

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015157.D
 Acq On : 26 Mar 2020 00:34
 Operator : SY/MD
 Sample : L1968-13 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE5

Manual Integrations
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Quant Time: Apr 06 05:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 02:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	595902	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	579084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	265591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	211293	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.82%
7) Chloroethane-d5	1.58	69	204337	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.54%
11) 1,1-Dichloroethene-d2	2.12	63	348424	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	3.94	46	296678	90.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.74%
24) Chloroform-d	4.38	84	373871	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.06	65	252130	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.08	84	761987	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
36) 1,2-Dichloropropane-d6	6.10	67	243042	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.74%
41) Toluene-d8	7.34	98	726296	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.64	79	114761	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.08%
47) 2-Hexanone-d5	8.12	63	238864	90.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	351548	45.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	260293m	43.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	52266	7.727	ug/L	97
31) Carbon tetrachloride	4.85	117	8776	1.618	ug/L	97
33) Benzene	5.13	78	1980309	132.888	ug/L	100
51) Chlorobenzene	8.90	112	6824372	635.219	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	205250	26.386	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1627028	205.305	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	2459714	313.409	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	365437	74.041	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	103362	21.074	ug/L	99

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

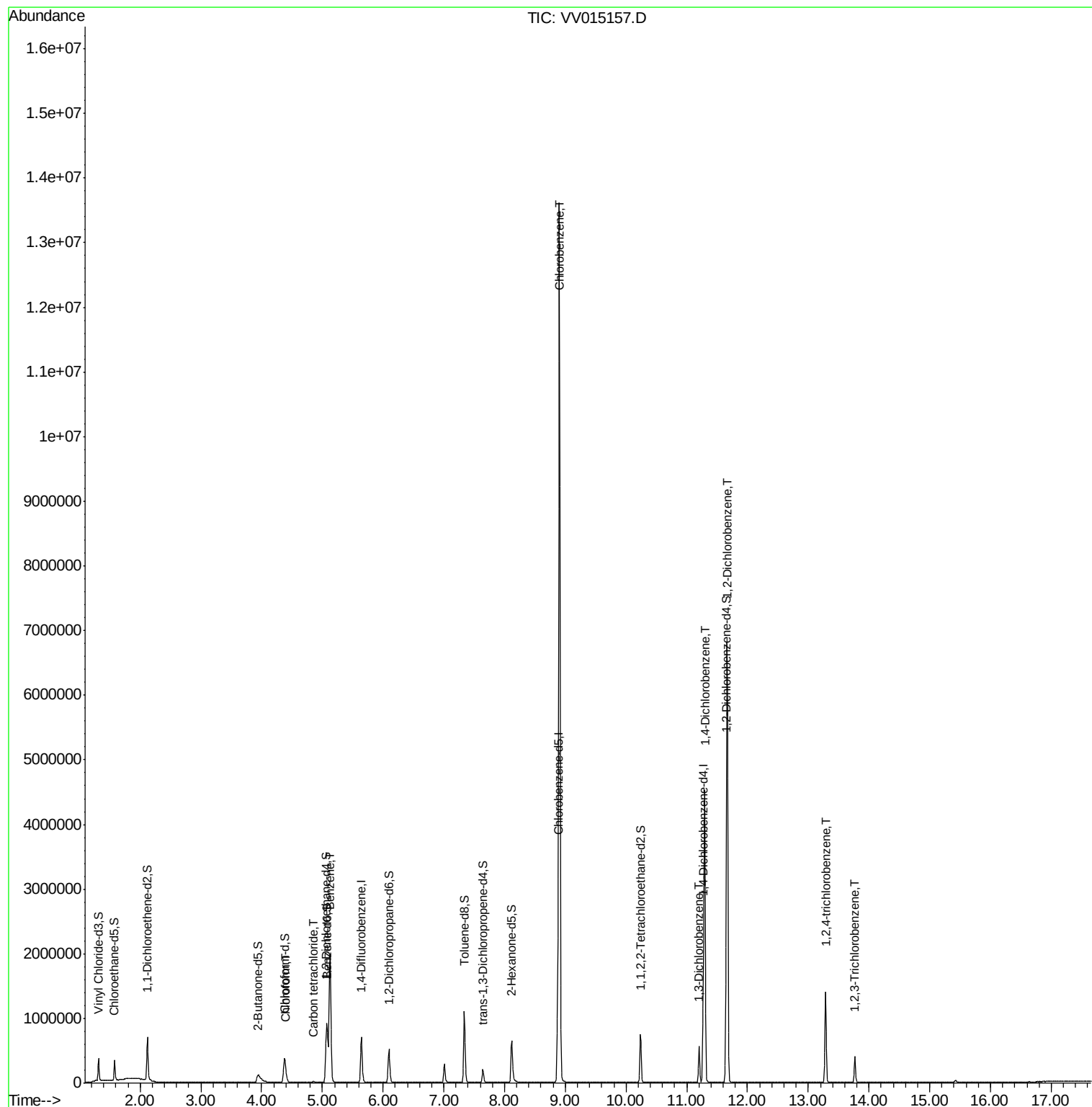
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032520\
Data File : VV015157.D
Acq On : 26 Mar 2020 00:34
Operator : SY/MD
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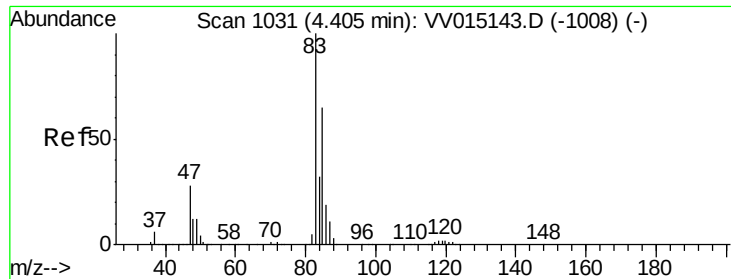
Instrument :
MSVOA_V
ClientSampleId :
CODE5

