

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015178.D
 Acq On : 26 Mar 2020 20:35
 Operator : SY/MD
 Sample : L1941-14RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC5RE

Manual Integrations
 APPROVED

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Quant Time: Mar 27 05:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	644883	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	617972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	269681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	155519	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.90%
7) Chloroethane-d5	1.58	69	148770	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.30%
11) 1,1-Dichloroethene-d2	2.12	63	248367	31.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.96%
21) 2-Butanone-d5	3.94	46	248270m	72.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.07%
24) Chloroform-d	4.38	84	288133	38.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.06	65	193025	38.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.12%
32) Benzene-d6	5.08	84	560004	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.10	67	184105	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.30%
41) Toluene-d8	7.34	98	522414	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	7.64	79	95040	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
47) 2-Hexanone-d5	8.12	63	190276	70.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	275564	35.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	197028	39.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.26%#

Target Compounds

					Ovalue
25) Chloroform	4.40	83	9073	1.055	ug/L 88
51) Chlorobenzene	8.90	112	199446	15.213	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	5361	0.593	ug/L 94
63) 1,4-Dichlorobenzene	11.30	146	11397	1.248	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	59829	6.526	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	33509	6.072	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	13392	2.423	ug/L 98

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

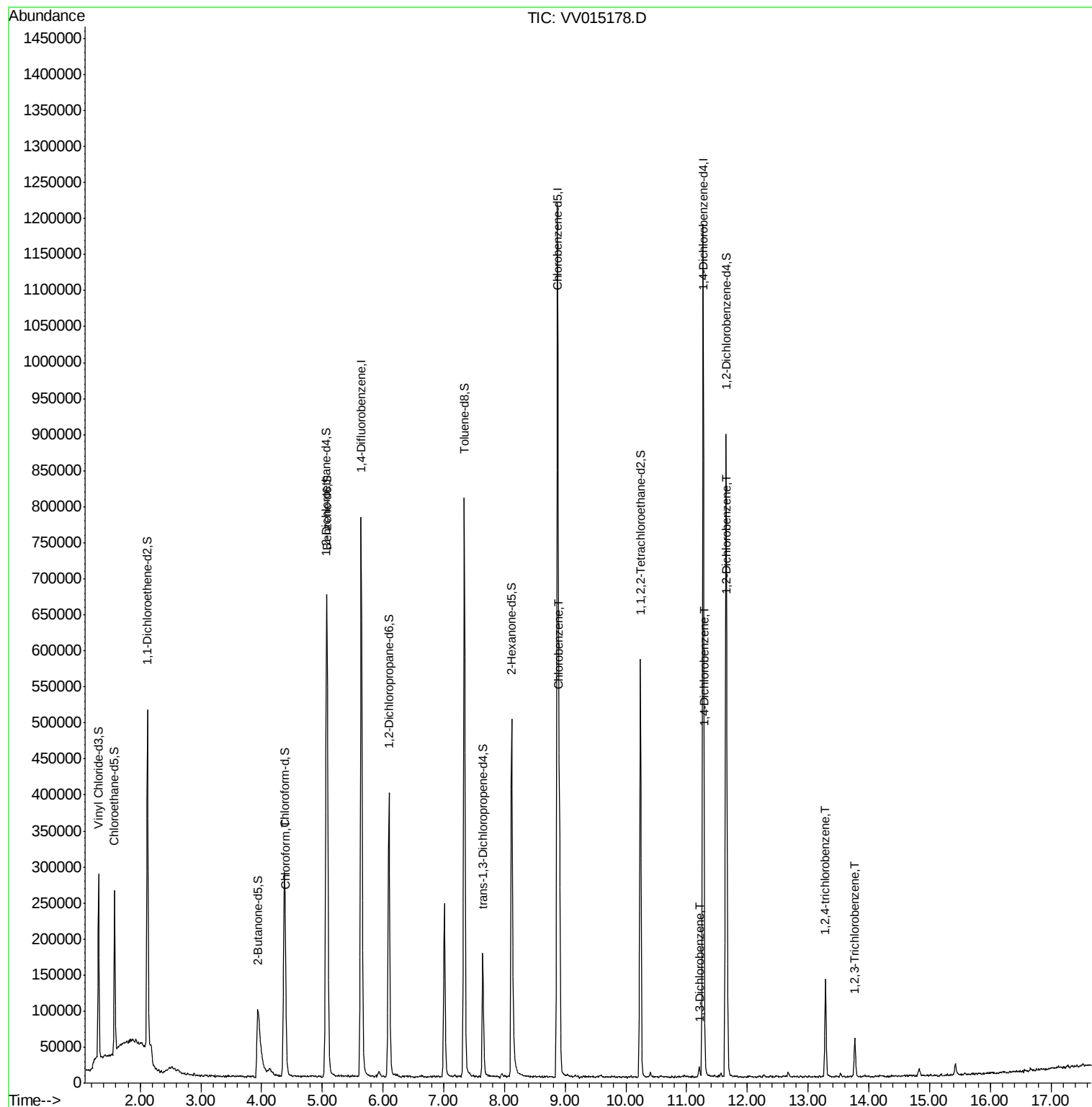
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032620\
Data File : VV015178.D
Acq On : 26 Mar 2020 20:35
Operator : SY/MD
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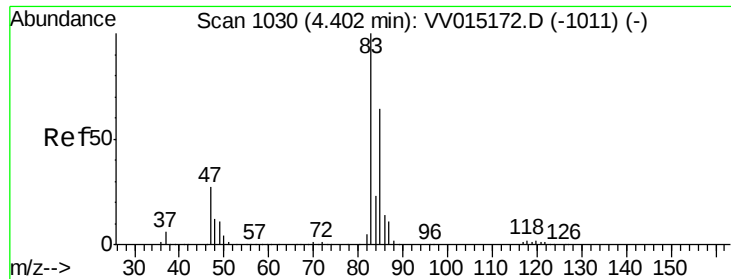
Instrument :
MSVOA_V
ClientSampleId :
C0DC5RE

