

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015348.D
 Acq On : 01 Apr 2020 22:40
 Operator : SY/MD
 Sample : L2003-01DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EKODL

Manual Integrations
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Quant Time: Apr 02 06:26:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 03:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	734773	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	710990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	342828	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	174201	26.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.88%#
7) Chloroethane-d5	1.58	69	173031	30.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.48%#
11) 1,1-Dichloroethene-d2	2.12	63	282927	24.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.06%#
21) 2-Butanone-d5	3.94	46	312263	89.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.17%
24) Chloroform-d	4.38	84	389260	35.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.58%
26) 1,2-Dichloroethane-d4	5.06	65	254895	37.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.24%
32) Benzene-d6	5.08	84	786013	35.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.80%
36) 1,2-Dichloropropane-d6	6.09	67	242391	37.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.10%
41) Toluene-d8	7.34	98	762761	36.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.86%#
43) trans-1,3-Dichloropropene-	7.64	79	110975	31.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.22%
47) 2-Hexanone-d5	8.12	63	242263	82.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	373847	40.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	315518m	40.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.92%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	31508	3.181 ug/L	99
31) Carbon tetrachloride	4.86	117	8353	1.069 ug/L	100
33) Benzene	5.13	78	1741983	82.778 ug/L	100
51) Chlorobenzene	8.90	112	7399972	482.768 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	365301	31.651 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	2647565	226.185 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	3472574	294.992 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	433586	62.059 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	120117	16.690 ug/L	97

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

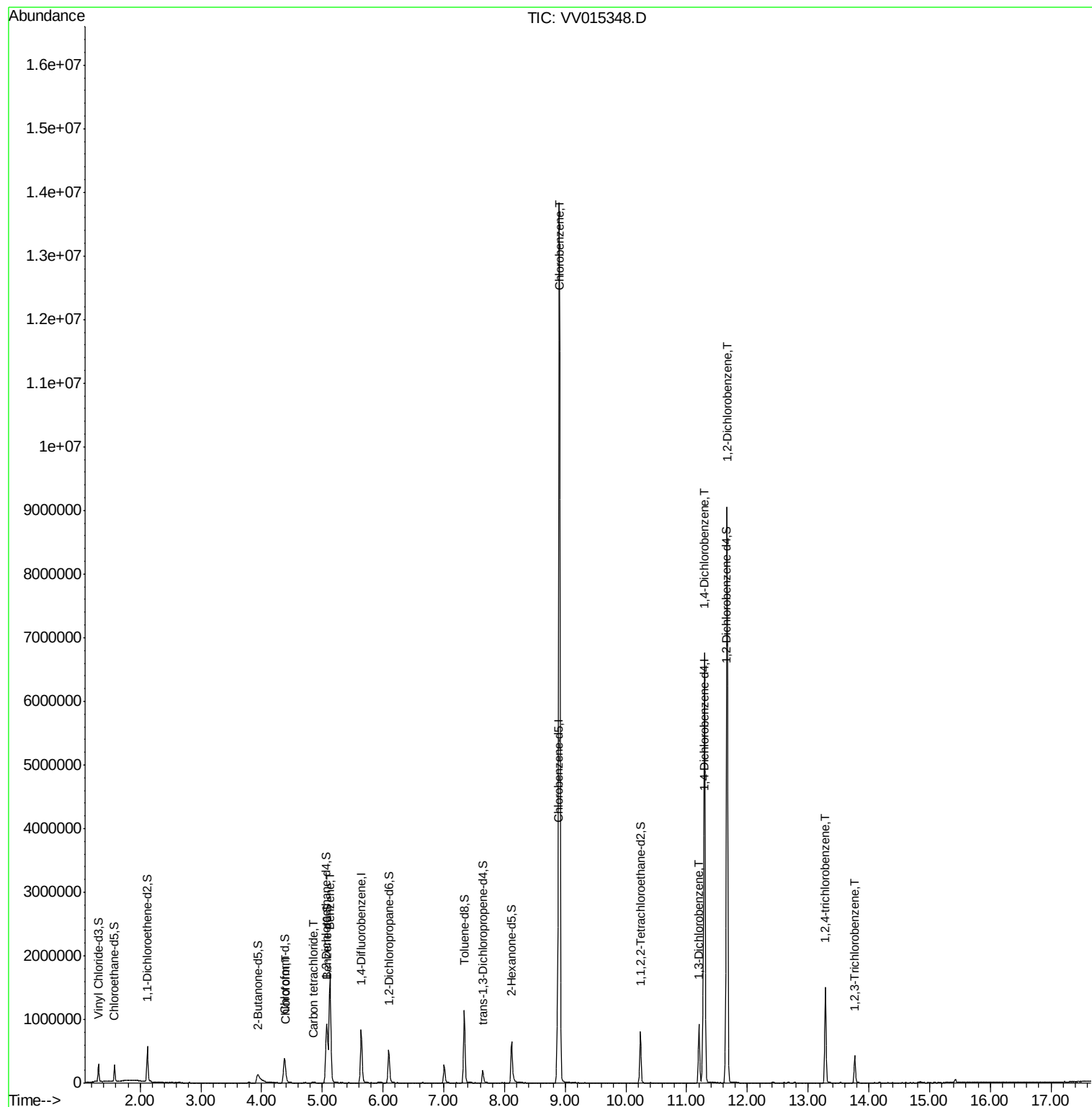
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040120\
Data File : VV015348.D
Acq On : 01 Apr 2020 22:40
Operator : SY/MD
Sample : L2003-01DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

