

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015179.D
 Acq On : 26 Mar 2020 20:59
 Operator : SY/MD
 Sample : L1941-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

Manual Integrations
 APPROVED

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Quant Time: Mar 27 05:09:51 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	648577	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	629961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	277091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157008	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.24%
7) Chloroethane-d5	1.58	69	152240m	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	255490	32.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.40%
21) 2-Butanone-d5	3.94	46	234690	67.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.74%
24) Chloroform-d	4.38	84	289817	38.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.06	65	196898	39.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.22%
32) Benzene-d6	5.08	84	567201	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
36) 1,2-Dichloropropane-d6	6.10	67	191914	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.12%
41) Toluene-d8	7.34	98	530327	45.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.32%
43) trans-1,3-Dichloropropene-	7.64	79	97499	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.60%
47) 2-Hexanone-d5	8.12	63	189642	69.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	277899	35.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	204774	39.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.16%#

Target Compounds

					Ovalue
25) Chloroform	4.41	83	9366	1.083	ug/L 98
33) Benzene	5.13	78	62542	3.335	ug/L 100
51) Chlorobenzene	8.90	112	248331	18.581	ug/L 98
62) 1,3-Dichlorobenzene	11.21	146	35933	3.868	ug/L 94
63) 1,4-Dichlorobenzene	11.30	146	186459	19.867	ug/L 97
65) 1,2-Dichlorobenzene	11.67	146	191347	20.314	ug/L 95
68) 1,2,4-trichlorobenzene	13.29	180	133756	23.588	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	44971	7.920	ug/L 99

