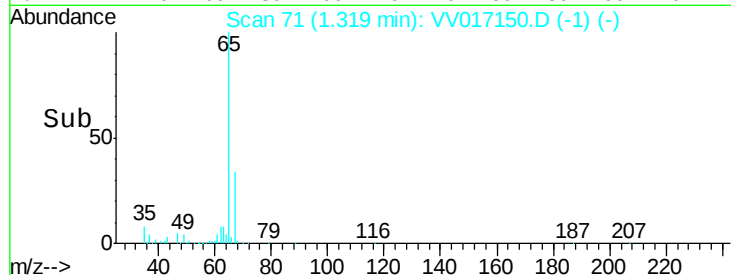
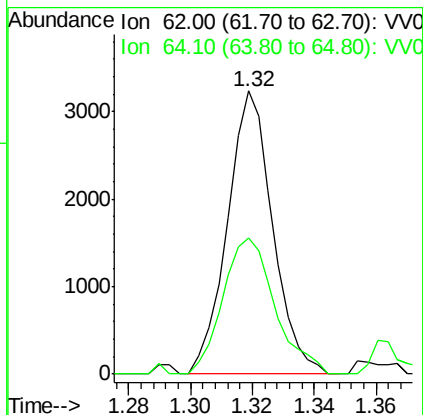
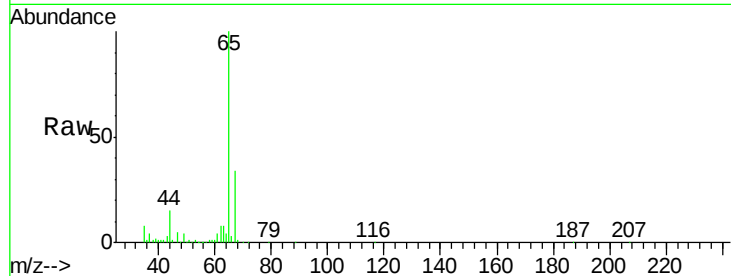
64 48.3 22.5 41.7#

Manual Integrations

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#13

Acetone

Concen: 5.104 ug/L m

RT: 2.21 min Scan# 349

Delta R.T. -0.03 min

Lab File: VV017150.D

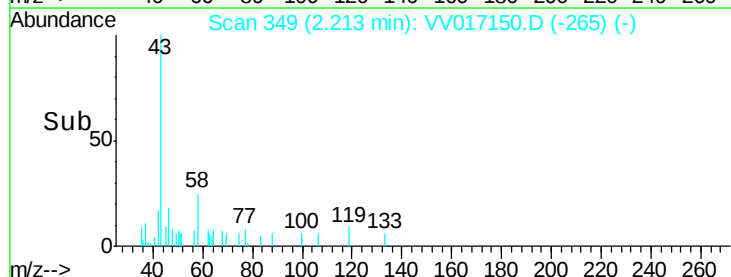
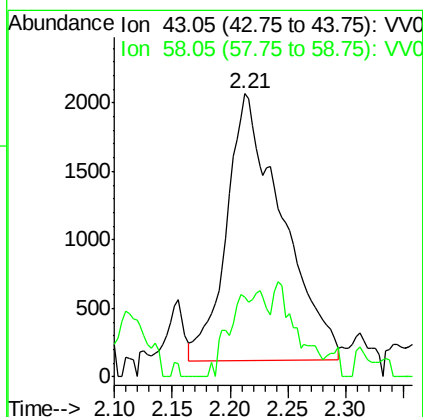
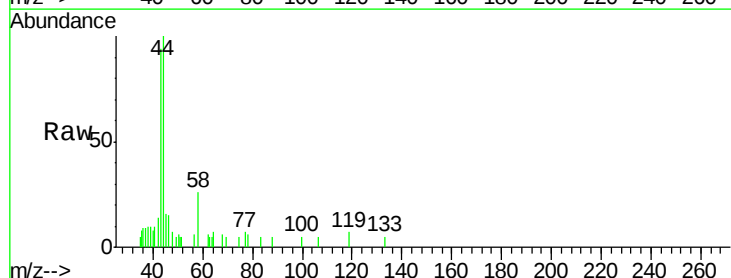
Acq: 26 Jun 2020 01:11