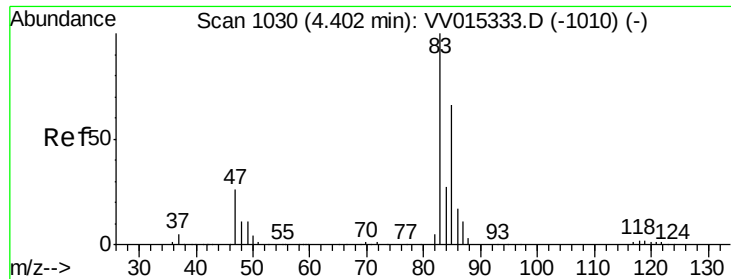
Instrument :
MSVOA_V
ClientSampleId :
C0EK0DL

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Quant Time: Apr 02 06:26:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 03:22:54 2020
Response via : Initial Calibration





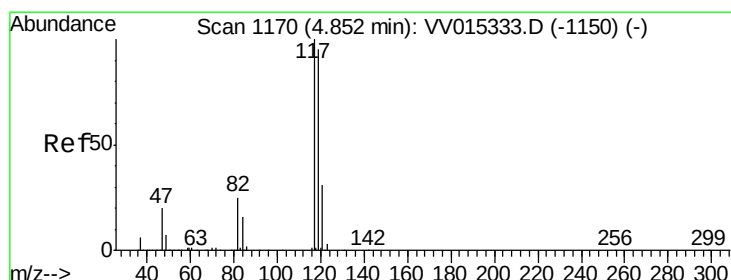
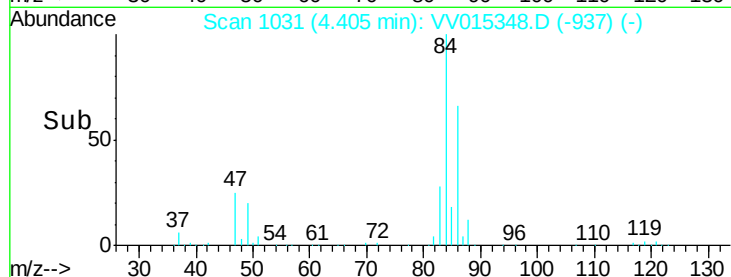
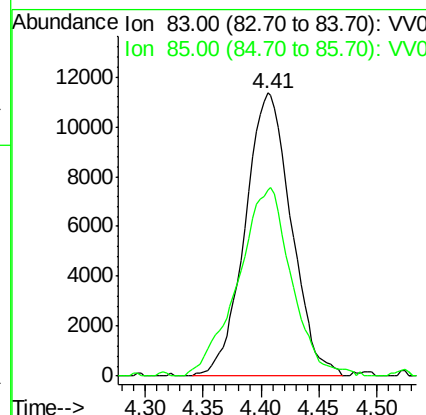
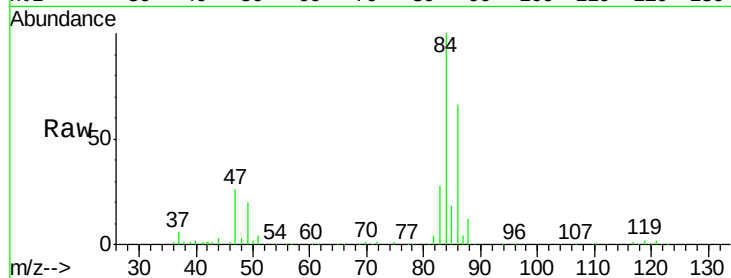
#25
Chloroform
Concen: 3.181 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

