

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017572.D
 Acq On : 21 Jul 2020 18:32
 Operator : SY/MD
 Sample : L3336-13DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9SDL

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:17:39 PM

Quant Time: Jul 22 05:28:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 03:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	319901	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306086	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162379	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64435	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.02%
7) Chloroethane-d5	1.58	69	47537	35.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.86%
11) 1,1-Dichloroethene-d2	2.12	63	110130	28.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.06%#
21) 2-Butanone-d5	3.91	46	130165	87.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.17%
24) Chloroform-d	4.37	84	177755	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	5.06	65	128573	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
32) Benzene-d6	5.07	84	332057	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
36) 1,2-Dichloropropane-d6	6.09	67	103141	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.08%
41) Toluene-d8	7.34	98	304916	39.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.04%#
43) trans-1,3-Dichloropropene-	7.64	79	52296	36.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.64%
47) 2-Hexanone-d5	8.11	63	97291	86.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147627	42.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	138943	41.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.52%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	4502	1.870 ug/L #	73
20) cis-1,2-Dichloroethene	3.94	96	3985m	1.624 ug/L	
51) Chlorobenzene	8.90	112	38988	5.942 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	193000	35.399 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	349605	62.823 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	31950	5.780 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	6042	1.583 ug/L	99

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

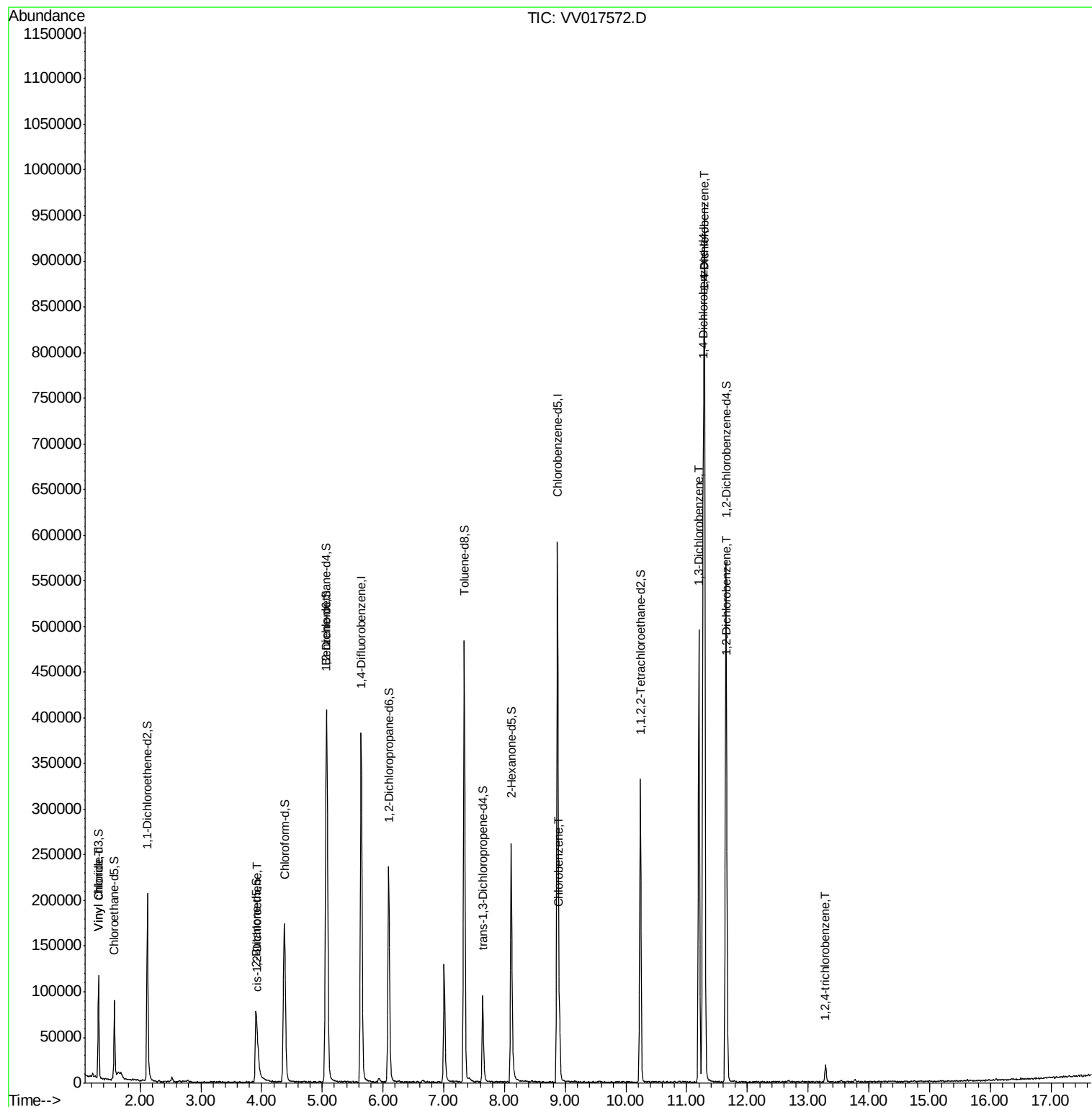
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072120\
Data File : VV017572.D
Acq On : 21 Jul 2020 18:32
Operator : SY/MD
Sample : L3336-13DL 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