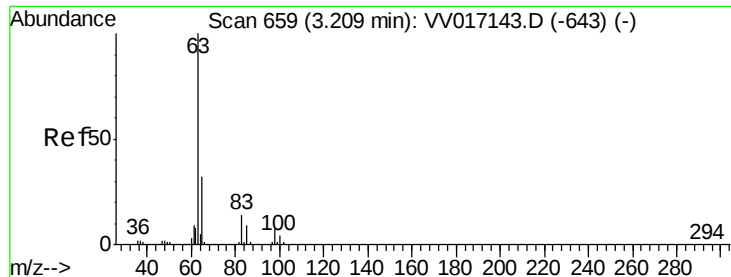
Tgt Ion: 43 Resp: 6439

Ion Ratio Lower Upper

43 100

58 12.0 0.0 58.4





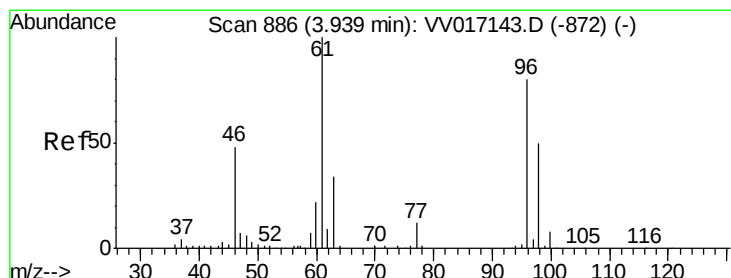
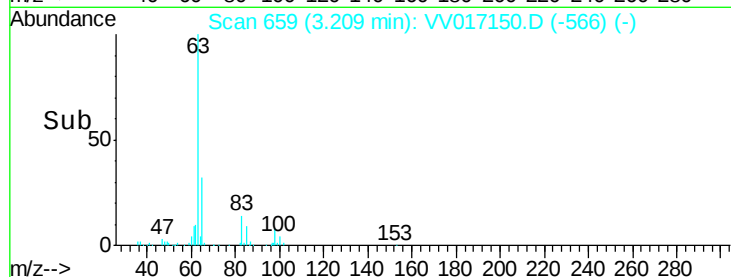
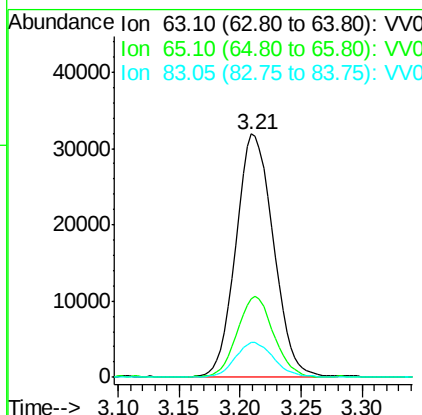
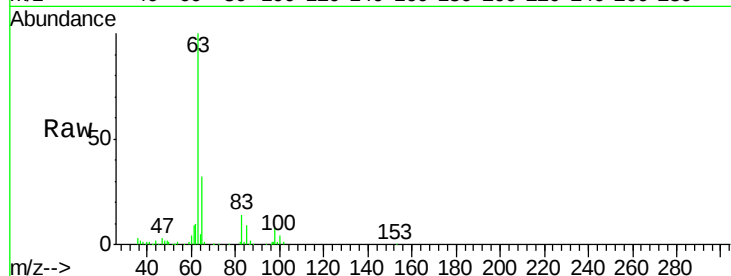
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 1,1-Dichloroethane
 Concen: 3.658 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017150.D
 Acq: 26 Jun 2020 01:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXP0

Tot Ion:	63	Resp:	68204
Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.4
83	14.4	9.7	17.9

