

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015121.D
 Acq On : 24 Mar 2020 14:12
 Operator : SY/MD
 Sample : L1968-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD5

Manual Integrations
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Quant Time: Mar 25 03:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	757257	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	724297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	346973	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	267327	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.44%
7) Chloroethane-d5	1.58	69	243352	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.12	63	397237	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
21) 2-Butanone-d5	3.93	46	368245	80.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.80%
24) Chloroform-d	4.38	84	433144	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	5.06	65	281465	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
32) Benzene-d6	5.07	84	893106	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
36) 1,2-Dichloropropane-d6	6.09	67	285558	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.54%
41) Toluene-d8	7.34	98	871439	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.64	79	151787	40.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.06%
47) 2-Hexanone-d5	8.11	63	294367	81.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	412856	41.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	332541	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%

Target Compounds

					Ovalue
33) Benzene	5.13	78	230396	10.476	ug/L 100
51) Chlorobenzene	8.90	112	1531334	101.876	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	264515	22.933	ug/L 100
63) 1,4-Dichlorobenzene	11.30	146	1041823	89.353	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	296943	24.704	ug/L 98
67) 1,3,5-Trichlorobenzene	12.67	180	3959m	0.501	ug/L
68) 1,2,4-trichlorobenzene	13.29	180	111834	14.900	ug/L 97
70) 1,2,3-Trichlorobenzene	13.77	180	10173	1.316	ug/L 97

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

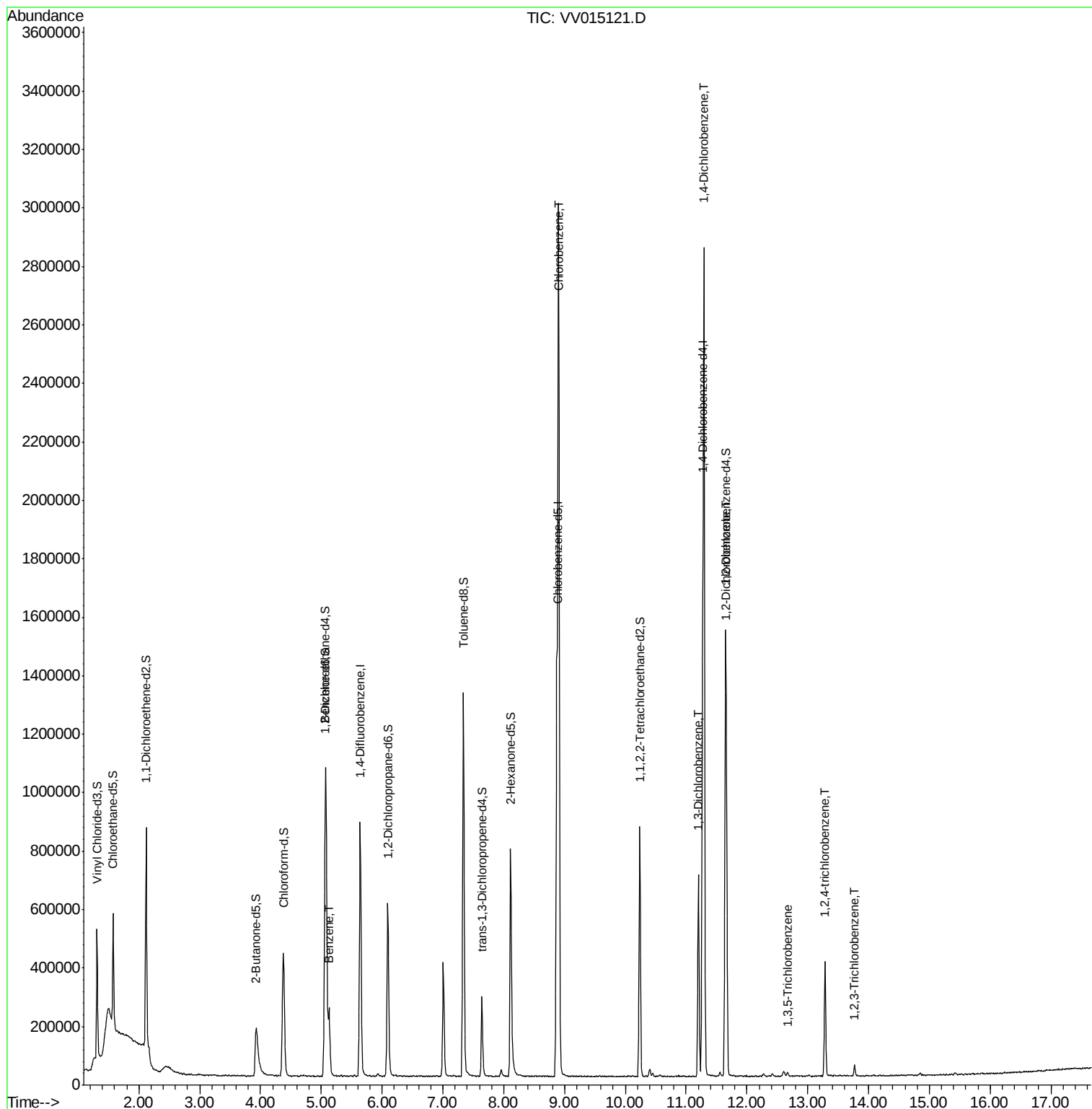
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032420\
Data File : VV015121.D
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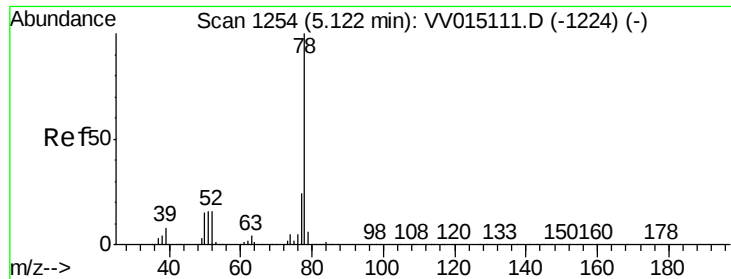
Instrument :
MSVOA_V
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Quant Time: Mar 25 03:08:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration