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Quant Time: Apr 06 05:50:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration





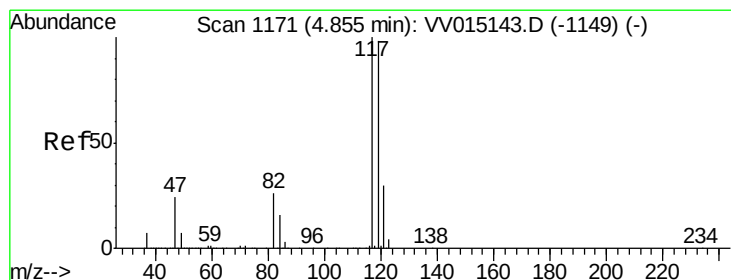
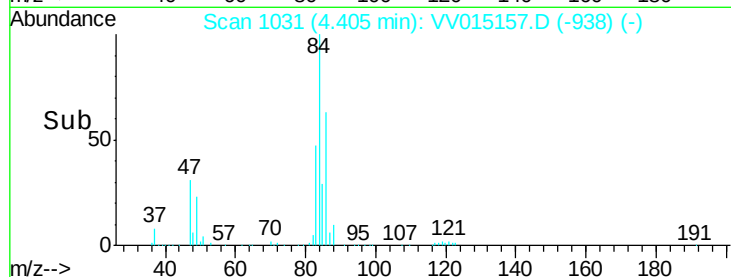
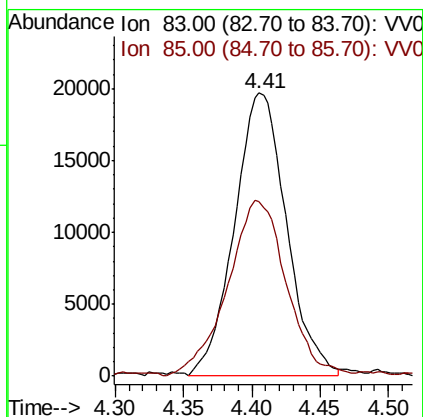
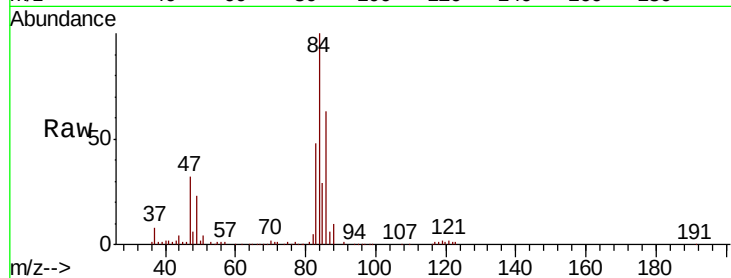
#25
Chloroform
Concen: 7.727 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV015157.D
Acq: 26 Mar 2020 00:34