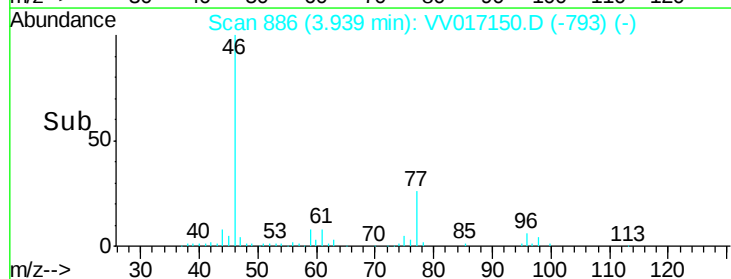
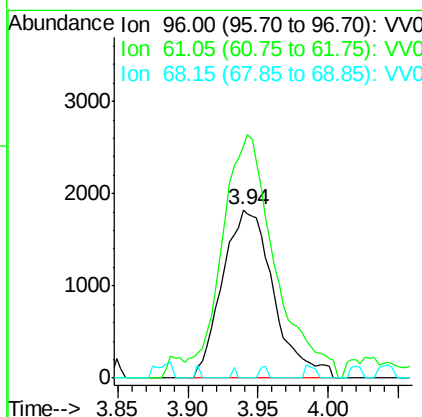
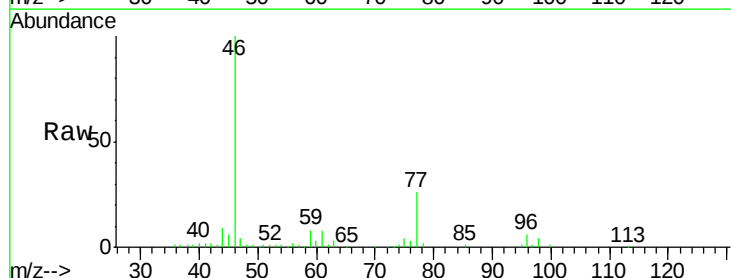
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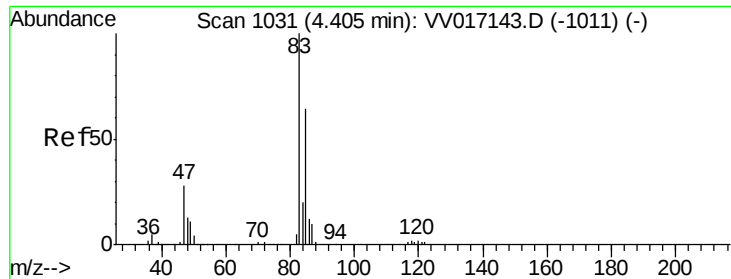
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#22
 cis-1,2-Dichloroethene
 Concen: 0.407 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017150.D
 Acq: 26 Jun 2020 01:11

Tgt Ion:	96	Resp:	4614
Ion	Ratio	Lower	Upper
96	100		
61	137.5	91.0	169.0
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.366 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

Instrument :

MSVOA_V

ClientSampled :

BFXP0

Tot Ion: 83 Resp: 7451

Ion Ratio Lower Upper

83 100

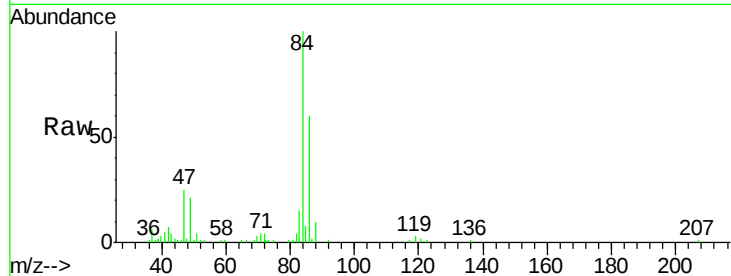
85 57.7 44.2 82.2

Manual Integrations

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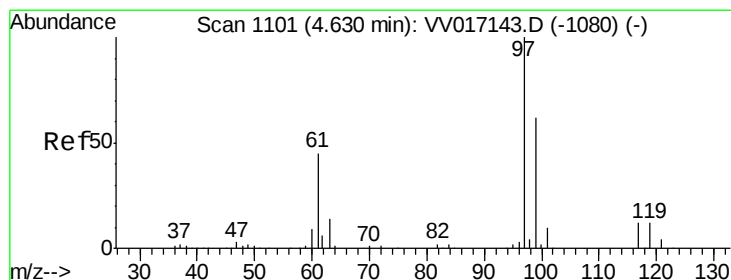
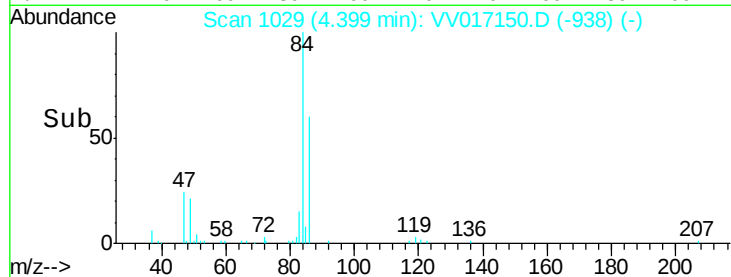
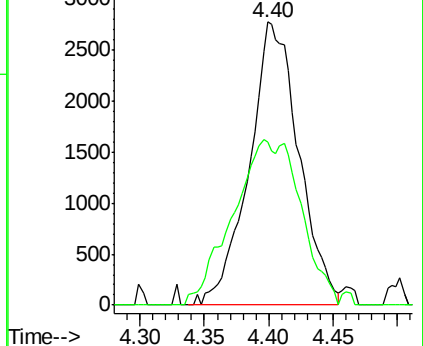
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Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#29