#33

Benzene

Concen: 10.476 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015121.D

Acq: 24 Mar 2020 14:12

Instrument :

MSVOA_V

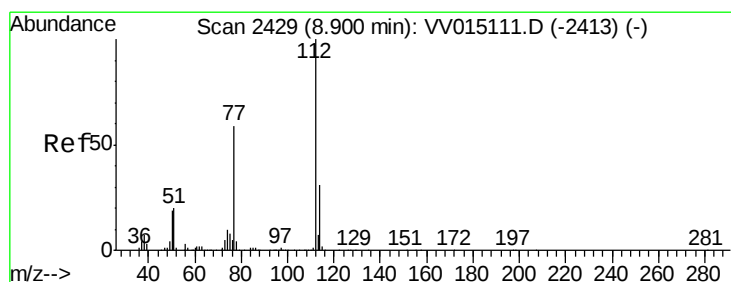
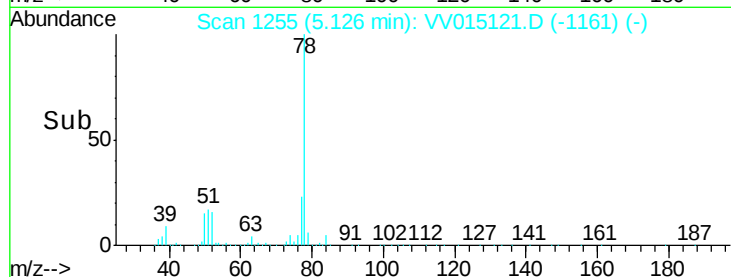
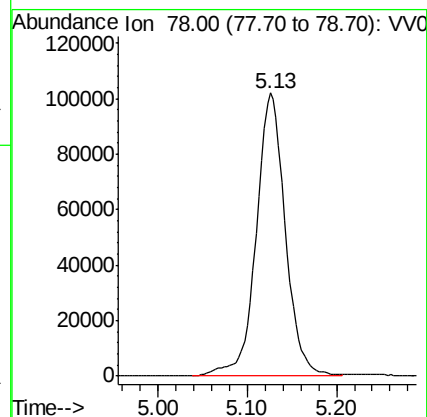
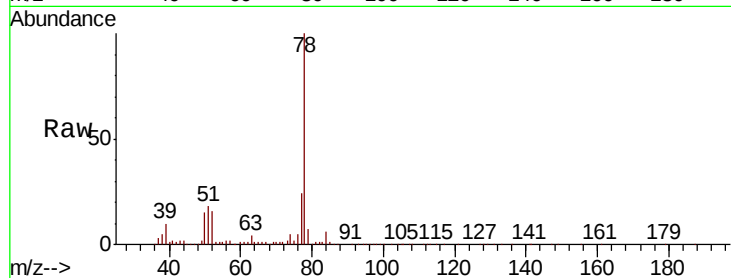
ClientSampled :