Instrument :
MSVOA_V
ClientSampleId :
CODE5

Tot Ion	83	Resp	52266
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	44.8	83.2

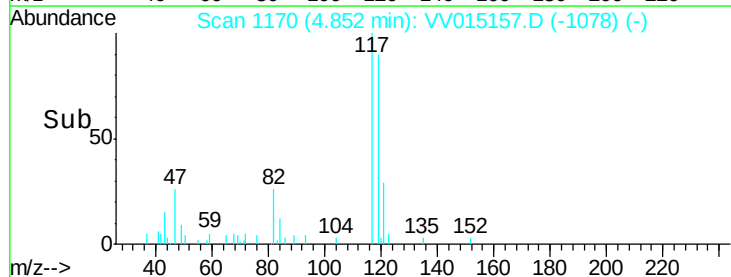
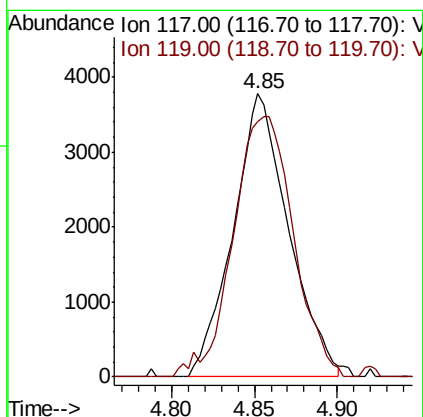
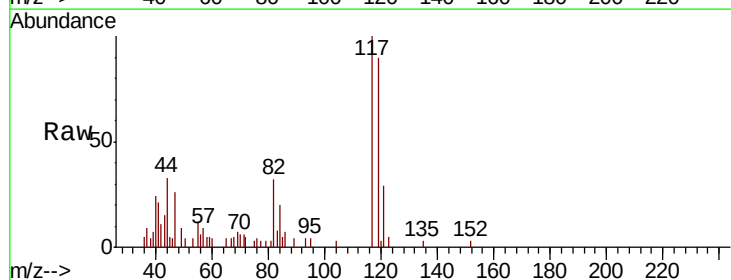
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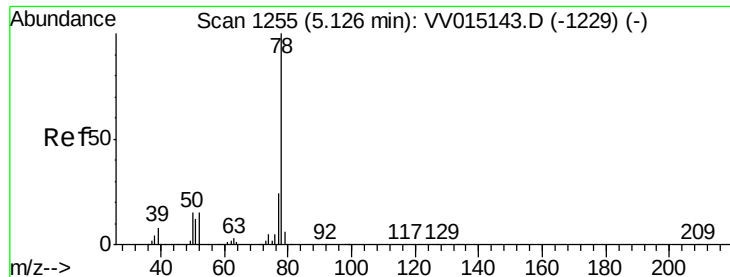
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#31
Carbon tetrachloride
Concen: 1.618 ug/L
RT: 4.85 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VV015157.D
Acq: 26 Mar 2020 00:34

Tgt Ion	117	Resp	8776
Ion Ratio	100	Lower	Upper
117	100		
119	98.1	76.2	114.4





#33

Benzene

Concen: 132.888 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV015157.D

Acq: 26 Mar 2020 00:34

Instrument :

MSVOA_V

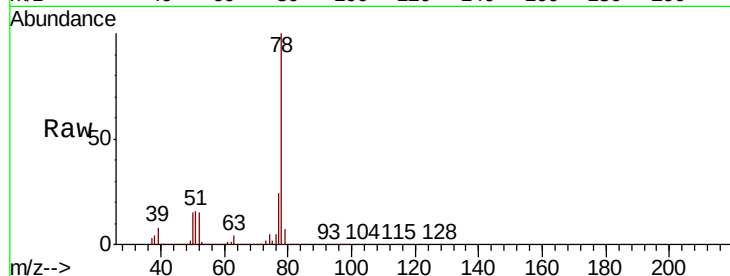
ClientSampled :