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Quant Time: Mar 27 05:04:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
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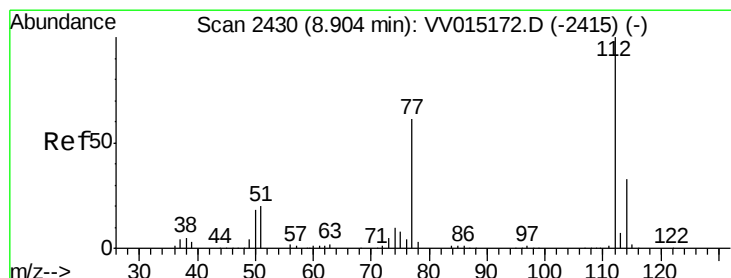
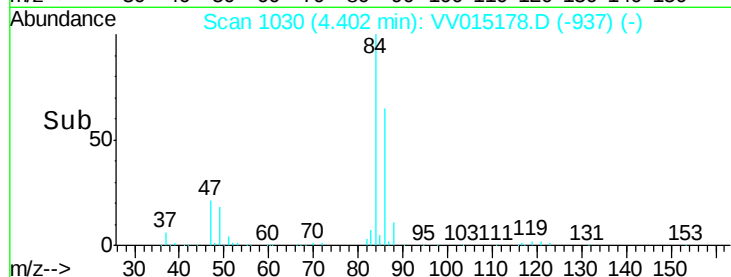
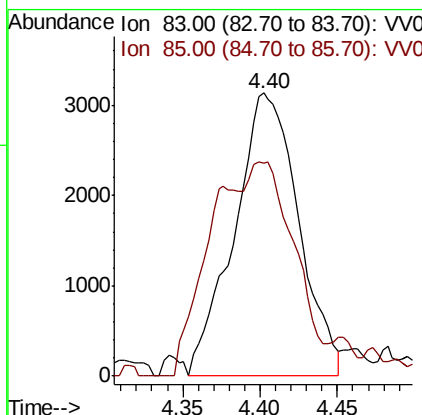
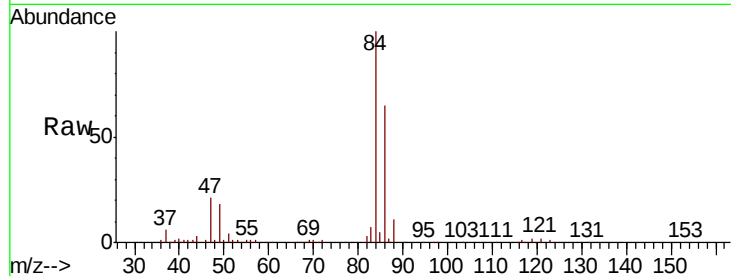
#25
Chloroform
Concen: 1.055 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015178.D
Acq: 26 Mar 2020 20:35