1,1,1-Trichloroethane

Concen: 6.377 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

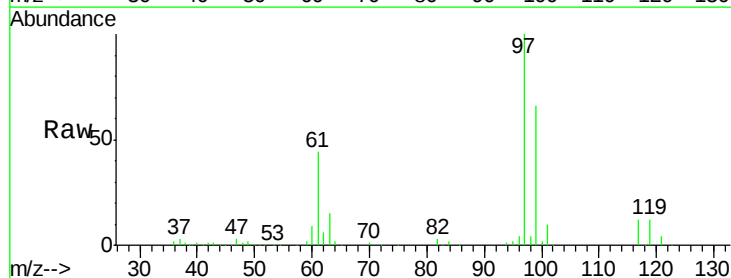
Tgt Ion: 97 Resp: 123127

Ion Ratio Lower Upper

97 100

99 65.2 50.3 75.5

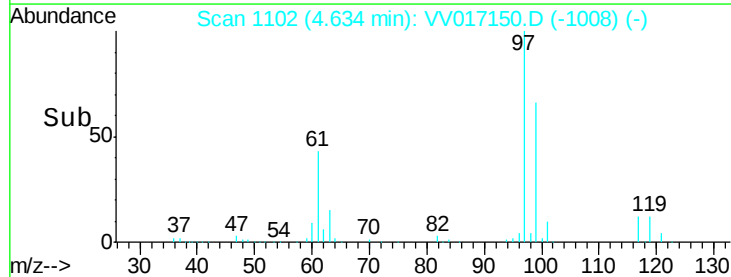
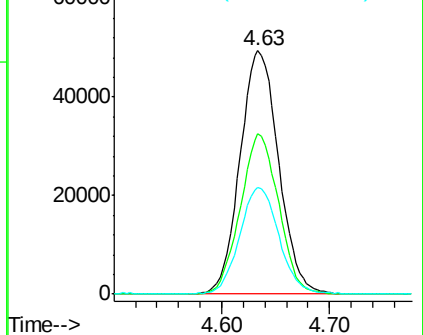
61 44.7 36.0 54.0