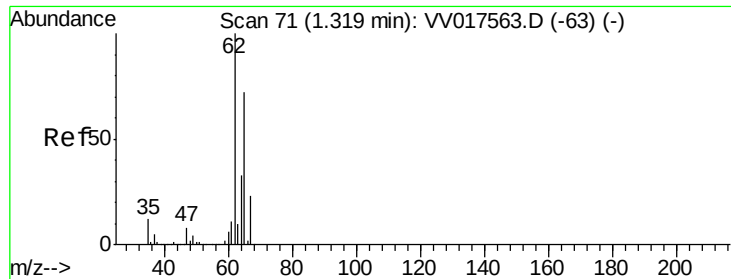
Instrument :
MSVOA_V
ClientSampleId :
PMW-9SDL

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Quant Time: Jul 22 05:28:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 22 03:23:09 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.870 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017572.D

Acq: 21 Jul 2020 18:32

Instrument :

MSVOA_V

ClientSampled :

PMW-9SDL

Tot Ion: 62 Resp: 4502

Ion Ratio Lower Upper

62 100

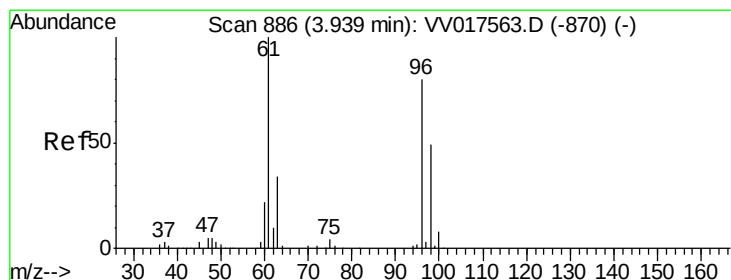
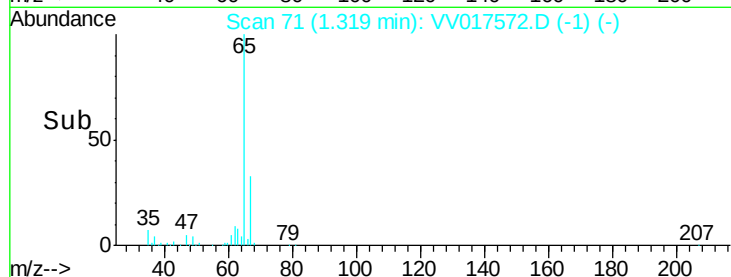
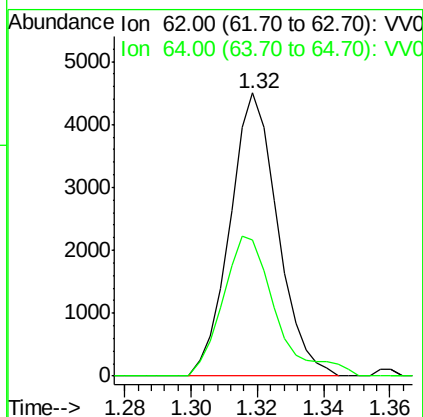
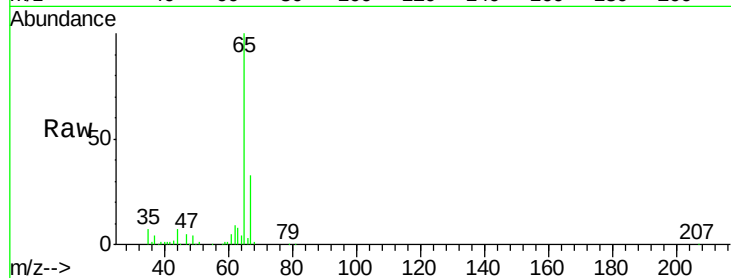
64 48.0 22.8 42.4#