Instrument :
MSVOA_V
ClientSampleId :
C0EK0DL

Tot Ion	83	Resp	31508
Ion Ratio	100	Lower	Upper
85	65.7	45.1	83.9

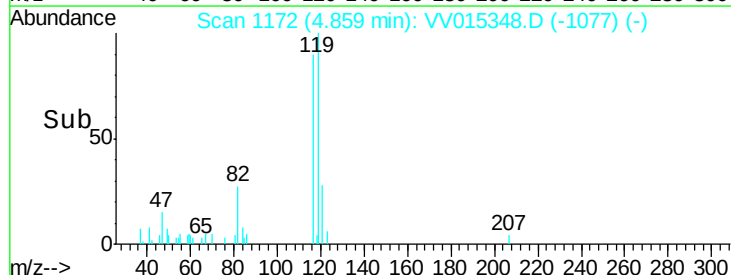
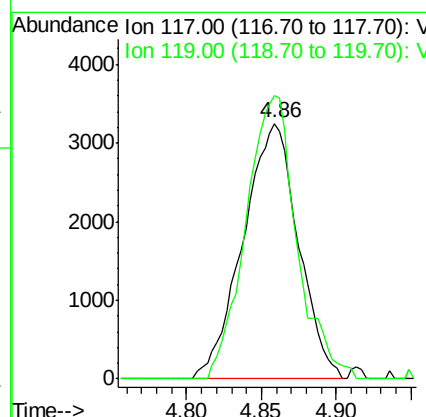
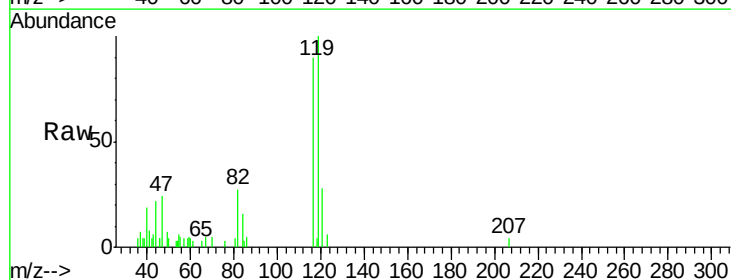
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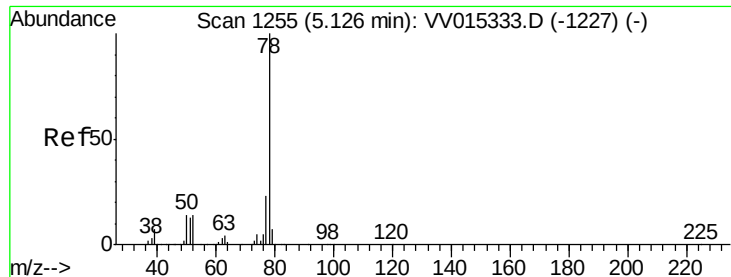
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#31
Carbon tetrachloride
Concen: 1.069 ug/L
RT: 4.86 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