C0DD5

Tgt Ion: 78 Resp: 230396

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#51

Chlorobenzene

Concen: 101.876 ug/L

RT: 8.90 min Scan# 2430

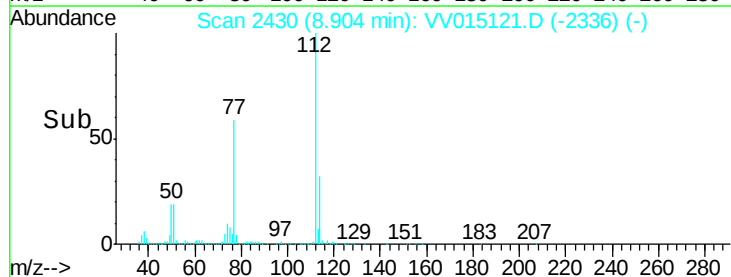
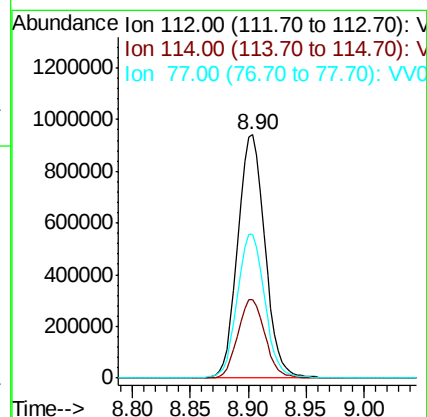
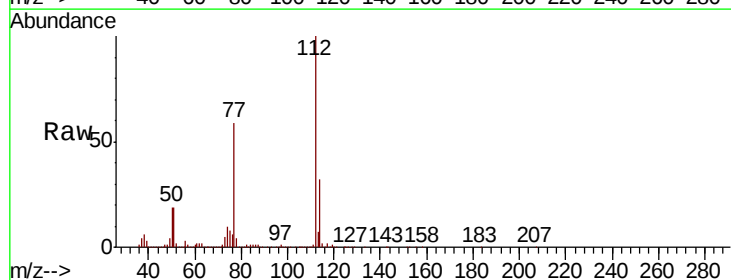
Delta R.T. 0.00 min