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#20

cis-1,2-Dichloroethene

Concen: 1.624 ug/L m

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV017572.D

Acq: 21 Jul 2020 18:32

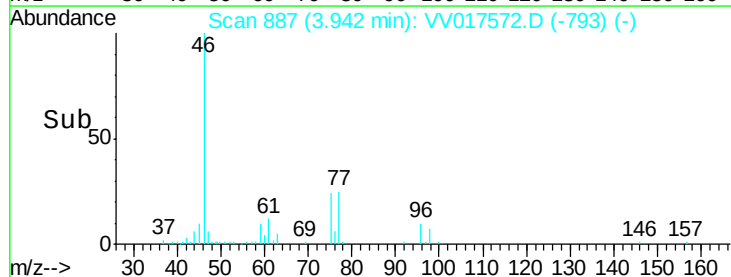
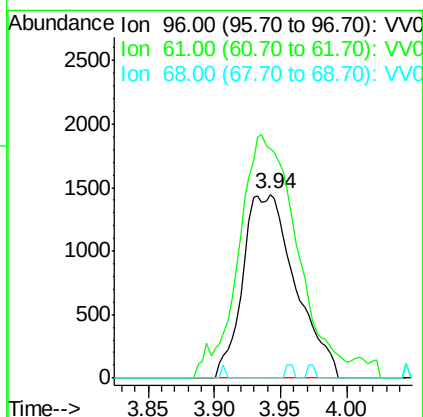
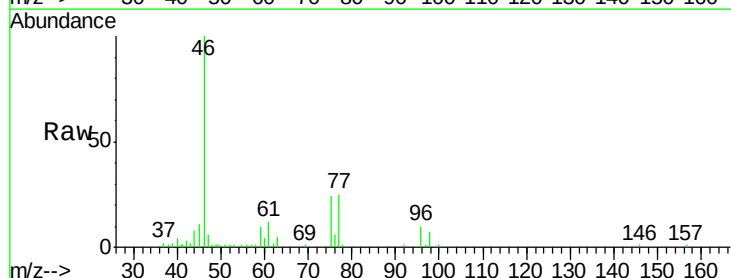
Tgt Ion: 96 Resp: 3985

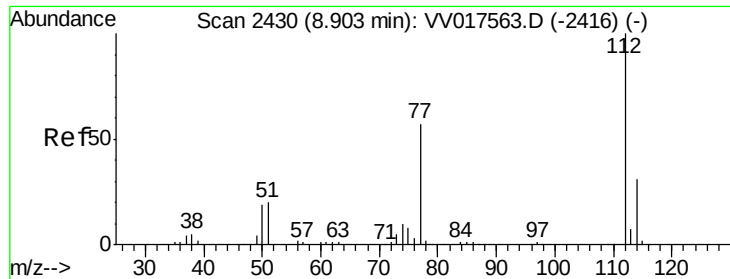
Ion Ratio Lower Upper

96 100

61 124.5 87.8 163.2

68 0.0 0.0 0.0





#51

Chlorobenzene

Concen: 5.942 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV017572.D

Acq: 21 Jul 2020 18:32

Instrument :