Tgt Ion	117	Resp	8353
Ion Ratio	100	Lower	Upper
119	96.1	76.8	115.2





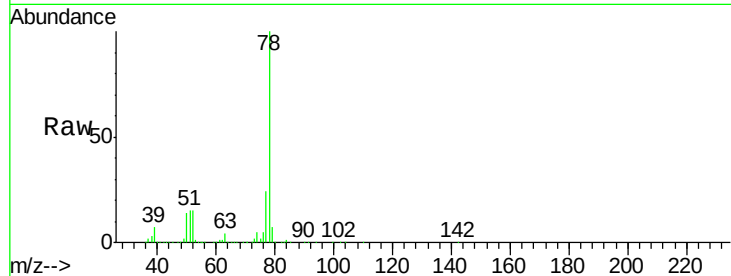
#33
Benzene
Concen: 82.778 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

Instrument :
MSVOA_V
ClientSampleId :
C0EK0DL

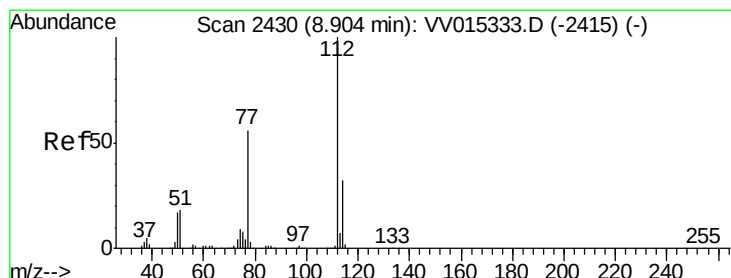
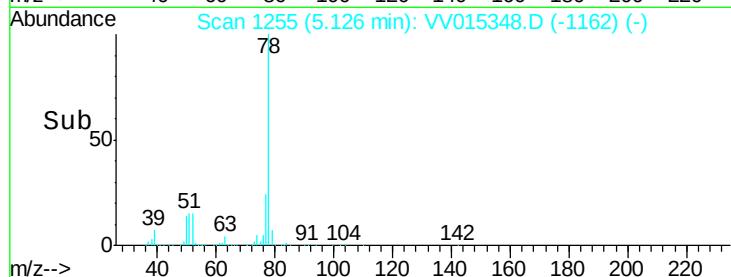
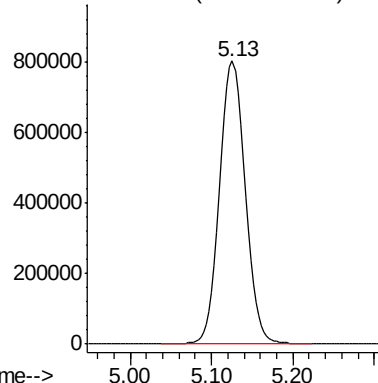
Tgt Ion: 78 Resp: 1741983

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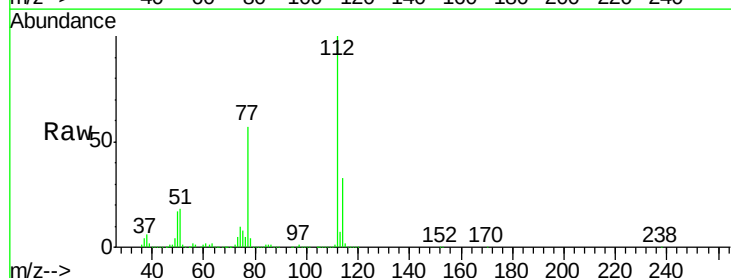
Abundance Ion 78.00 (77.70 to 78.70): VV0



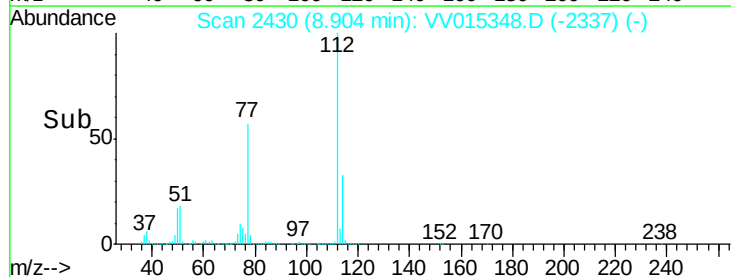
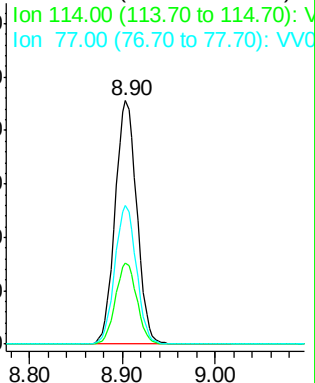
#51
Chlorobenzene
Concen: 482.768 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015348.D
Acq: 01 Apr 2020 22:40