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

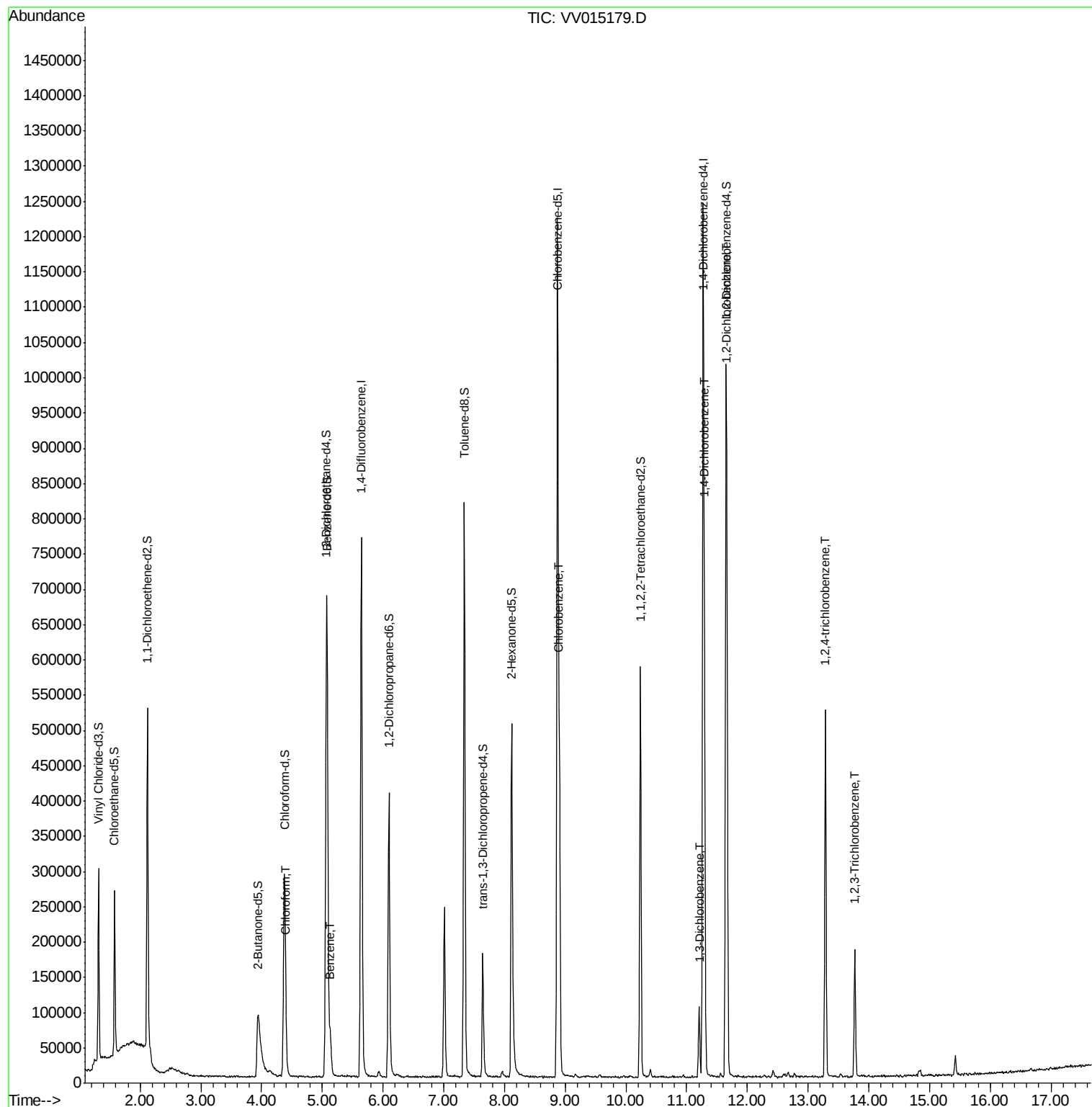
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032620\
Data File : VV015179.D
Acq On : 26 Mar 2020 20:59
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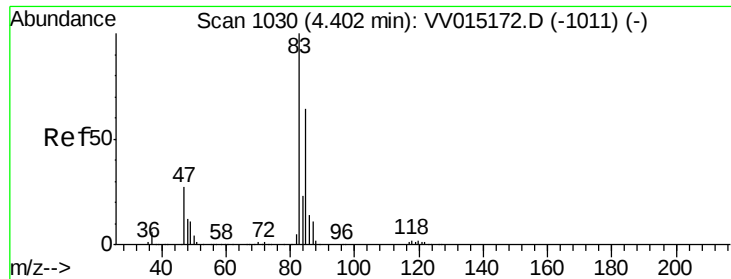
Instrument :
MSVOA_V
ClientSampleId :
C0DL8

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Quant Time: Mar 27 05:09:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 27 03:08:32 2020
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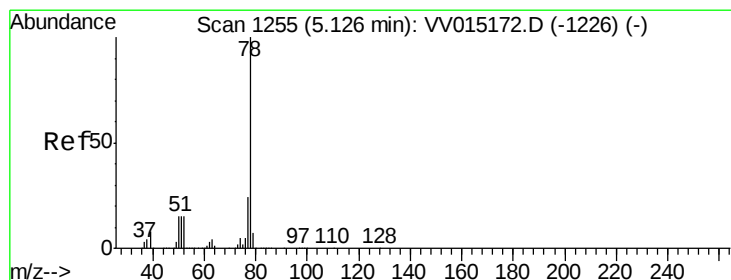
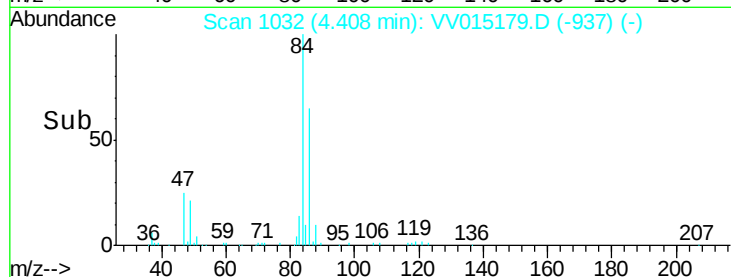
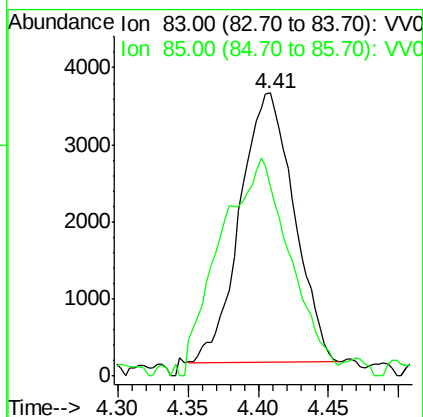
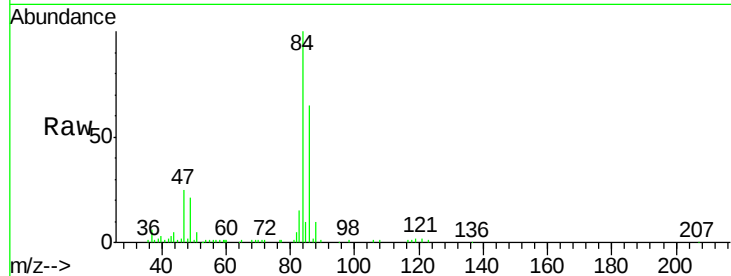
#25
Chloroform
Concen: 1.083 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015179.D
Acq: 26 Mar 2020 20:59