MSVOA_V

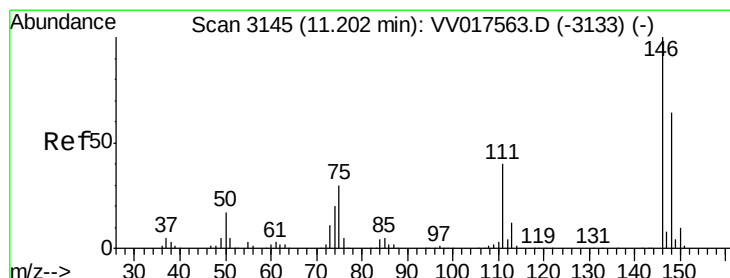
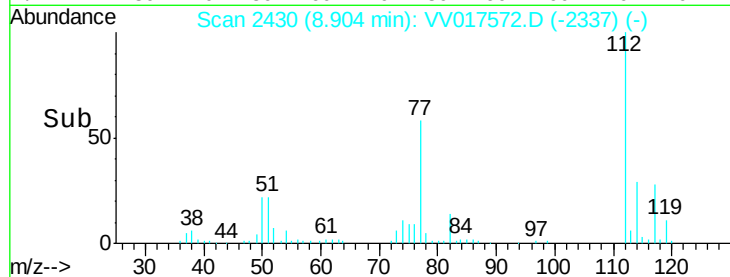
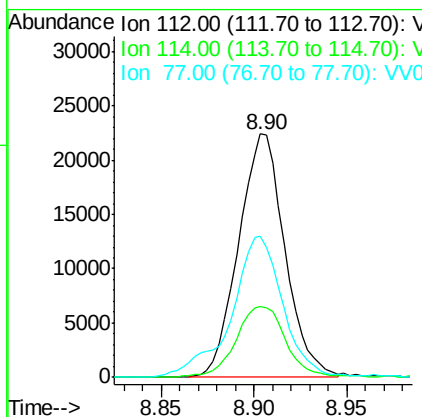
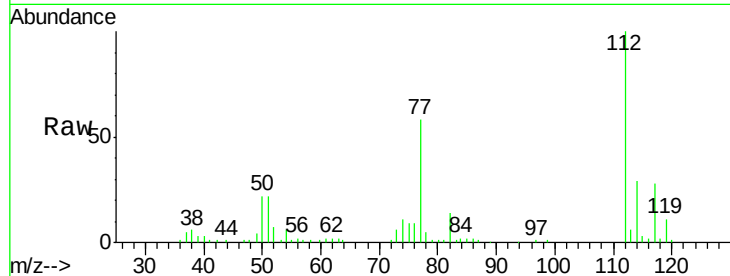
ClientSampleId :

PMW-9SDL

Tot Ion:	112	Resp:	38988
Ion Ratio	Lower	Upper	
112	100		
114	29.2	21.9	40.7
77	57.9	46.1	69.1