Instrument :
MSVOA_V
ClientSampleId :
C0DC5RE

Tot Ion: 83 Resp: 9073
Ion Ratio Lower Upper
83 100
85 75.2 46.2 85.8

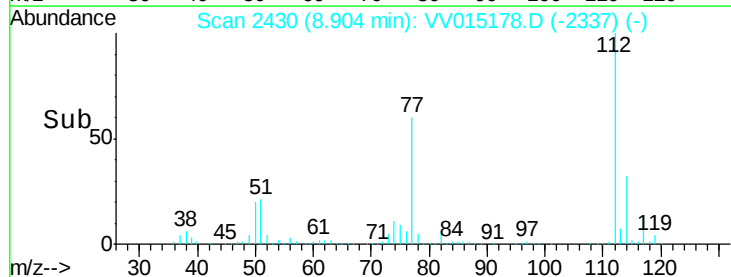
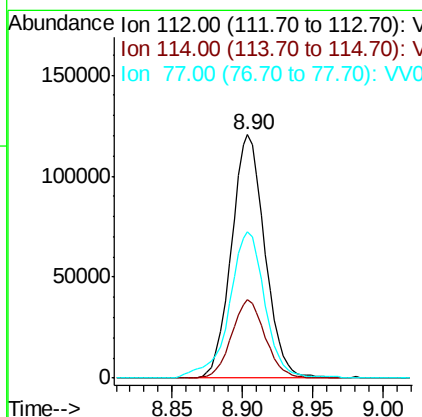
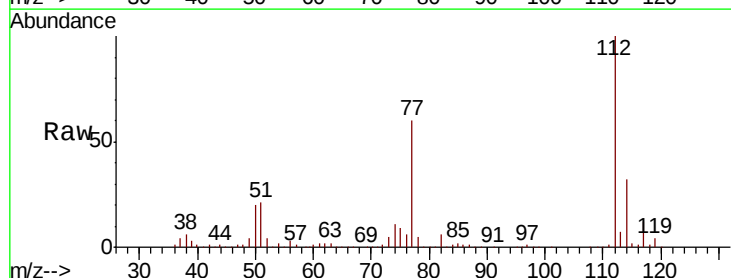
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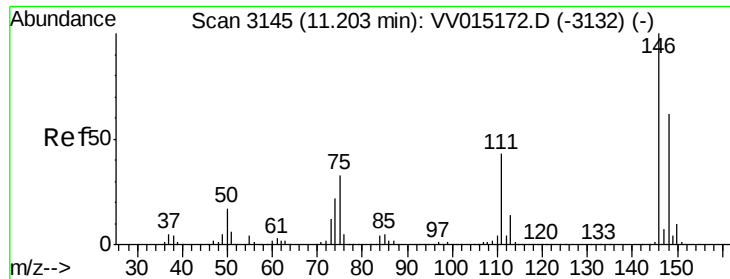
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#51
Chlorobenzene
Concen: 15.213 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015178.D
Acq: 26 Mar 2020 20:35

Tgt Ion: 112 Resp: 199446
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 60.2 47.3 70.9





#62

1,3-Dichlorobenzene

Concen: 0.593 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015178.D

Acq: 26 Mar 2020 20:35

Instrument :