Instrument :
MSVOA_V
ClientSampleId :
C0DL8

Tot Ion: 83 Resp: 9366
Ion Ratio Lower Upper
83 100
85 67.3 46.2 85.8

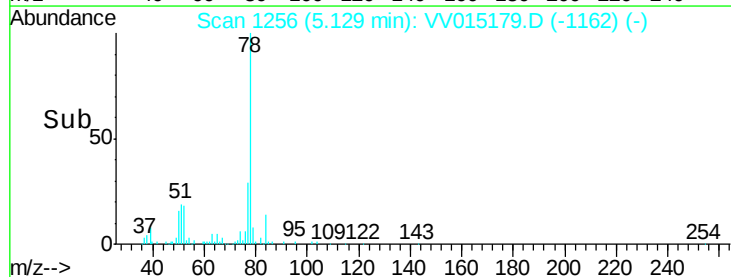
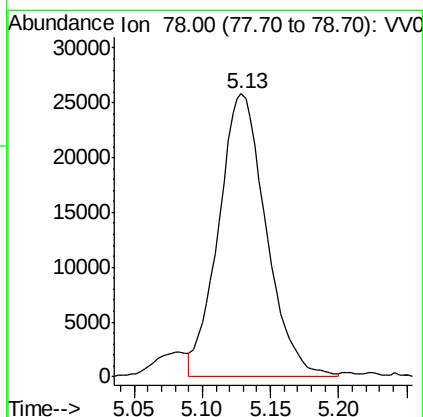
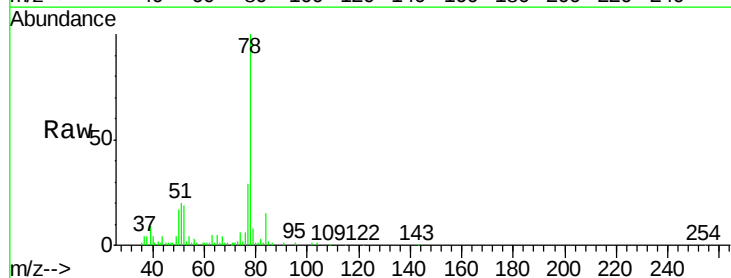
Manual Integrations
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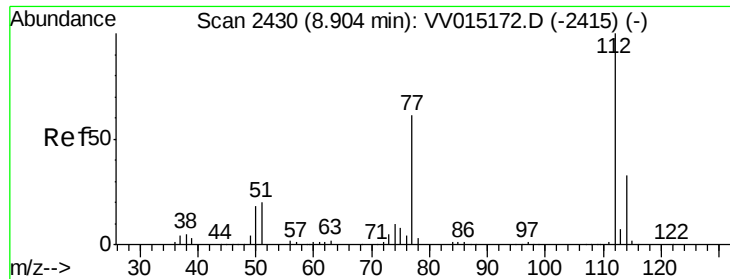
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#33
Benzene
Concen: 3.335 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV015179.D
Acq: 26 Mar 2020 20:59