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#62

1,3-Dichlorobenzene

Concen: 35.399 ug/L

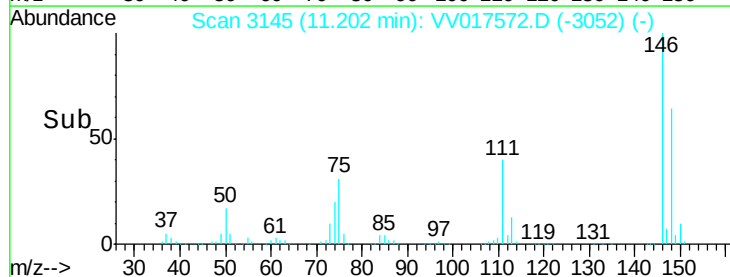
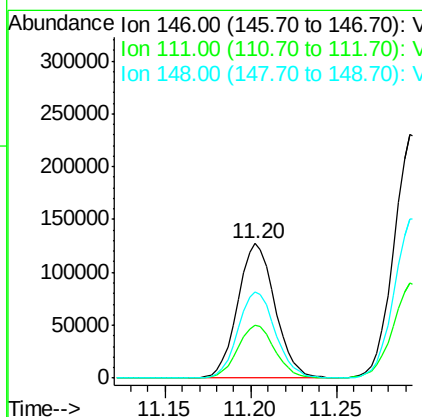
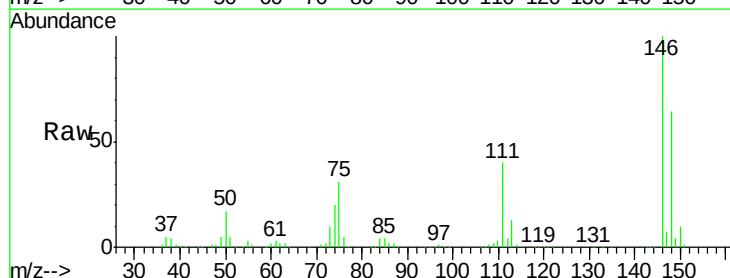
RT: 11.20 min Scan# 3145

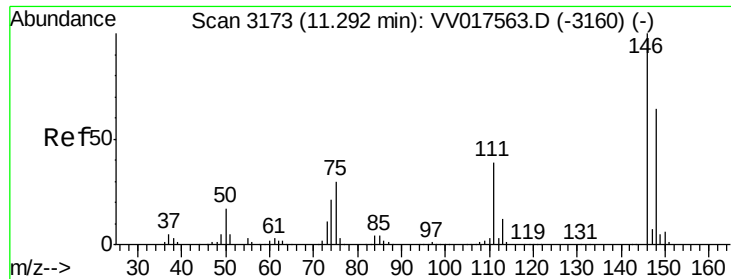
Delta R.T. 0.00 min

Lab File: VV017572.D

Acq: 21 Jul 2020 18:32

Tgt Ion:	146	Resp:	193000
Ion Ratio	Lower	Upper	
146	100		
111	39.6	28.2	52.4
148	64.1	44.7	82.9





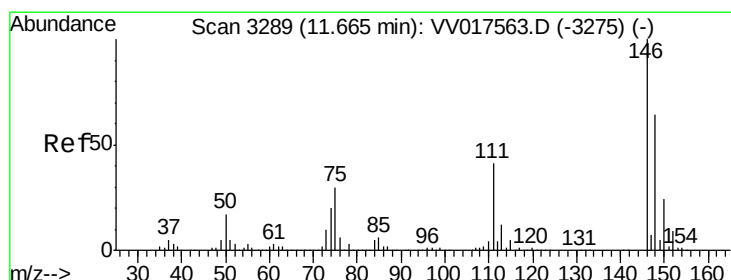
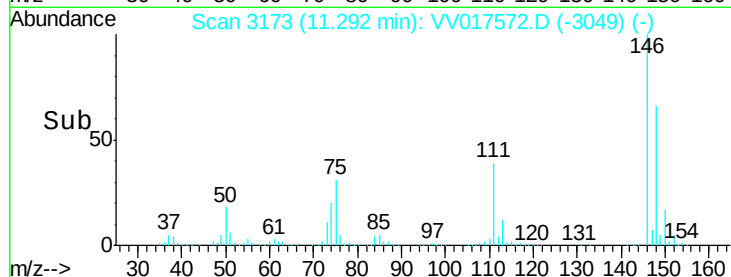
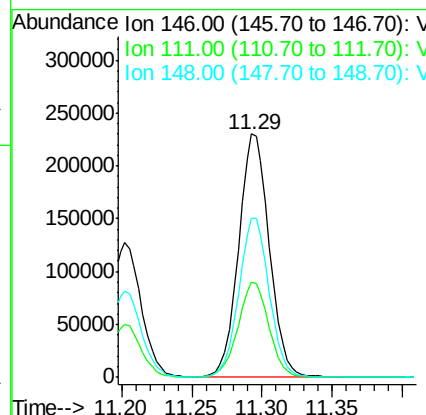
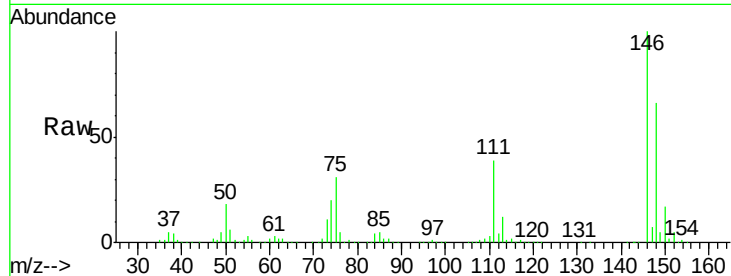
#63
 1,4-Dichlorobenzene
 Concen: 62.823 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV017572.D
 Acq: 21 Jul 2020 18:32

