

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017575.D
 Acq On : 21 Jul 2020 19:42
 Operator : SY/MD
 Sample : L3336-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9D

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:17:44 PM

Quant Time: Jul 22 05:17:14 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	307846	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300121	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65820	35.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.08%
7) Chloroethane-d5	1.58	69	50229	38.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.12	63	108801	28.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.56%#
21) 2-Butanone-d5	3.91	46	131736	91.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.67%
24) Chloroform-d	4.38	84	184330	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	5.06	65	131658	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
32) Benzene-d6	5.07	84	337401	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.09	67	105438	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.66%
41) Toluene-d8	7.34	98	304332	40.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.46%
43) trans-1,3-Dichloropropene-	7.64	79	50889	36.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.08%
47) 2-Hexanone-d5	8.11	63	100318	90.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153072	44.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	146889	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%

Target Compounds

				Ovalue
13) Acetone	2.19	43	1862m	1.436 ug/L
51) Chlorobenzene	8.90	112	91063	14.154 ug/L 97
62) 1,3-Dichlorobenzene	11.20	146	208542	38.922 ug/L 99
63) 1,4-Dichlorobenzene	11.29	146	830203	151.808 ug/L 100
65) 1,2-Dichlorobenzene	11.67	146	40079	7.378 ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	5806944	1547.847 ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	412877	110.022 ug/L 98

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

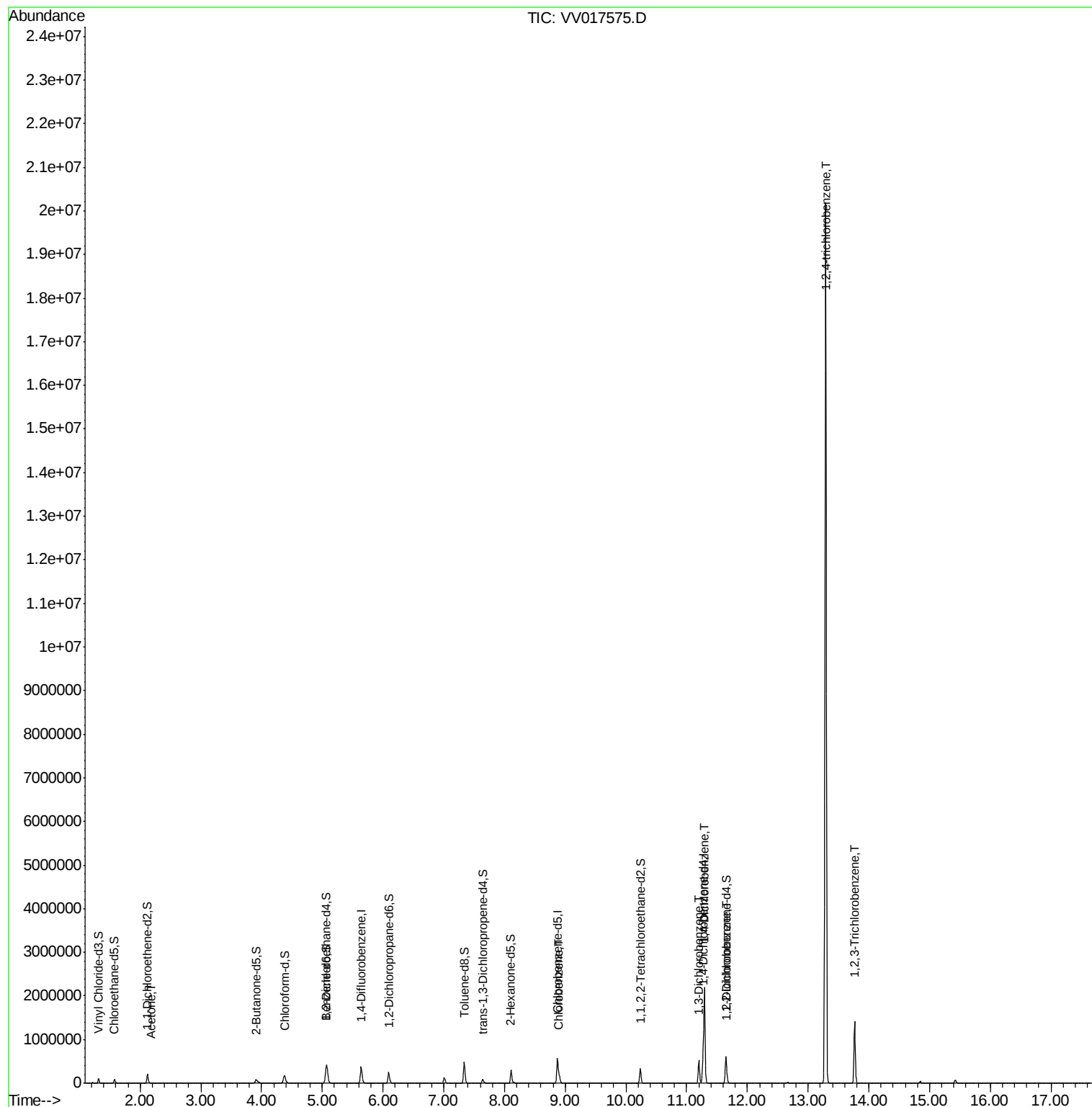
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072120\
Data File : VV017575.D
Acq On : 21 Jul 2020 19:42
Operator : SY/MD
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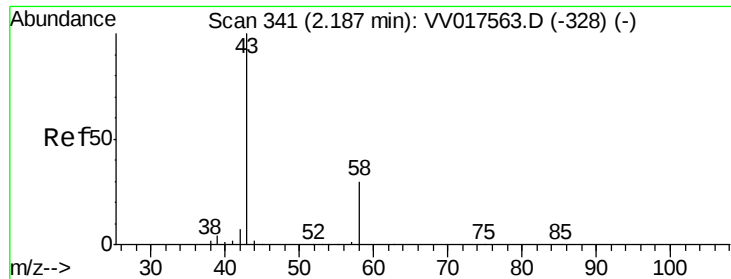
Instrument :
MSVOA_V
ClientSampleId :
PMW-9D

