

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013240.D
 Acq On : 19 Oct 2019 08:12
 Operator : SY/MD
 Sample : K5404-09
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

Quant Time: Nov 01 04:02:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	469759	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	515183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	283845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221897	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	180468	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	264859	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	523150	52.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.42%
24) Chloroform-d	4.40	84	432996	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.08	65	212830	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	891023	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	270539	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	730952	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.66	79	90036	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	357295	42.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	190949	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	296268	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

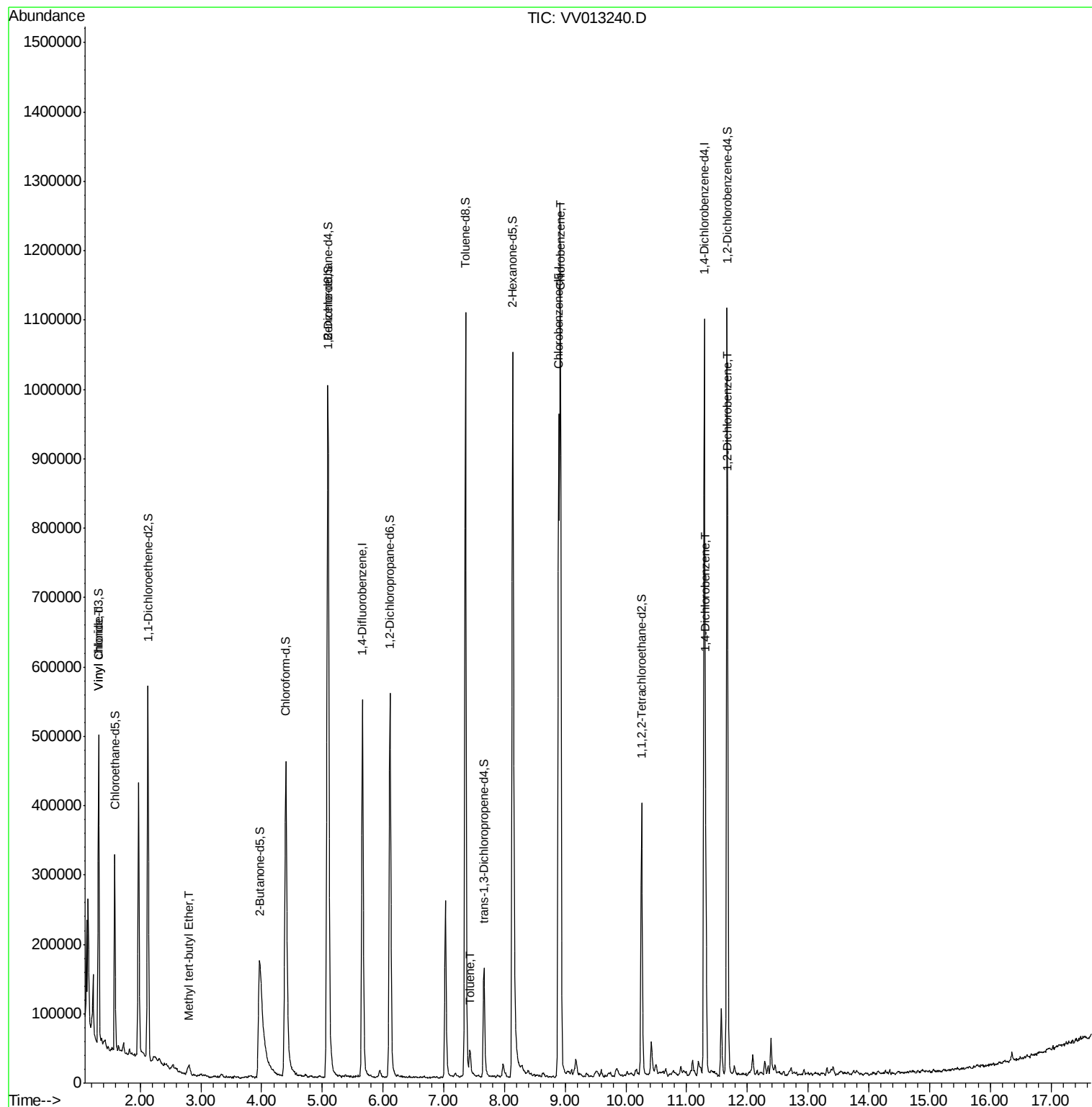
					Qvalue
5) Vinyl chloride	1.32	62	20621	0.417 ug/L #	59
17) Methyl tert-butyl Ether	2.81	73	11368	0.112 ug/L #	92
42) Toluene	7.43	91	27010	0.127 ug/L	98
51) Chlorobenzene	8.92	112	653992	4.770 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	125231	1.237 ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	10780	0.112 ug/L	87

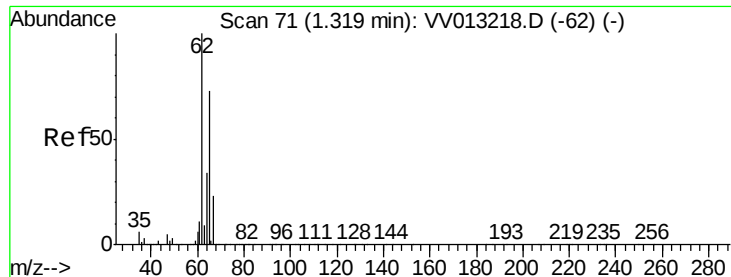
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.417 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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ClientSampleId :