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9SDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	27.3	50.7
148	65.5	45.1	83.9

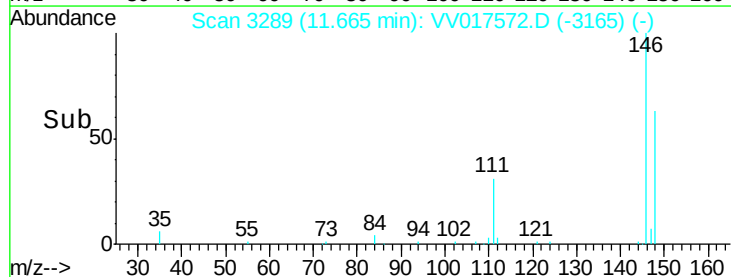
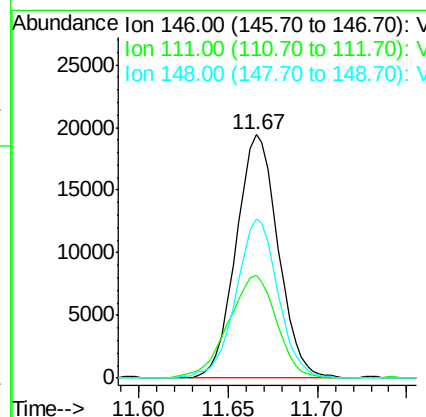
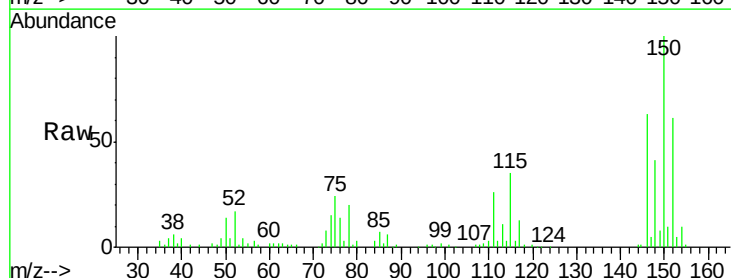
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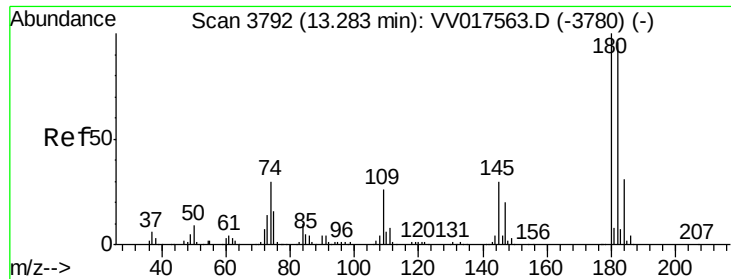
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#65
 1,2-Dichlorobenzene
 Concen: 5.780 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV017572.D
 Acq: 21 Jul 2020 18:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	32.9	49.3
148	65.3	51.0	76.4





#68
 1,2,4-trichlorobenzene
 Concen: 1.583 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.01 min
 Lab File: VV017572.D
 Acq: 21 Jul 2020 18:32

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9SDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	29.6	24.1	36.1

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