MSVOA_V

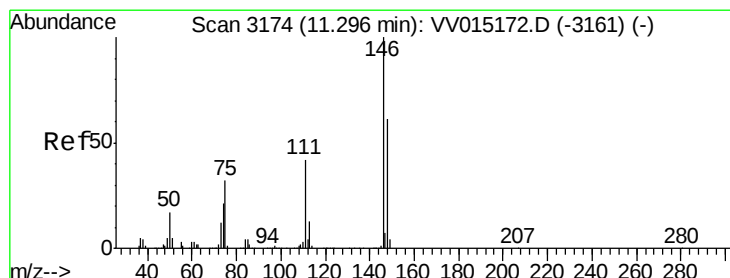
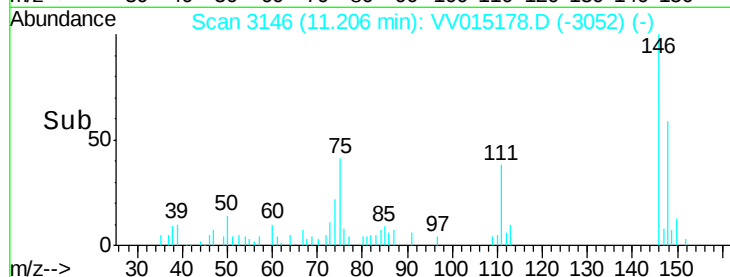
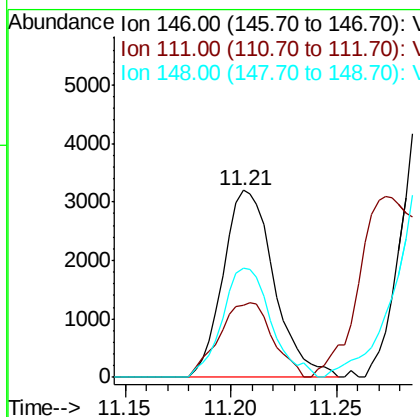
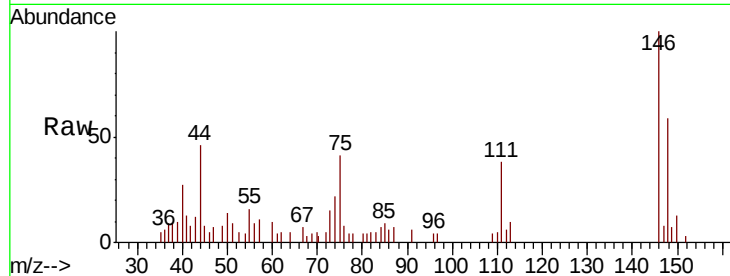
ClientSampled :

C0DC5RE

Tot Ion:	146	Resp:	5361
Ion Ratio	Lower	Upper	
146	100		
111	38.5	30.5	56.7
148	58.8	44.0	81.6

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#63

1,4-Dichlorobenzene

Concen: 1.248 ug/L

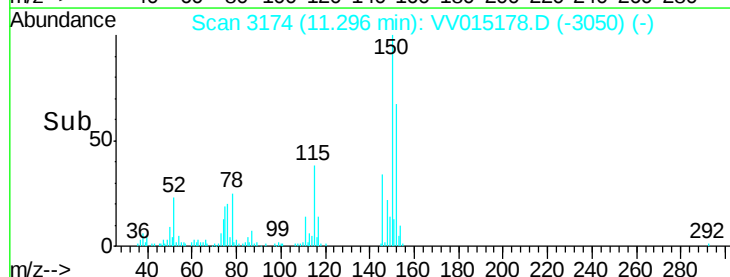
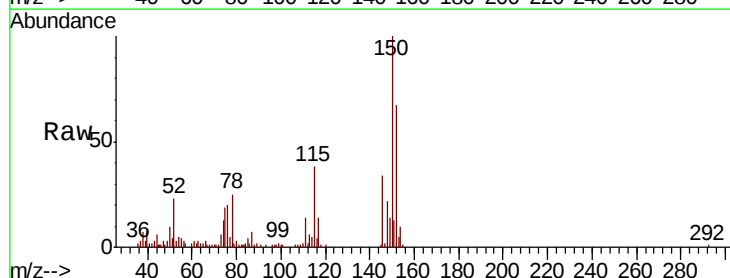
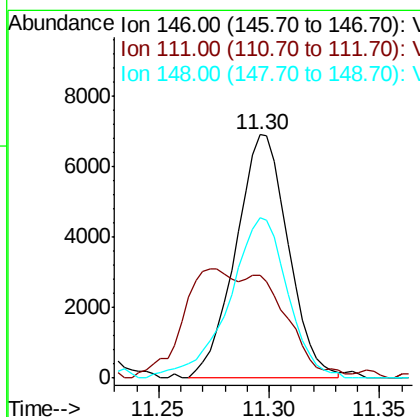
RT: 11.30 min Scan# 3174