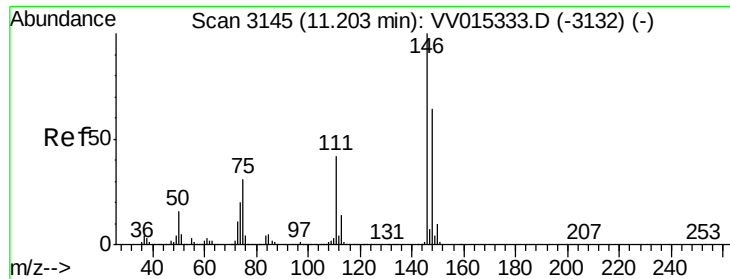
Tgt Ion: 112 Resp: 7399972

Ion	Ratio	Lower	Upper
112	100		
114	33.4	21.8	40.4
77	57.0	46.2	69.2



Abundance Ion 112.00 (111.70 to 112.70): V





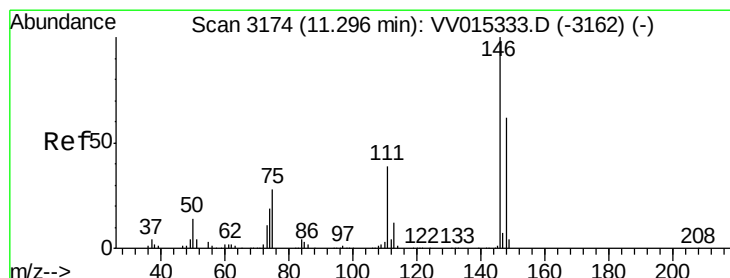
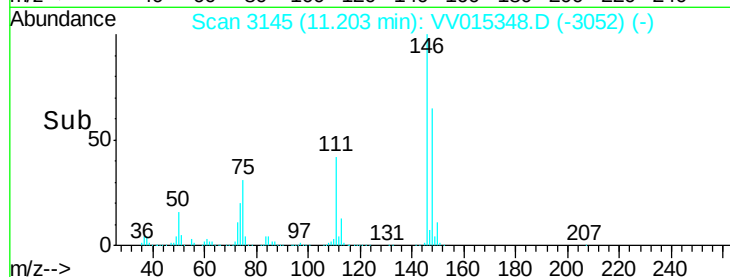
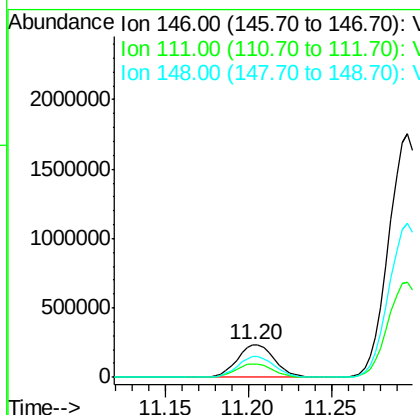
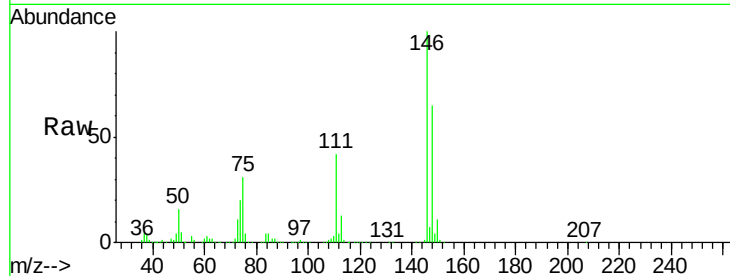
#62
 1,3-Dichlorobenzene
 Concen: 31.651 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK0DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	30.2	56.2
148	64.7	44.7	83.1