Tgt Ion: 78 Resp: 62542





#51

Chlorobenzene

Concen: 18.581 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015179.D

Acq: 26 Mar 2020 20:59

Instrument :

MSVOA_V

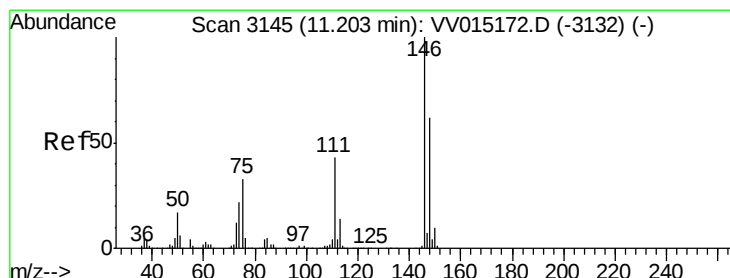
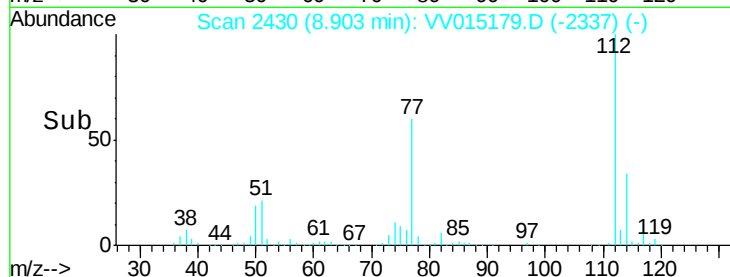
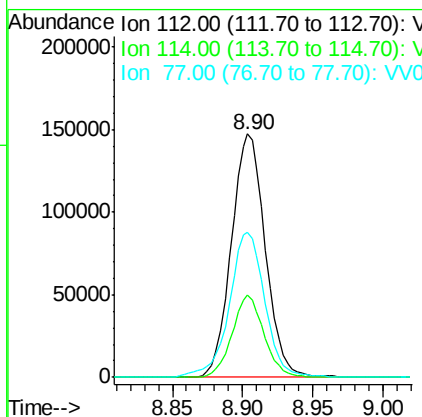
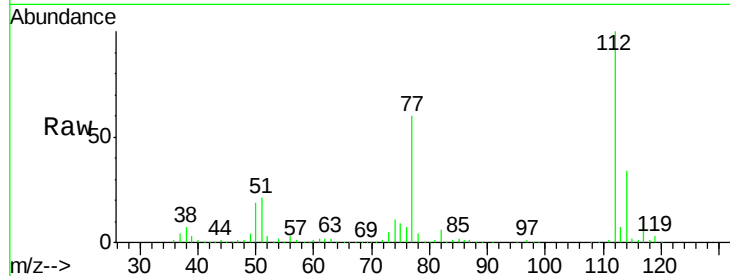
ClientSampled :

C0DL8

Tot Ion:	112	Resp:	248331
Ion Ratio	Lower	Upper	
112	100		
114	33.6	22.1	41.1
77	59.8	47.3	70.9