CODE5

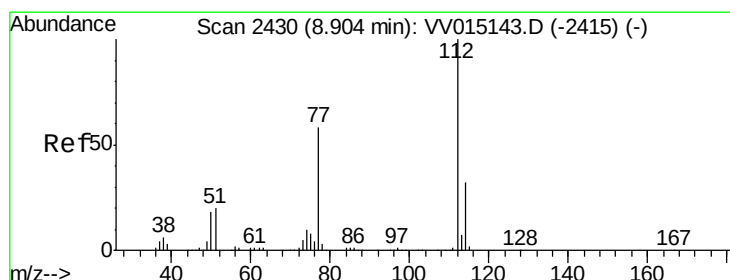
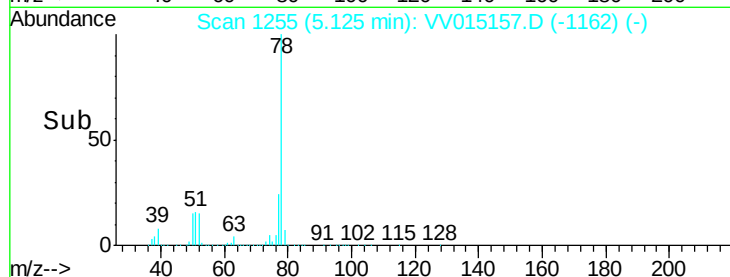
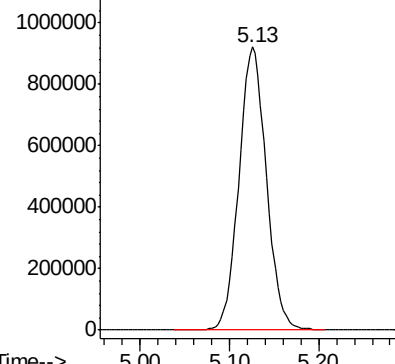
Tgt Ion: 78 Resp: 1980309

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Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 635.219 ug/L

RT: 8.90 min Scan# 2430

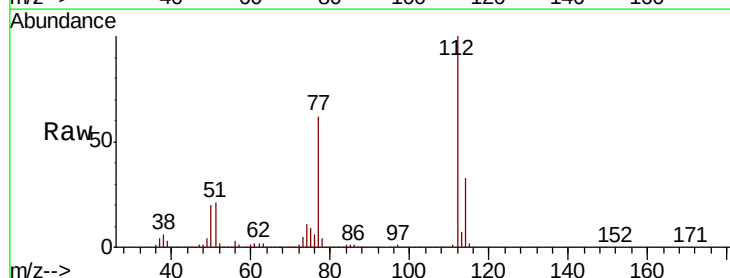
Delta R.T. -0.00 min

Lab File: VV015157.D

Acq: 26 Mar 2020 00:34

Tgt Ion: 112 Resp: 6824372

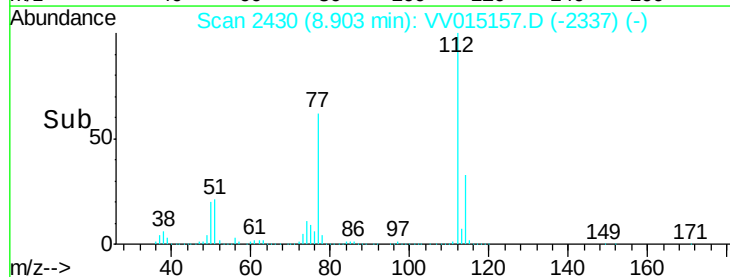
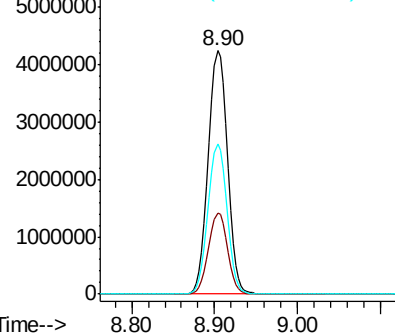
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.0	40.8
77	61.5	47.2	70.8