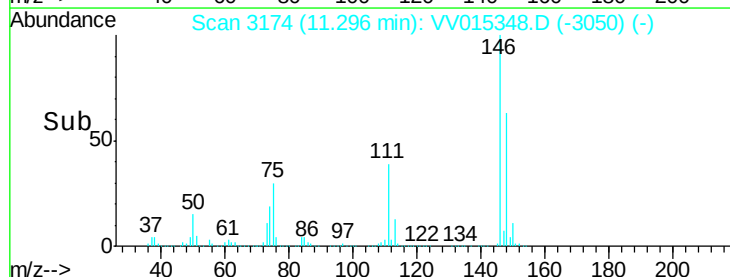
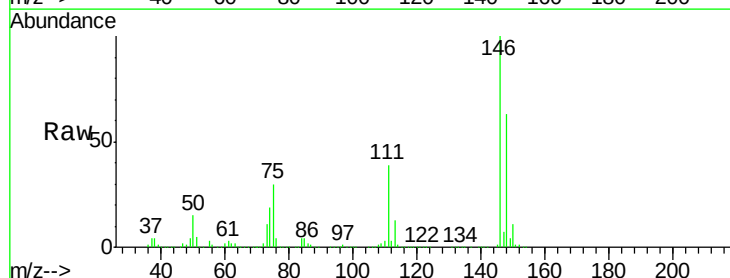
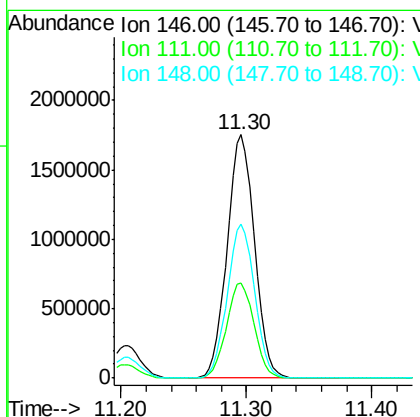
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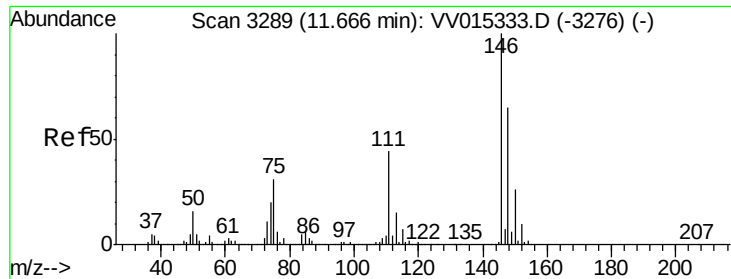
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#63
 1,4-Dichlorobenzene
 Concen: 226.185 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	29.3	54.5
148	63.3	44.7	82.9





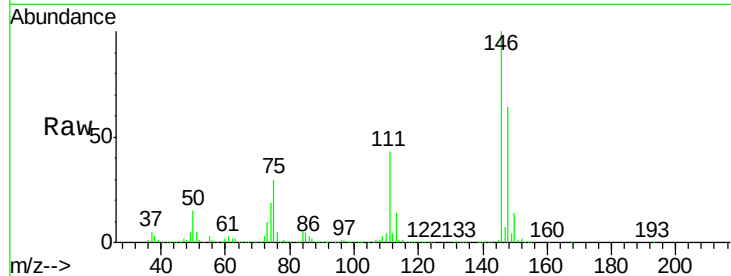
#65
 1,2-Dichlorobenzene
 Concen: 294.992 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK0DL