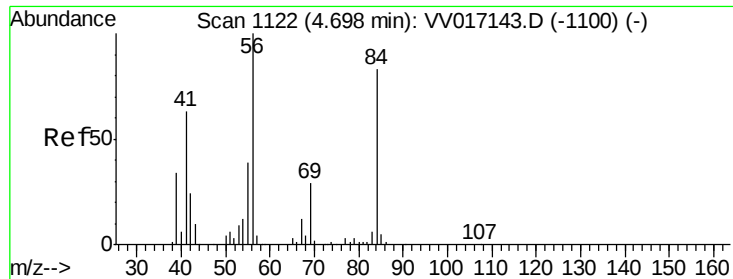


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





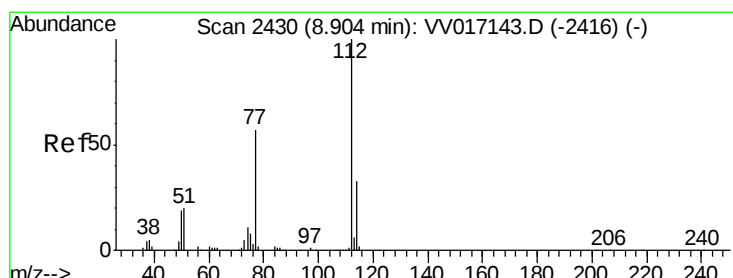
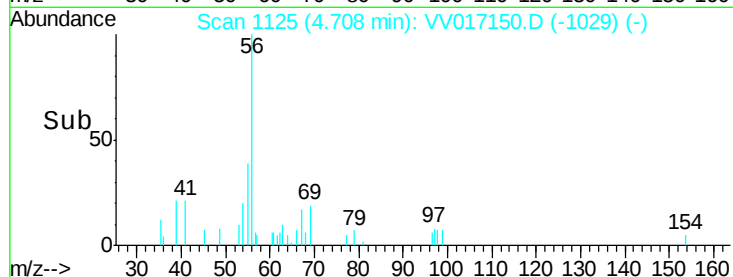
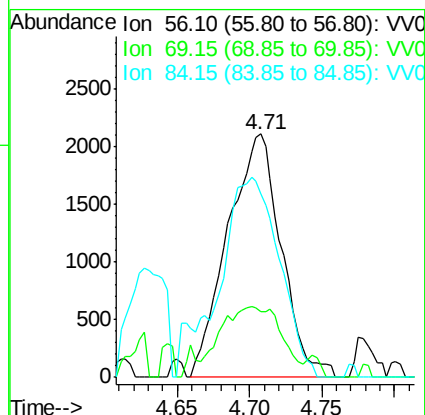
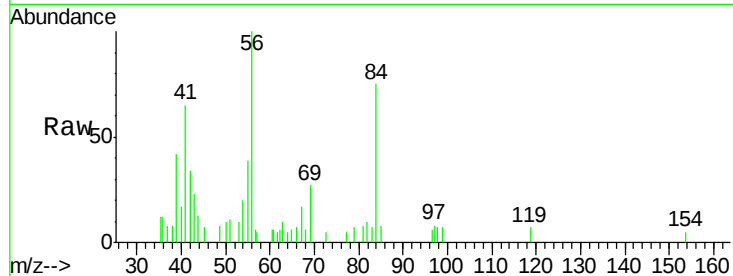
#30
Cyclohexane
Concen: 0.295 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV017150.D
Acq: 26 Jun 2020 01:11

Instrument :
MSVOA_V
ClientSampled :
BFXP0

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.4	36.6
84	86.8	69.9	104.9

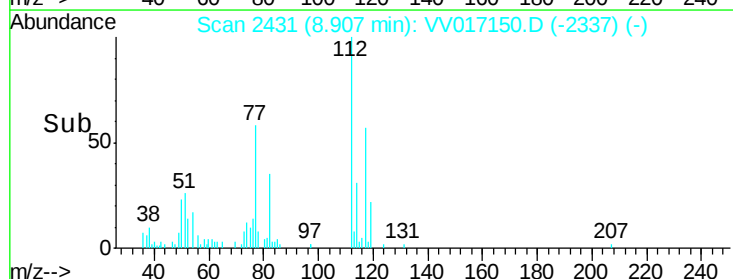
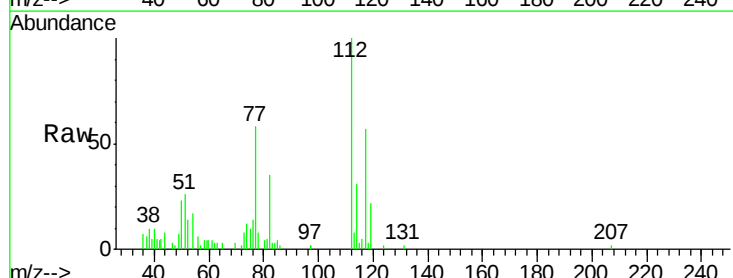
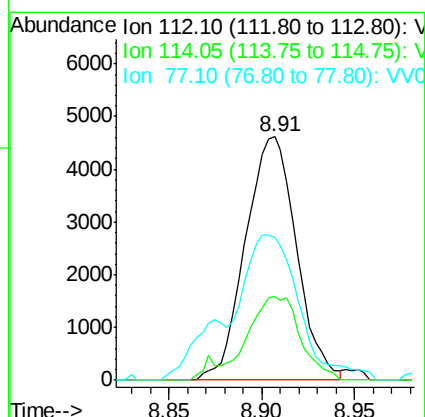
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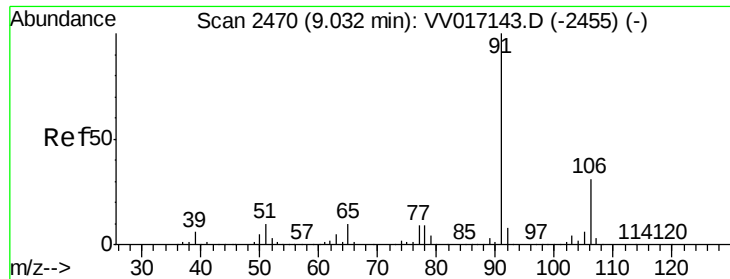
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#53
Chlorobenzene
Concen: 0.289 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV017150.D
Acq: 26 Jun 2020 01:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.1	22.0	41.0
77	58.3	46.0	69.0