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#62

1,3-Dichlorobenzene

Concen: 3.868 ug/L

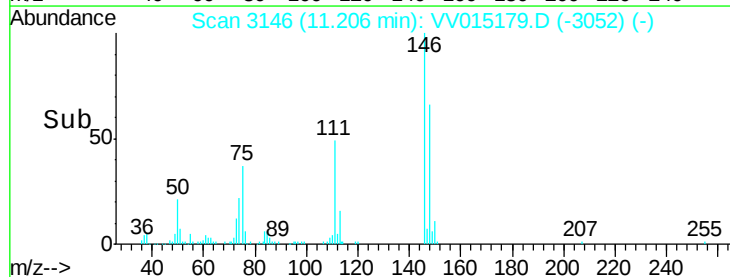
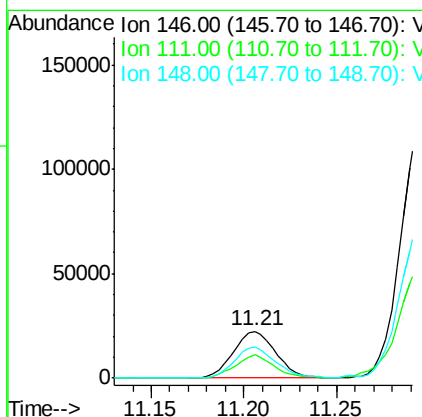
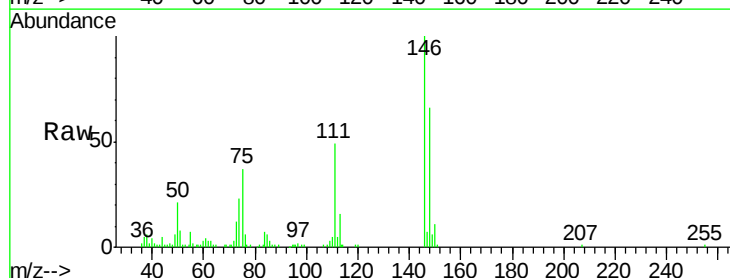
RT: 11.21 min Scan# 3146

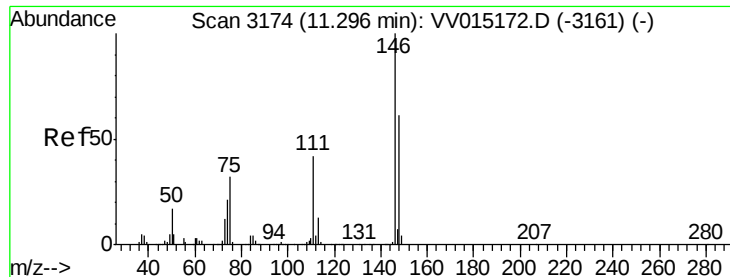
Delta R.T. 0.00 min

Lab File: VV015179.D

Acq: 26 Mar 2020 20:59

Tgt Ion:	146	Resp:	35933
Ion Ratio	Lower	Upper	
146	100		
111	49.0	30.5	56.7
148	65.6	44.0	81.6





#63

1,4-Dichlorobenzene

Concen: 19.867 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015179.D

Acq: 26 Mar 2020 20:59

Instrument :