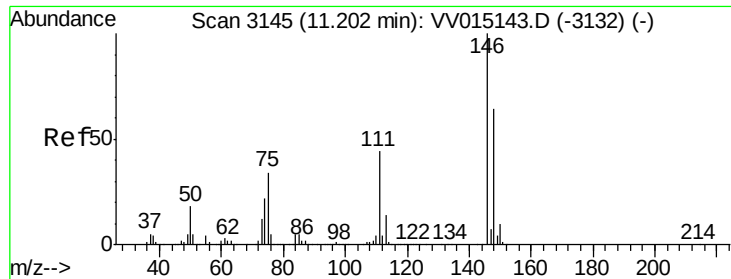


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 26.386 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV015157.D

Acq: 26 Mar 2020 00:34

Instrument :

MSVOA_V

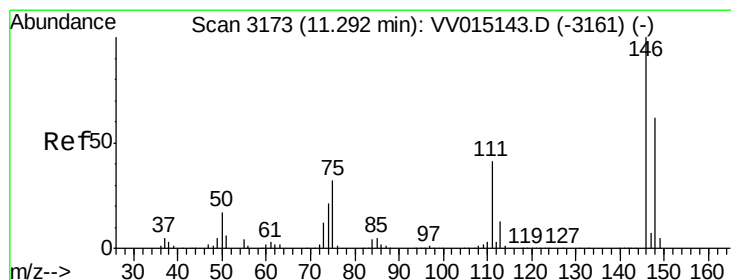
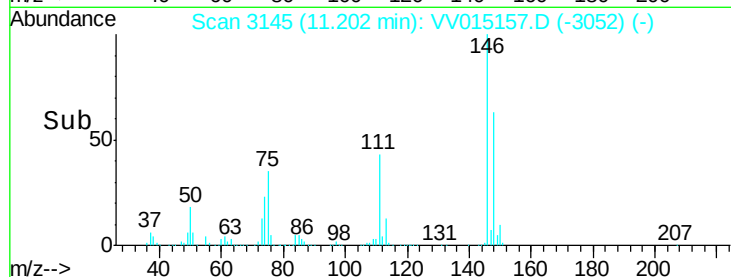
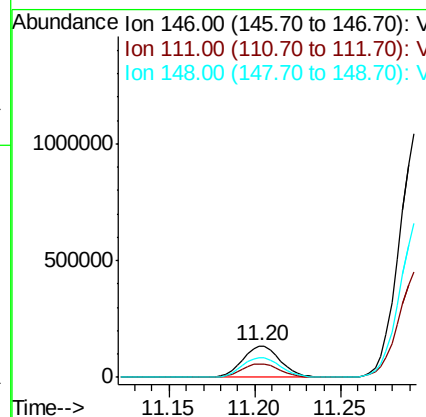
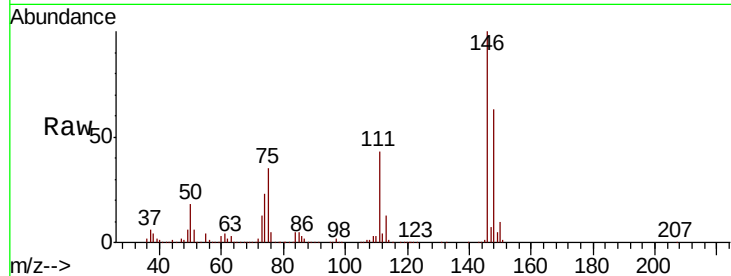
ClientSampled :

C0DE5

Tot Ion:	146	Resp:	205250
Ion Ratio	Lower	Upper	
146	100		
111	43.0	29.3	54.5
148	63.1	44.7	82.9