#54

Ethylbenzene

Concen: 0.492 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

Instrument :

MSVOA_V

ClientSampled :

BFXP0

Tot Ion: 91 Resp: 25761

Ion Ratio Lower Upper

91 100

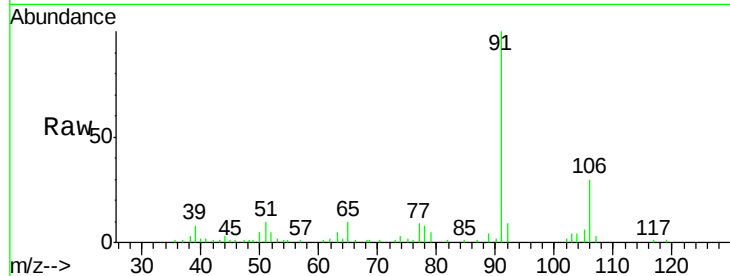
106 29.6 21.1 39.1

Manual Integrations

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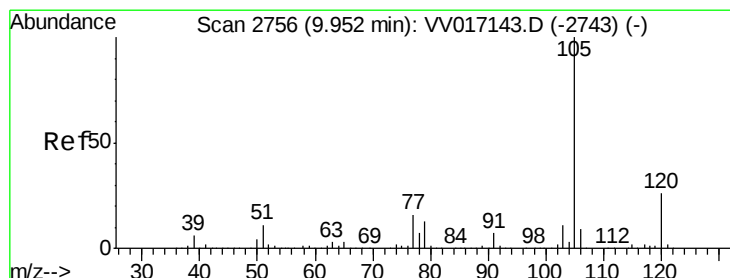
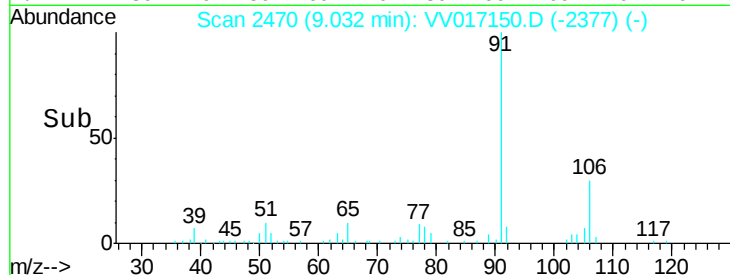
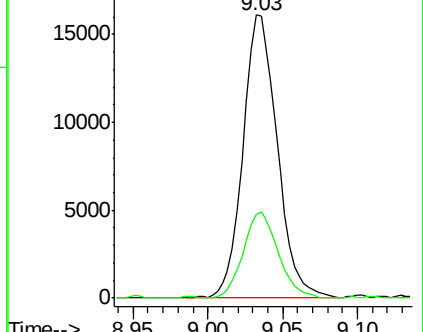
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Abundance Ion 91.15 (90.85 to 91.85): VV017150.D (-2377) (-)

Ion 106.15 (105.85 to 106.85): VV017150.D (-2377) (-)