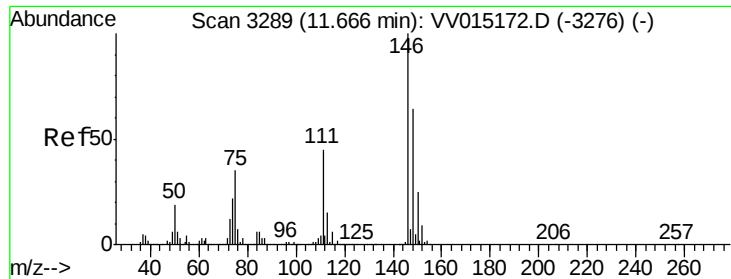
Delta R.T. -0.00 min

Lab File: VV015178.D

Acq: 26 Mar 2020 20:35

Tgt Ion:	146	Resp:	11397
Ion Ratio	Lower	Upper	
146	100		
111	42.5	29.2	54.2
148	65.7	44.8	83.2





#65

1,2-Dichlorobenzene

Concen: 6.526 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VV015178.D

Acq: 26 Mar 2020 20:35

Instrument :

MSVOA_V

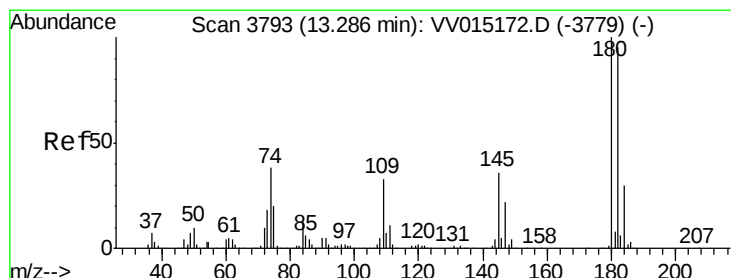
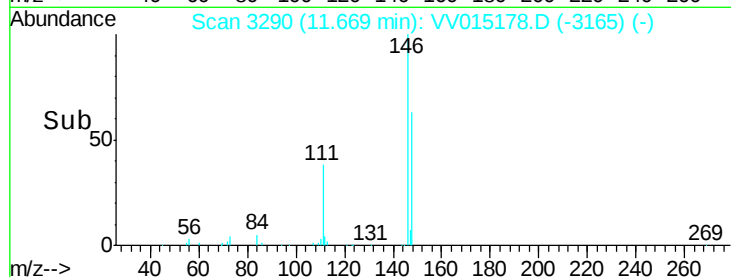
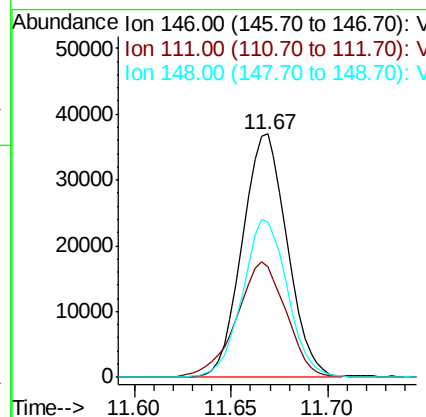
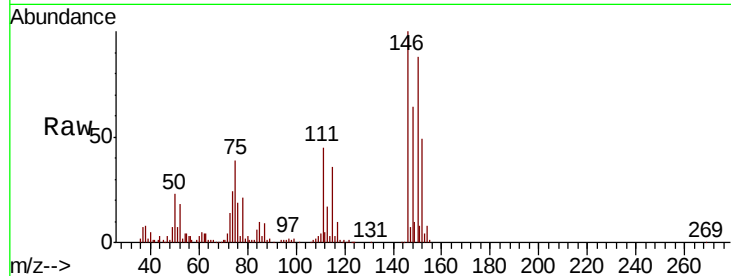
ClientSampled :