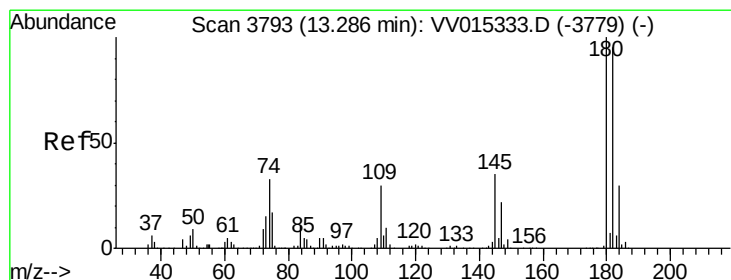
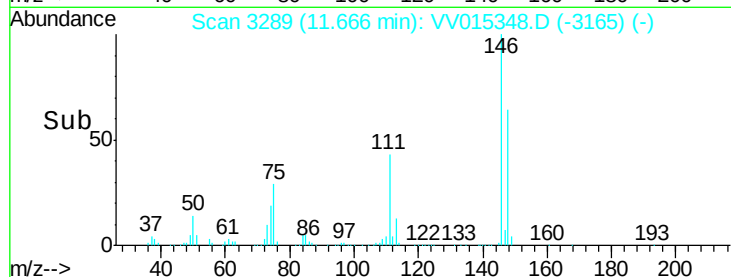
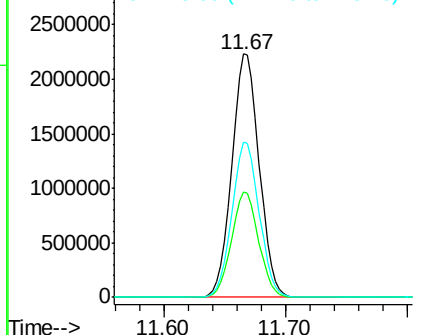
Tot Ion:146 Resp: 3472574
 Ion Ratio Lower Upper
 146 100
 111 43.1 35.1 52.7
 148 63.8 51.0 76.4

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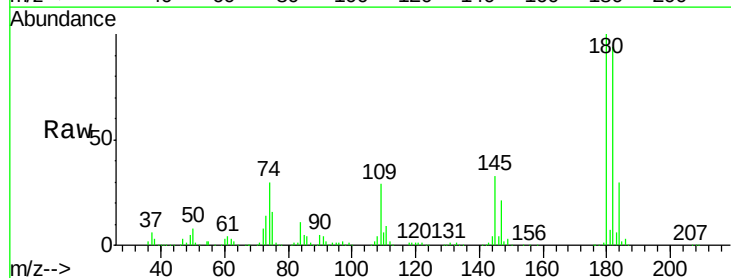


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

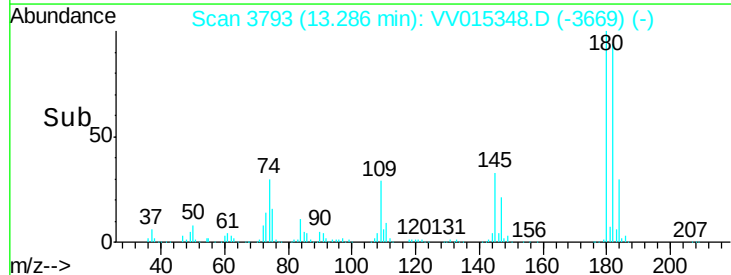
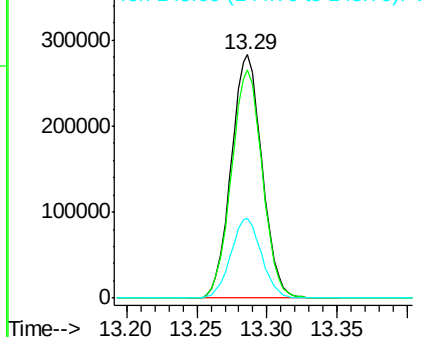


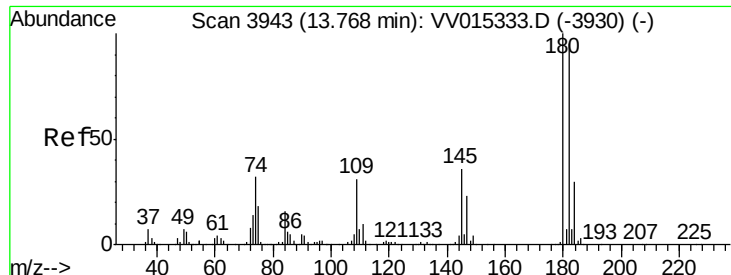
#68
 1,2,4-trichlorobenzene
 Concen: 62.059 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Tgt Ion:180 Resp: 433586
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.8 113.8
 145 32.6 27.7 41.5



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





#70
 1,2,3-Trichlorobenzene
 Concen: 16.690 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015348.D
 Acq: 01 Apr 2020 22:40

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
180	100	120117		
182	98.0		76.1	114.1
145	34.3		28.2	42.4

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