MSVOA_V

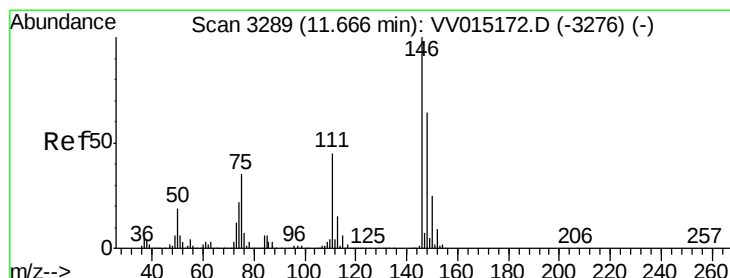
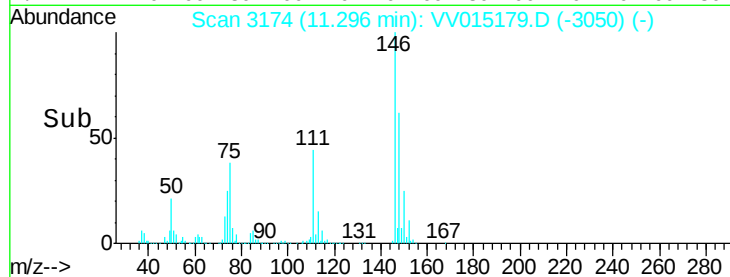
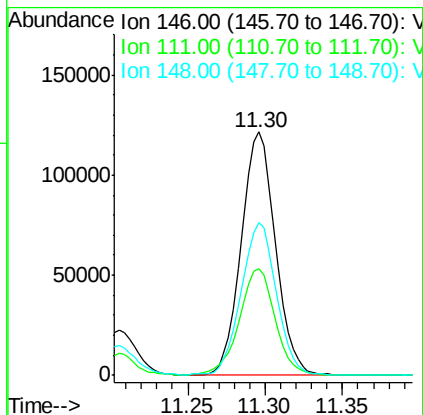
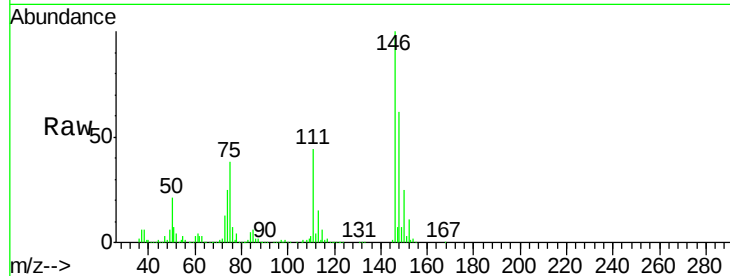
ClientSampled :

C0DL8

Tot Ion:	146	Resp:	186459
Ion Ratio	Lower	Upper	
146	100		
111	43.9	29.2	54.2
148	62.5	44.8	83.2

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#65

1,2-Dichlorobenzene

Concen: 20.314 ug/L

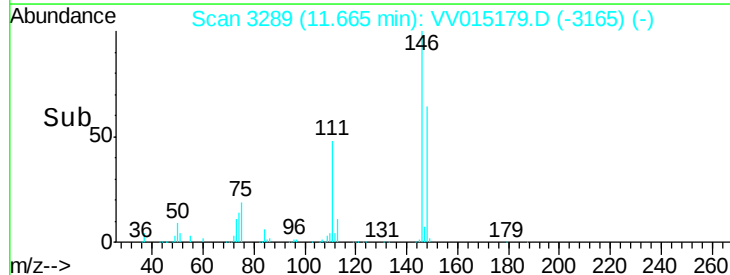
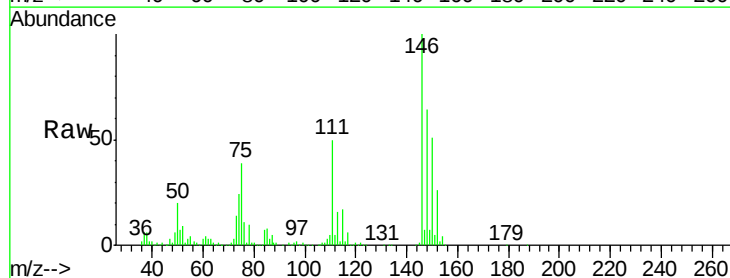
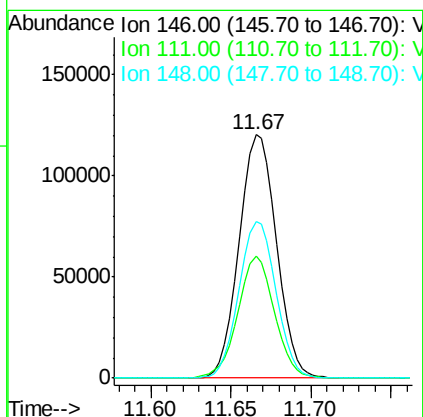
RT: 11.67 min Scan# 3289