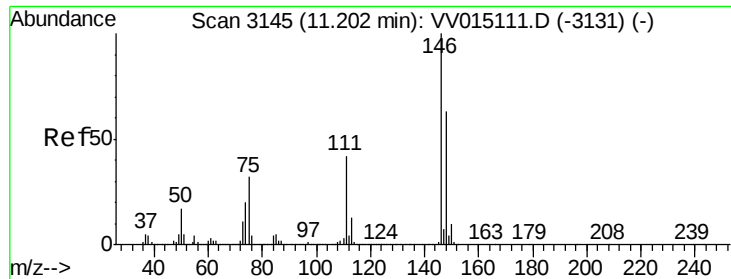
Lab File: VV015121.D

Acq: 24 Mar 2020 14:12

Tgt Ion: 112 Resp: 1531334

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	59.0	48.1	72.1





#62

1,3-Dichlorobenzene

Concen: 22.933 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015121.D

Acq: 24 Mar 2020 14:12

Instrument :

MSVOA_V

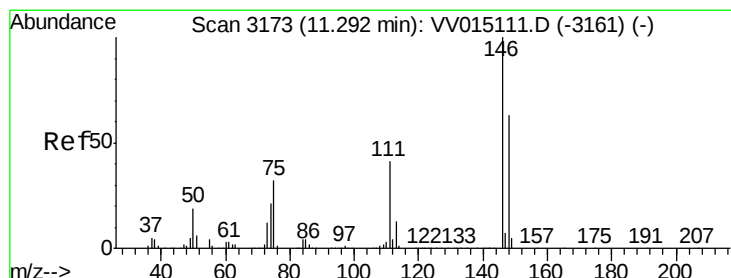
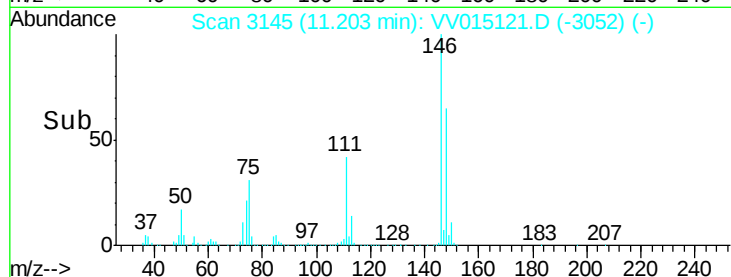
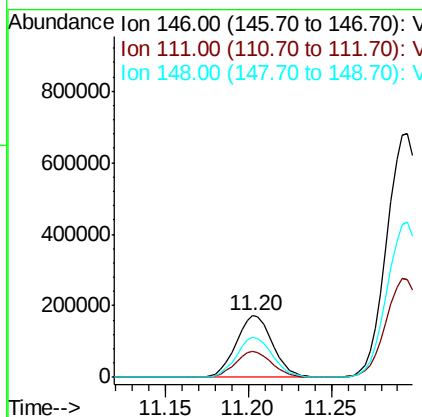
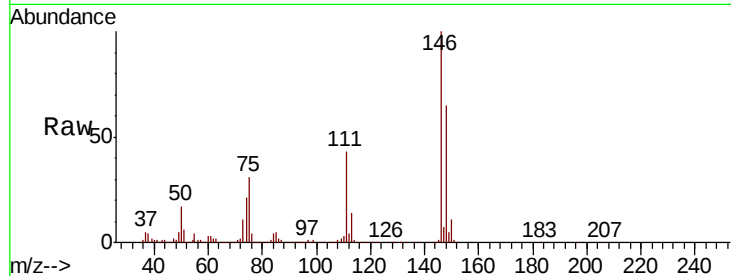
ClientSampled :

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Tot Ion:	146	Resp:	264515
Ion Ratio	Lower	Upper	
146	100		
111	42.6	29.7	55.1
148	64.9	45.3	84.1