#58

Isopropylbenzene

Concen: 0.182 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

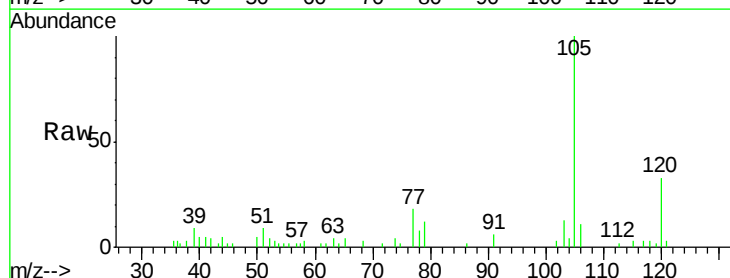
Tgt Ion: 105 Resp: 9593

Ion Ratio Lower Upper

105 100

120 30.0 21.2 31.8

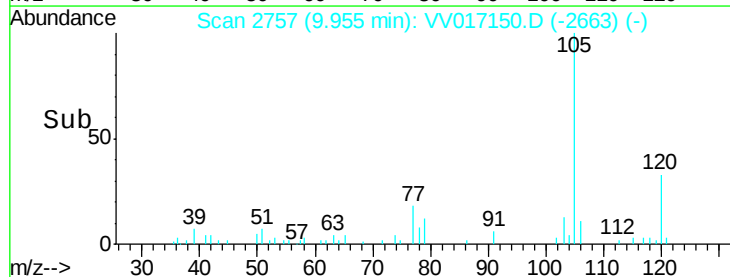
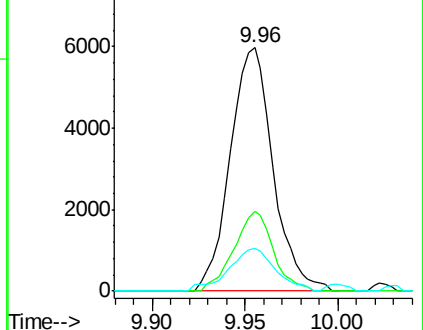
77 19.1 13.0 19.4

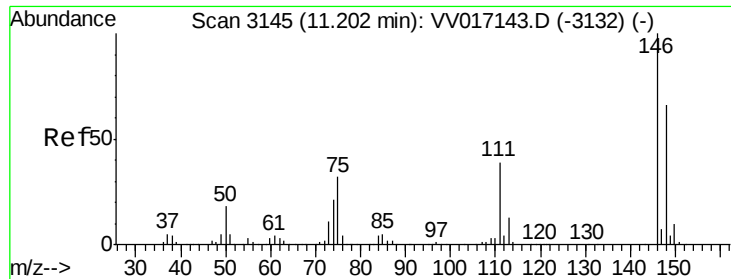


Abundance Ion 105.05 (104.75 to 105.75): VV017150.D (-2663) (-)

Ion 120.10 (119.80 to 120.80): VV017150.D (-2663) (-)

Ion 77.10 (76.80 to 77.80): VV017150.D (-2663) (-)





#63

1,3-Dichlorobenzene

Concen: 0.279 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

Instrument :

MSVOA_V

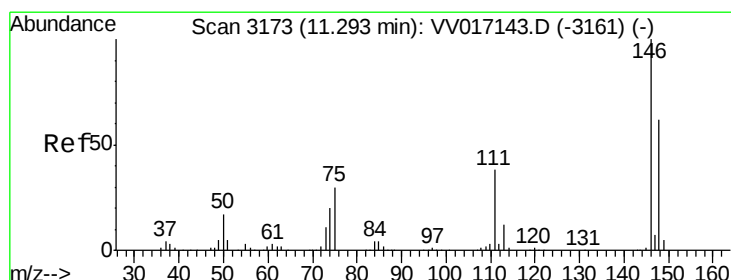
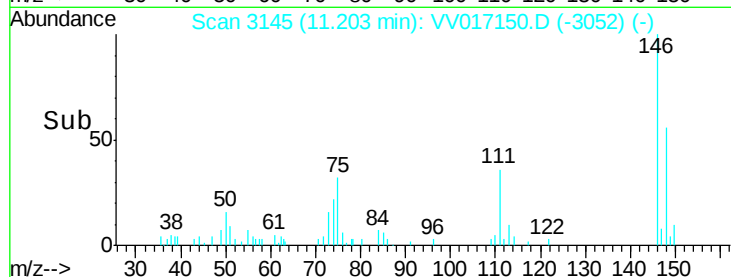
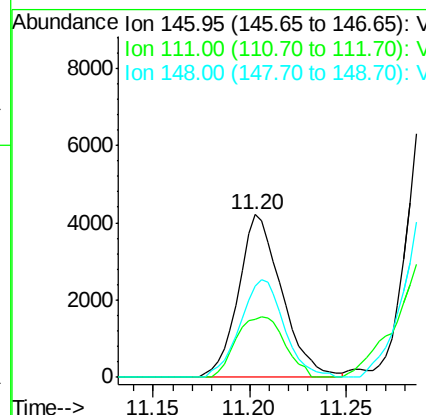
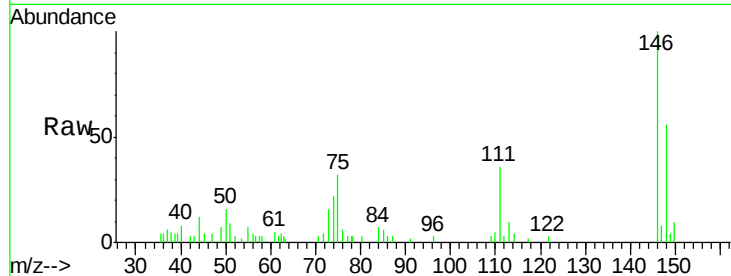
ClientSampled :