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#63

1,4-Dichlorobenzene

Concen: 205.305 ug/L

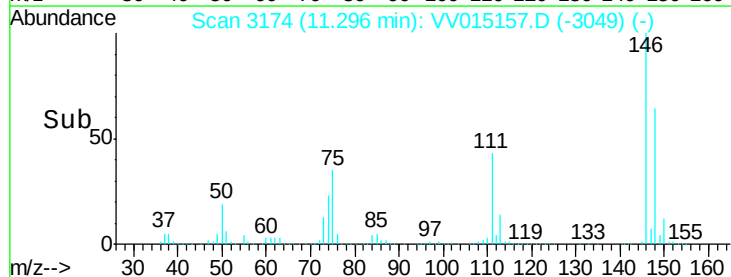
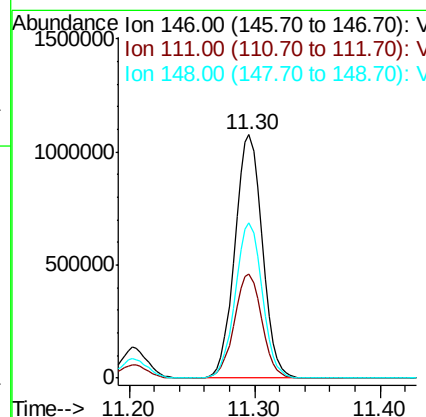
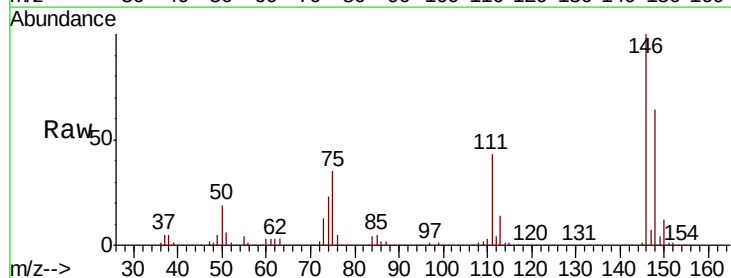
RT: 11.30 min Scan# 3174

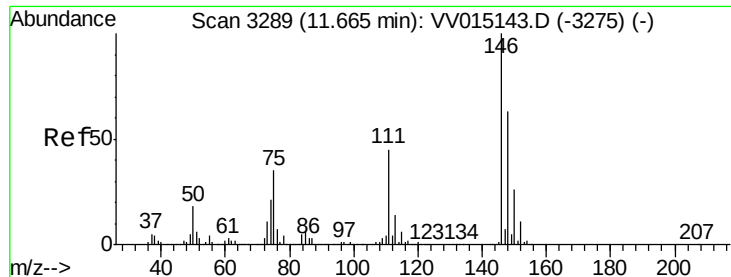
Delta R.T. 0.00 min

Lab File: VV015157.D

Acq: 26 Mar 2020 00:34

Tgt Ion:	146	Resp:	1627028
Ion Ratio	Lower	Upper	
146	100		
111	42.7	28.4	52.8
148	63.8	44.0	81.8





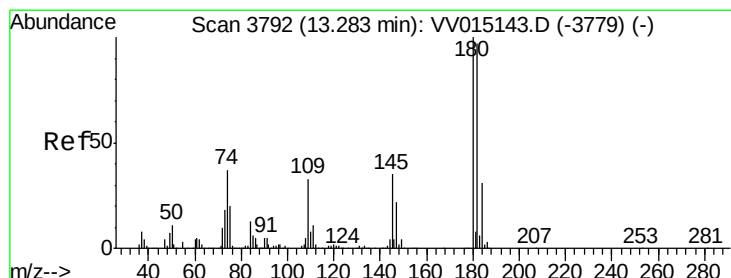
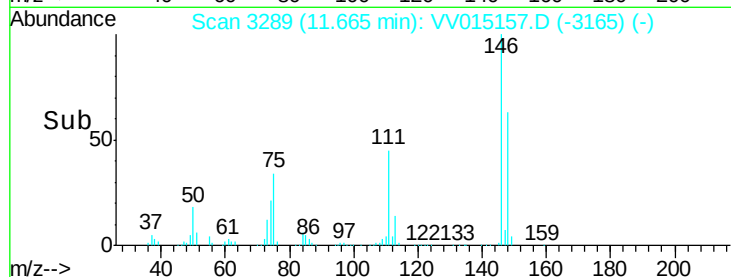
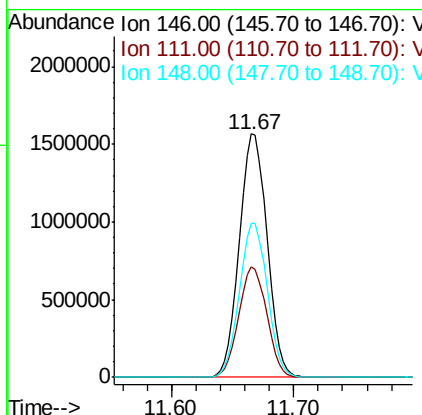
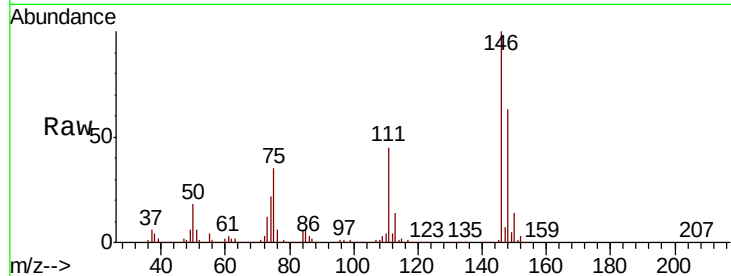
#65
 1,2-Dichlorobenzene
 Concen: 313.409 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015157.D
 Acq: 26 Mar 2020 00:34