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Quant Time: Jul 22 05:17:14 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





#13

Acetone

Concen: 1.436 ug/L m

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017575.D

Acq: 21 Jul 2020 19:42

Instrument :

MSVOA_V

ClientSampleId :

PMW-9D

Tot Ion: 43 Resp: 1862

Ion Ratio Lower Upper

43 100

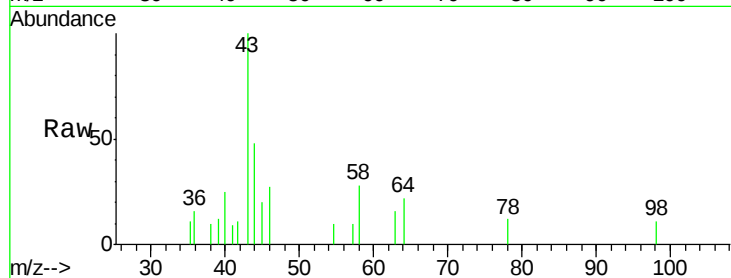
58 16.9 0.0 58.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV017563.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV017563.D (-328) (-)

2.19

1200

1000

800

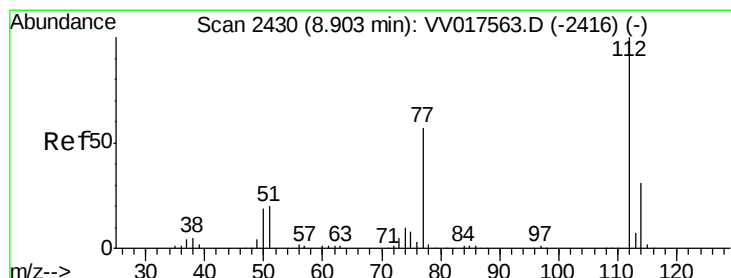
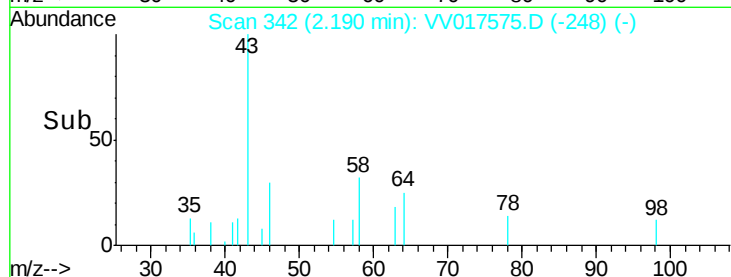
600