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#63

1,4-Dichlorobenzene

Concen: 89.353 ug/L

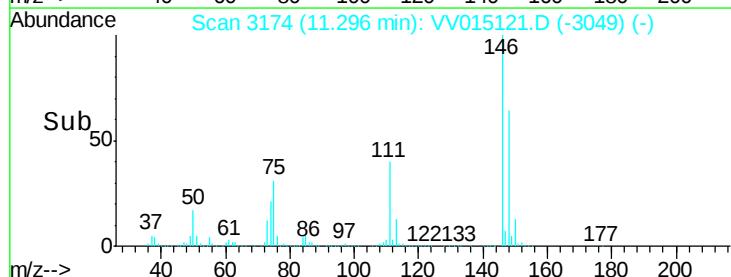
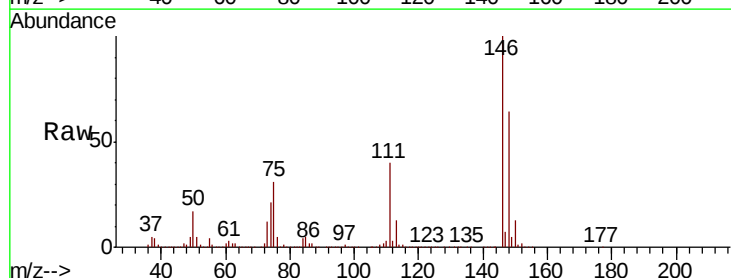
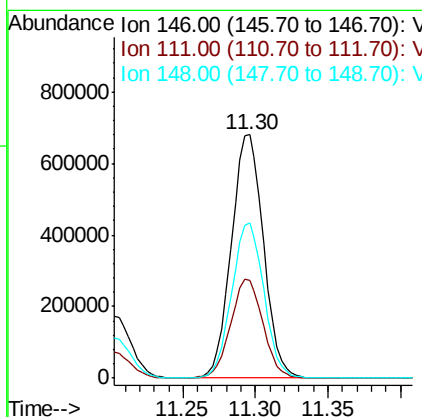
RT: 11.30 min Scan# 3174

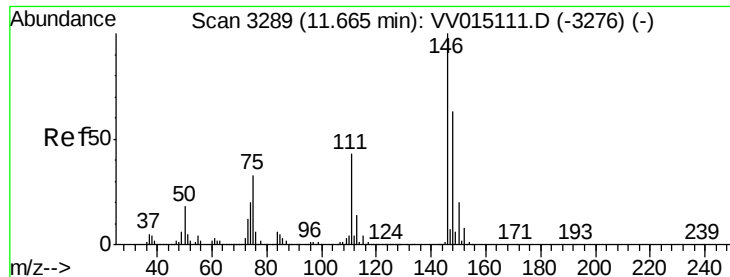
Delta R.T. 0.00 min

Lab File: VV015121.D

Acq: 24 Mar 2020 14:12

Tgt Ion:	146	Resp:	1041823
Ion Ratio	Lower	Upper	
146	100		
111	40.0	28.2	52.4
148	63.5	44.9	83.5





#65

1,2-Dichlorobenzene

Concen: 24.704 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015121.D

Acq: 24 Mar 2020 14:12

Instrument :