Instrument :
 MSVOA_V
 ClientSampled :
 CODE5

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	35.4	53.2
148	63.3	49.7	74.5

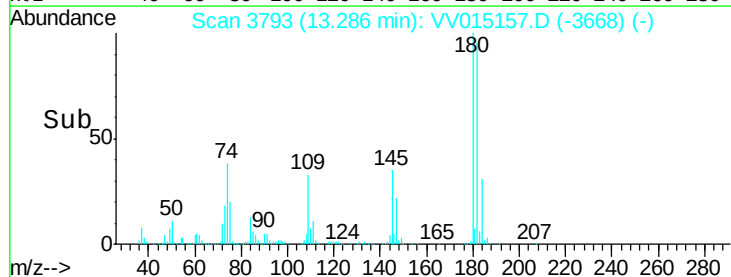
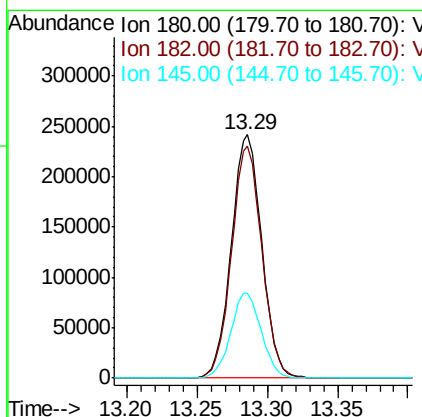
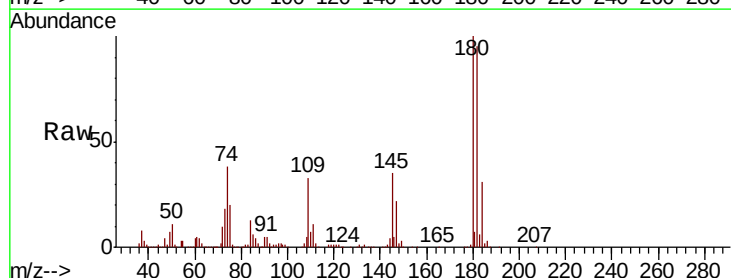
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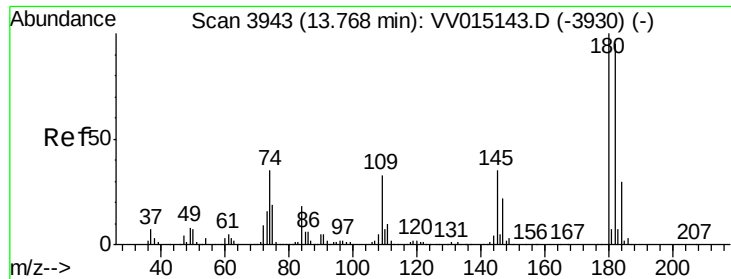
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#68
 1,2,4-trichlorobenzene
 Concen: 74.041 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015157.D
 Acq: 26 Mar 2020 00:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.1	114.1
145	35.0	26.6	40.0





#70
 1,2,3-Trichlorobenzene
 Concen: 21.074 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015157.D
 Acq: 26 Mar 2020 00:34

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion:	180	Resp:	103362
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.3	114.5
145	36.9	29.6	44.4

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