400

200

0

Time-->



#51

Chlorobenzene

Concen: 14.154 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV017575.D

Acq: 21 Jul 2020 19:42

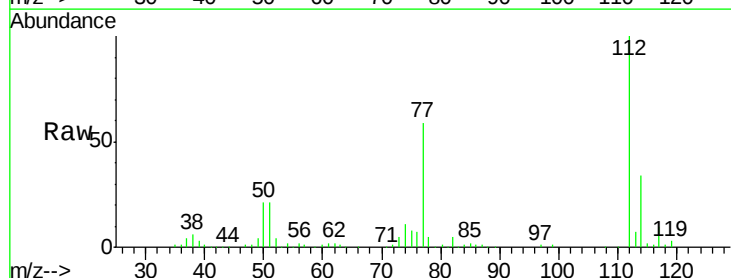
Tgt Ion: 112 Resp: 91063

Ion Ratio Lower Upper

112 100

114 34.1 21.9 40.7

77 59.3 46.1 69.1



Abundance Ion 112.00 (111.70 to 112.70): VV017563.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV017563.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV017563.D (-2416) (-)

8.90

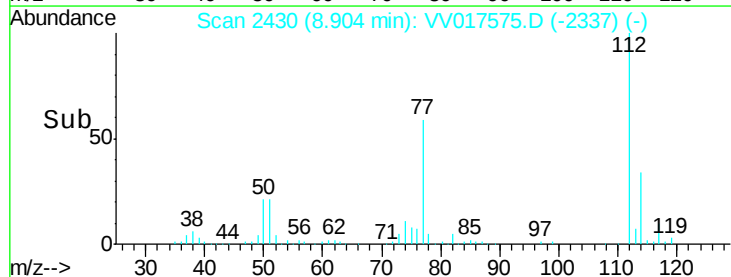
60000

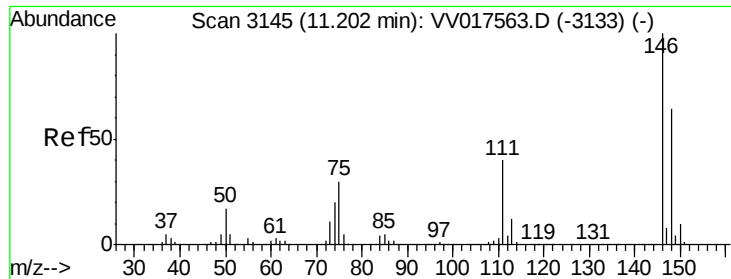
40000

20000

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Time-->





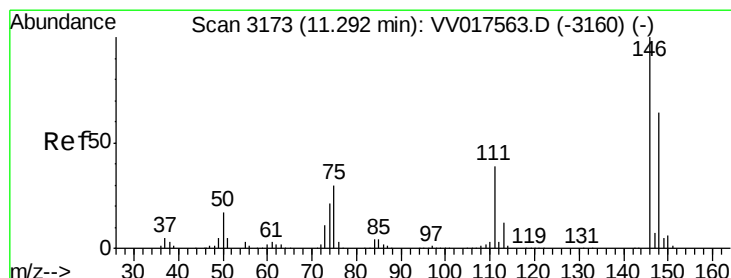
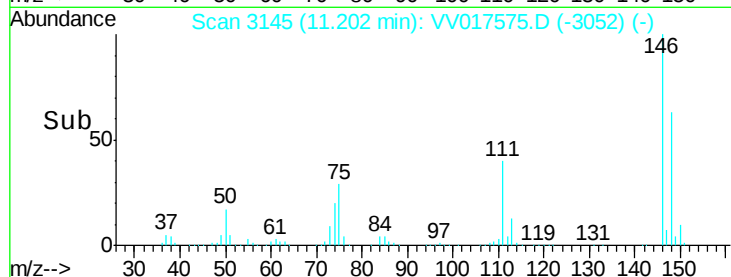
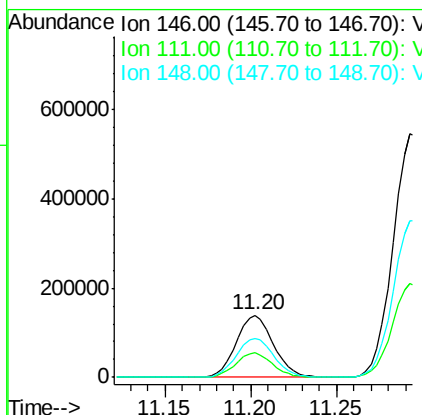