MSVOA_V

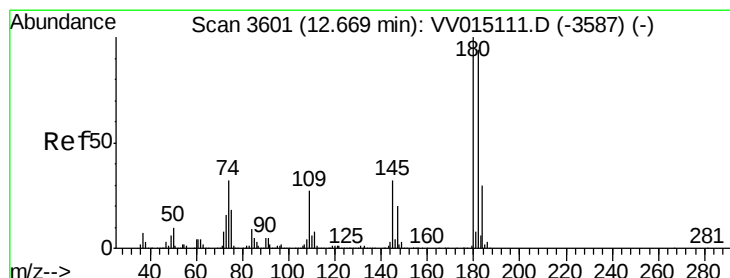
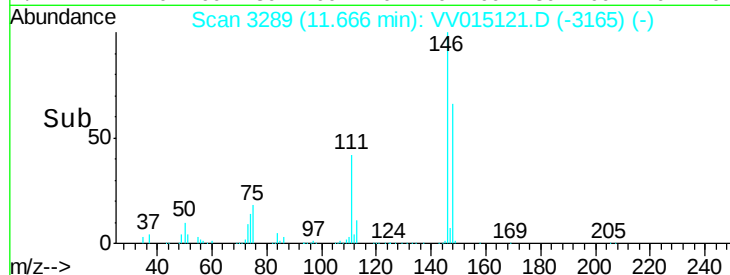
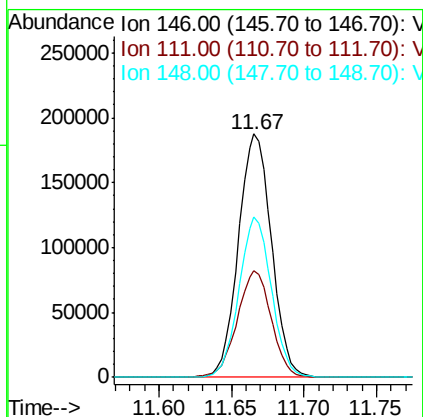
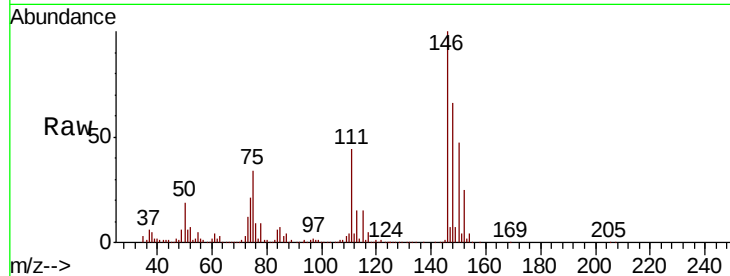
ClientSampled :

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Tot Ion:	146	Resp:	296943
Ion Ratio	Lower	Upper	
146	100		
111	44.0	35.2	52.8
148	65.6	50.6	75.8

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#67

1,3,5-Trichlorobenzene

Concen: 0.501 ug/L m

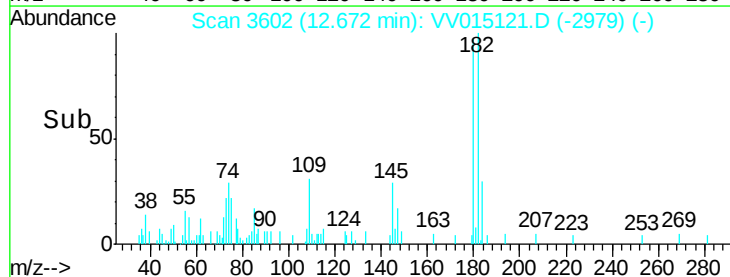
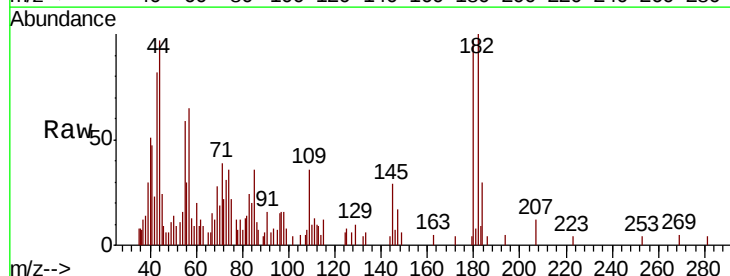
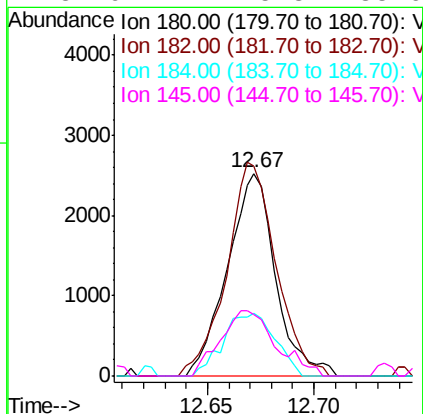
RT: 12.67 min Scan# 3602