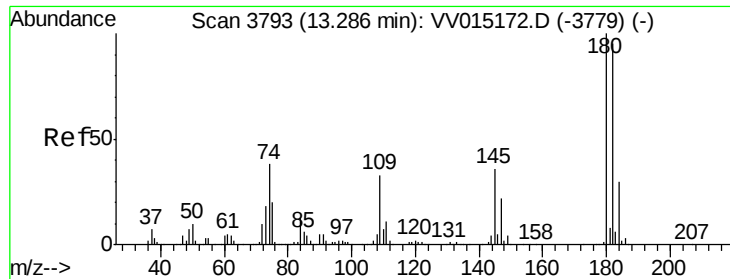
Delta R.T. -0.00 min

Lab File: VV015179.D

Acq: 26 Mar 2020 20:59

Tgt Ion:	146	Resp:	191347
Ion Ratio	Lower	Upper	
146	100		
111	50.0	35.4	53.2
148	64.1	49.7	74.5





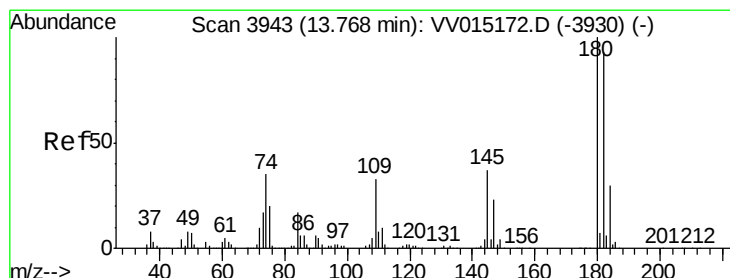
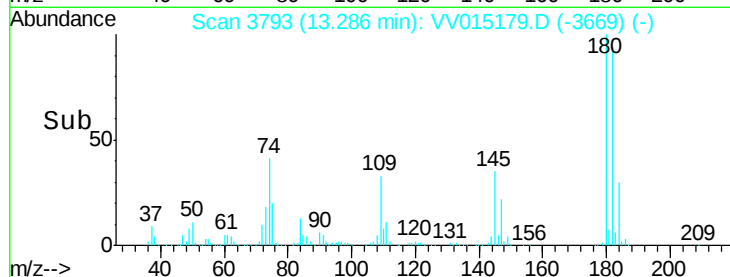
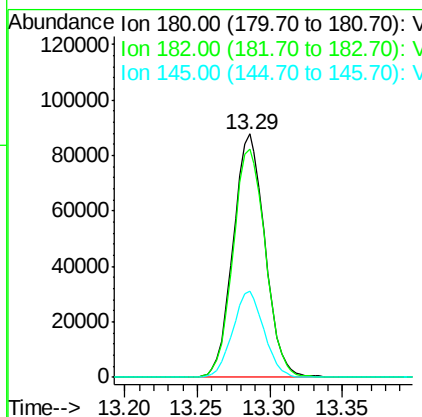
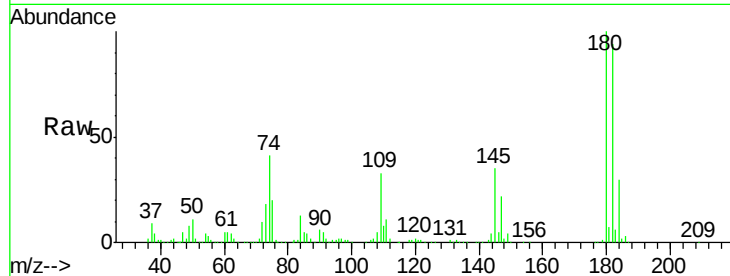
#68
 1,2,4-trichlorobenzene
 Concen: 23.588 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015179.D
 Acq: 26 Mar 2020 20:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL8

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.2	112.8
145	34.6	27.5	41.3

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#70
 1,2,3-Trichlorobenzene
 Concen: 7.920 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015179.D
 Acq: 26 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.6	112.0
145	37.5	29.9	44.9