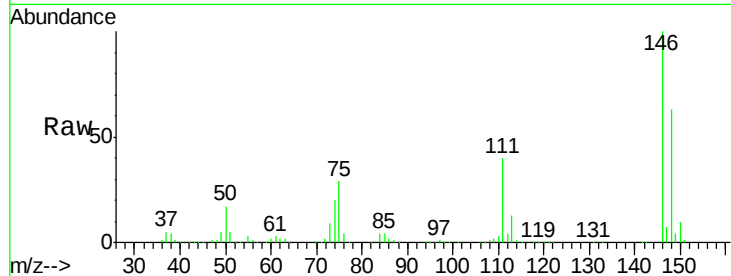
#62
 1,3-Dichlorobenzene
 Concen: 38.922 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV017575.D
 Acq: 21 Jul 2020 19:42

Instrument :
 MSVOA_V
 ClientSampled :
 PMW-9D

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	28.2	52.4
148	63.4	44.7	82.9

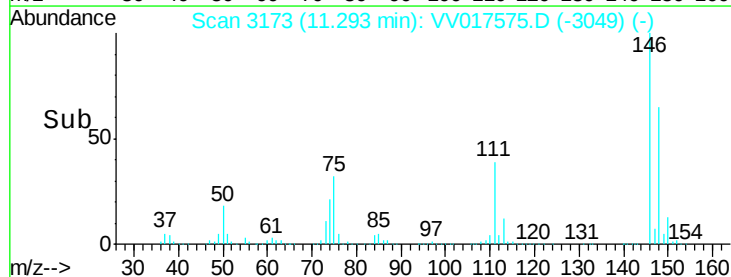
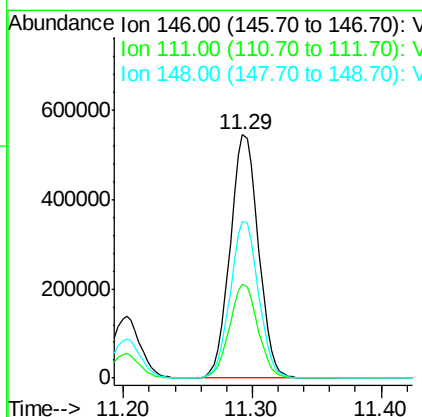
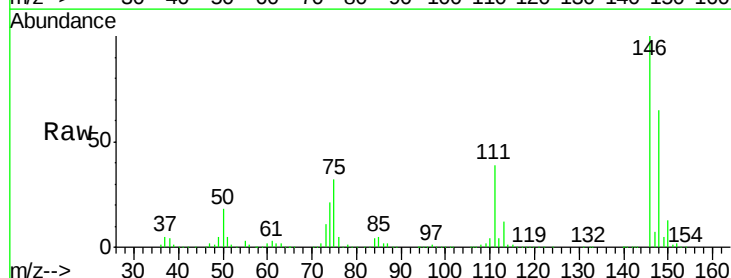
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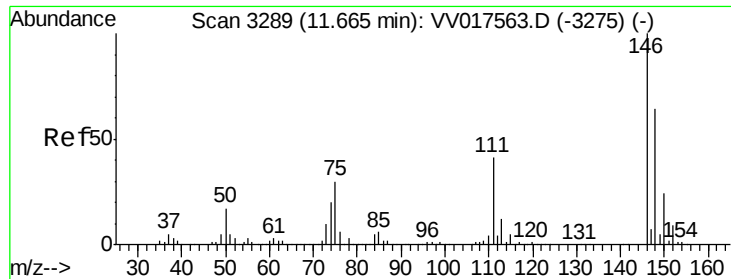
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#63
 1,4-Dichlorobenzene
 Concen: 151.808 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV017575.D
 Acq: 21 Jul 2020 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	27.3	50.7
148	64.6	45.1	83.9