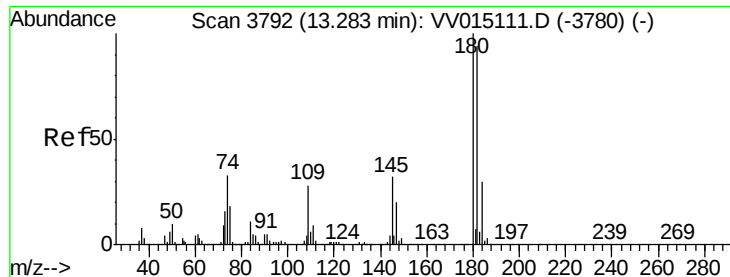
Delta R.T. 0.00 min

Lab File: VV015121.D

Acq: 24 Mar 2020 14:12

Tgt Ion:	180	Resp:	3959
Ion Ratio	Lower	Upper	
180	100		
182	2759.7	75.9	113.9#
184	826.2	23.7	35.5#
145	944.4	25.8	38.6#





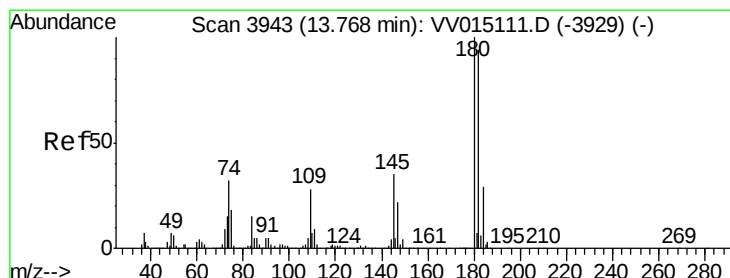
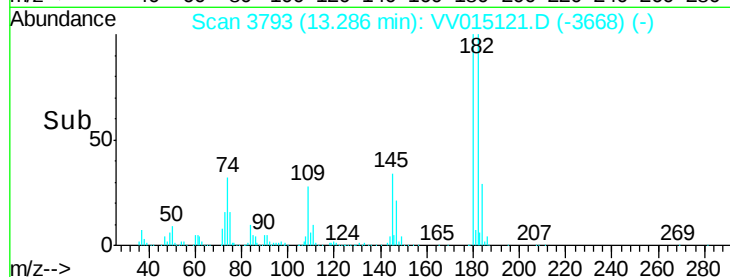
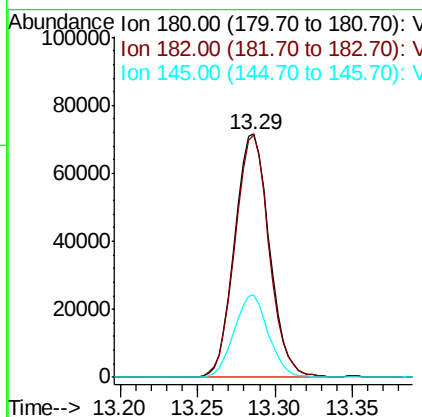
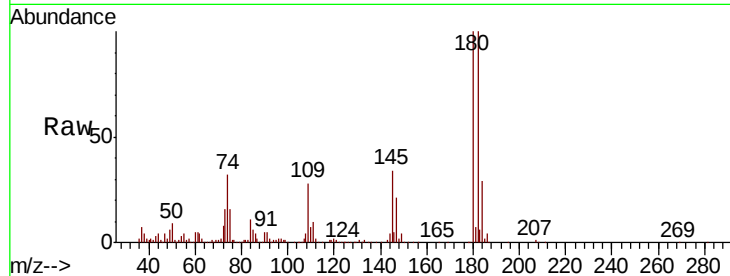
#68
 1,2,4-trichlorobenzene
 Concen: 14.900 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015121.D
 Acq: 24 Mar 2020 14:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD5

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.5	113.3
145	33.4	26.4	39.6

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#70
 1,2,3-Trichlorobenzene
 Concen: 1.316 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015121.D
 Acq: 24 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.6	115.0
145	35.8	27.8	41.6