C0DC5RE

Tot Ion:	146	Resp:	59829
Ion Ratio	Lower	Upper	
146	100		
111	45.4	35.4	53.2
148	63.6	49.7	74.5

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#68

1,2,4-trichlorobenzene

Concen: 6.072 ug/L

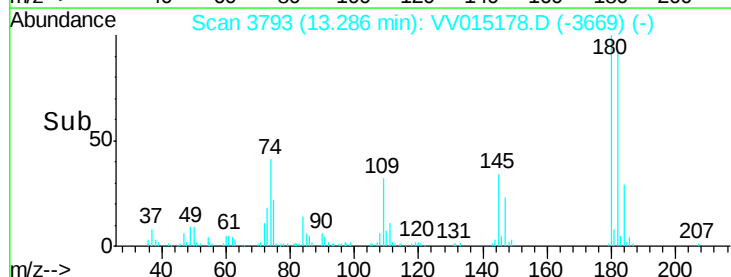
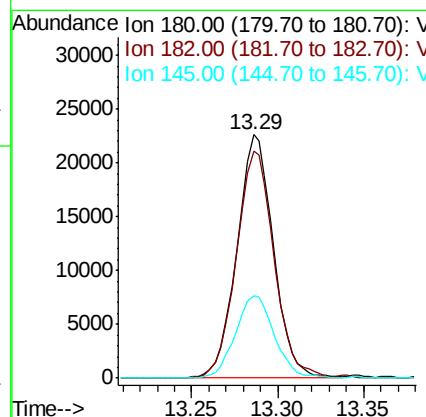
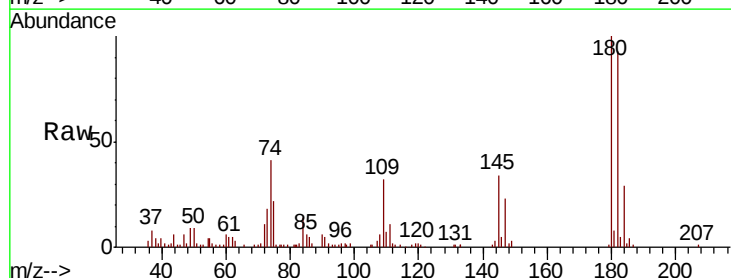
RT: 13.29 min Scan# 3793

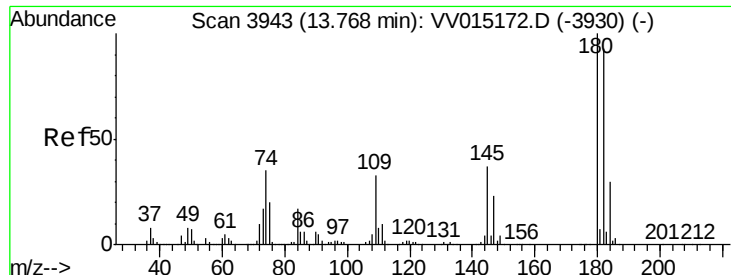
Delta R.T. -0.00 min

Lab File: VV015178.D

Acq: 26 Mar 2020 20:35

Tgt Ion:	180	Resp:	33509
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.2	112.8
145	35.9	27.5	41.3





#70
 1,2,3-Trichlorobenzene
 Concen: 2.423 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015178.D
 Acq: 26 Mar 2020 20:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC5RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.6	112.0
145	39.2	29.9	44.9

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