#65

1,2-Dichlorobenzene

Concen: 7.378 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017575.D

Acq: 21 Jul 2020 19:42

Instrument :

MSVOA_V

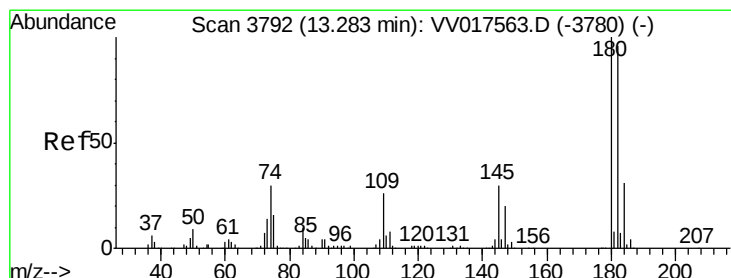
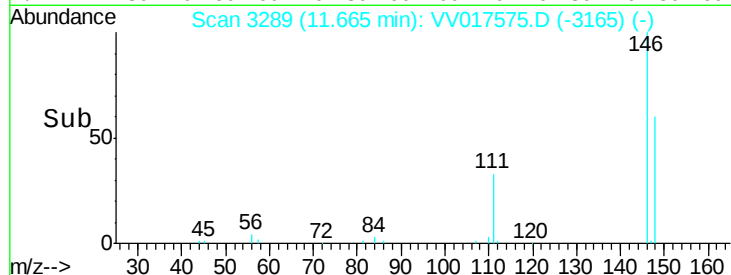
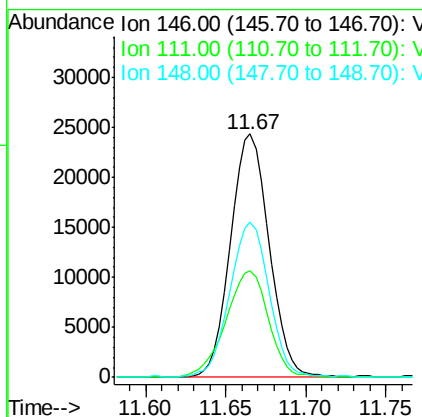
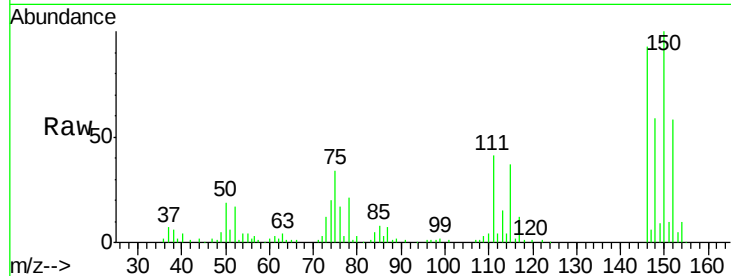
ClientSampleId :

PMW-9D

Tot Ion:	146	Resp:	40079
Ion Ratio	Lower	Upper	
146	100		
111	43.9	32.9	49.3
148	63.8	51.0	76.4