BFXP0

Tot Ion:	146	Resp:	6568
Ion	Ratio	Lower	Upper
146	100		
111	36.0	29.2	54.2
148	56.2	44.9	83.5

Manual Integrations
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#64

1,4-Dichlorobenzene

Concen: 0.630 ug/L

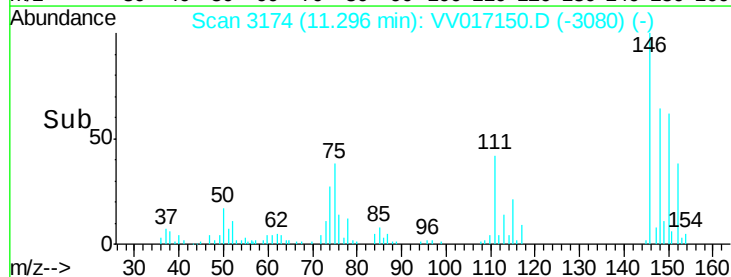
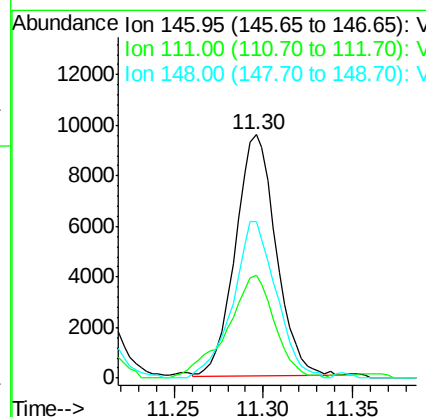
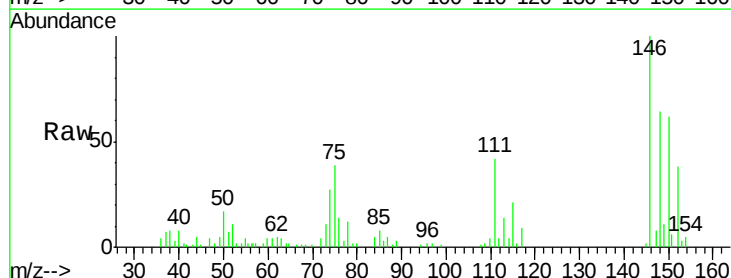
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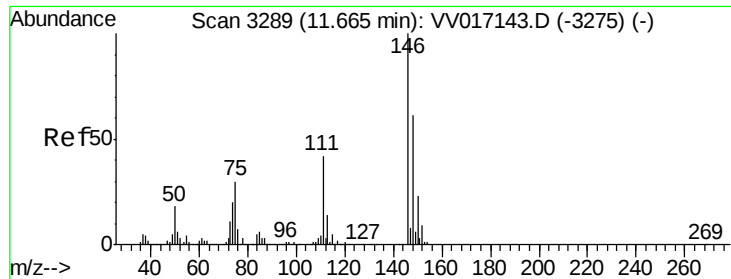
Delta R.T. 0.00 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

Tgt Ion:	146	Resp:	15072
Ion	Ratio	Lower	Upper
146	100		
111	42.2	27.4	50.8
148	64.4	44.3	82.3





#66

1,2-Dichlorobenzene

Concen: 0.232 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017150.D

Acq: 26 Jun 2020 01:11

Instrument :

MSVOA_V

ClientSampleId :

BFXP0

Tot Ion:	146	Resp:	4957
Ion Ratio	Lower	Upper	
146	100		
111	40.6	34.4	51.6
148	64.6	49.9	74.9

Manual Integrations
APPROVED

MMDadoda
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