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#68

1,2,4-trichlorobenzene

Concen: 1547.847 ug/L

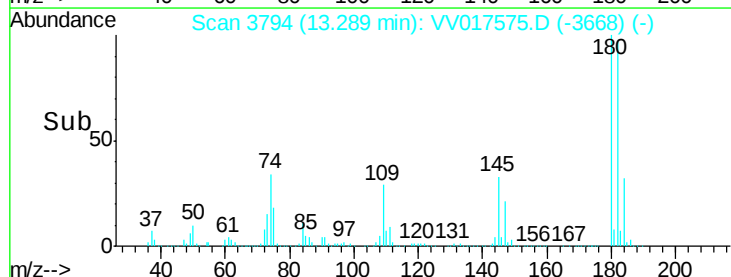
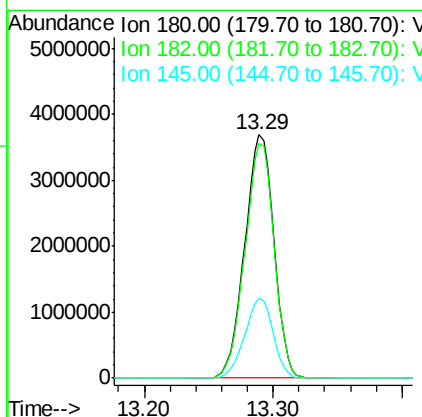
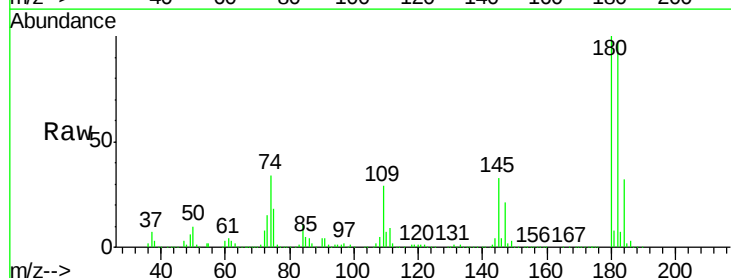
RT: 13.29 min Scan# 3794

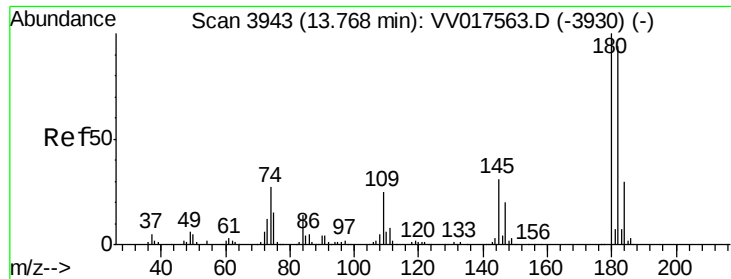
Delta R.T. 0.01 min

Lab File: VV017575.D

Acq: 21 Jul 2020 19:42

Tgt Ion:	180	Resp:	5806944
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.2	114.4
145	31.9	24.1	36.1





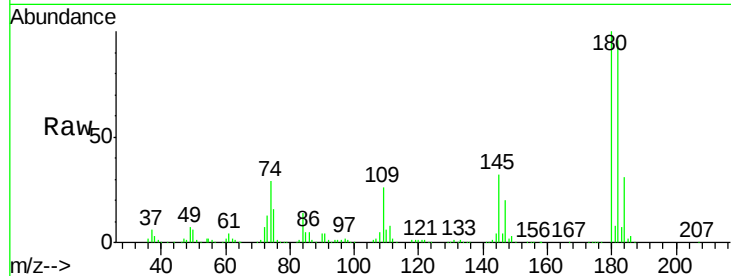
#70
 1,2,3-Trichlorobenzene
 Concen: 110.022 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV017575.D
 Acq: 21 Jul 2020 19:42

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9D

Tot Ion	Ratio	Resp	Lower	Upper
180	100	412877		
182	97.6		75.8	113.8
145	32.6		25.5	38.3

Manual Integrations
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Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