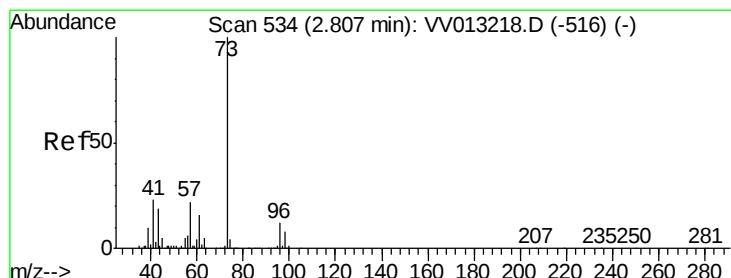
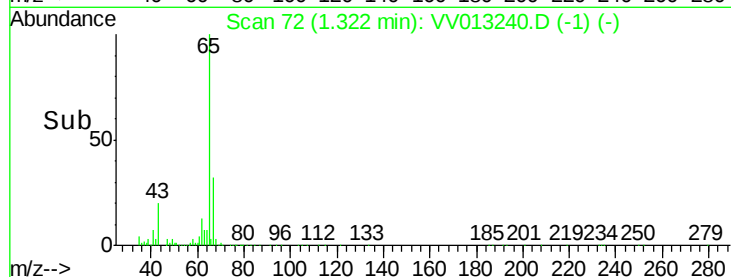
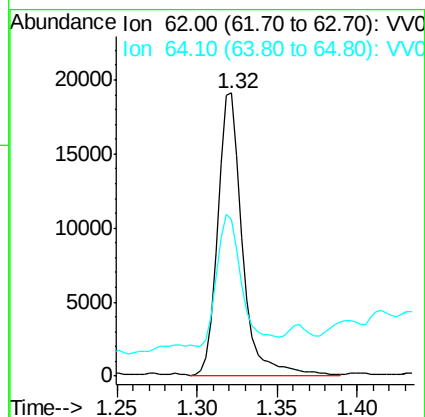
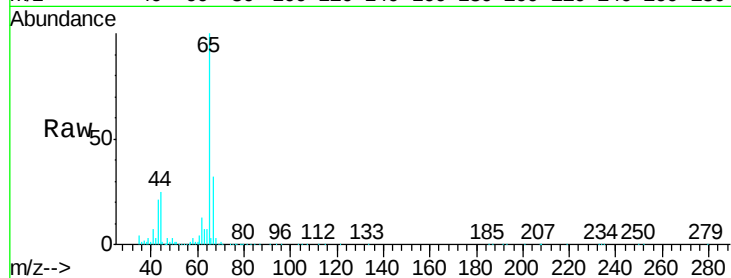
C0AC1

Tgt Ion: 62 Resp: 20621

Ion Ratio Lower Upper

62 100

64 55.5 22.7 42.3#



#17

Methyl tert-butyl Ether

Concen: 0.112 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013240.D

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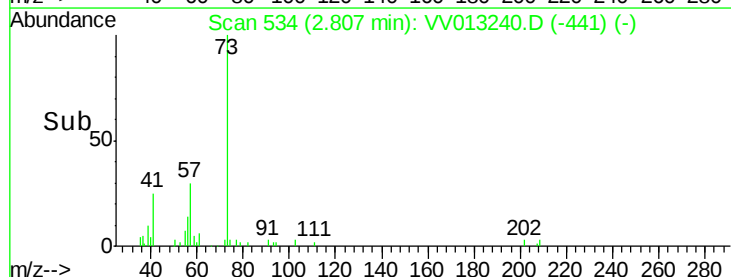
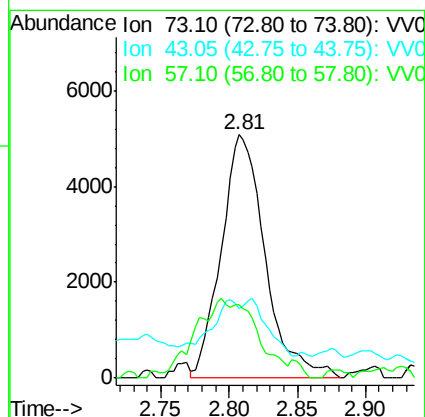
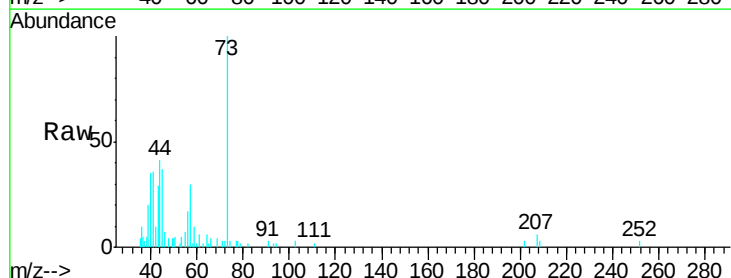
Tgt Ion: 73 Resp: 11368

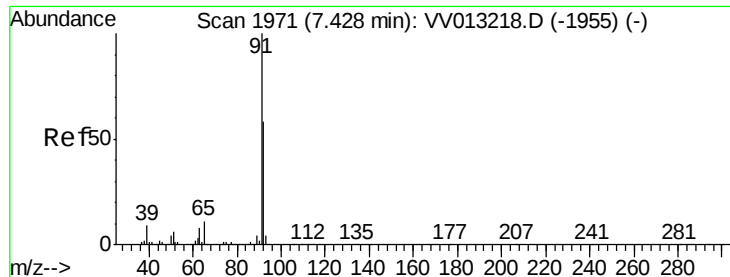
Ion Ratio Lower Upper

73 100

43 11.5 14.6 22.0#

57 22.9 17.8 26.8





#42

Toluene

Concen: 0.127 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

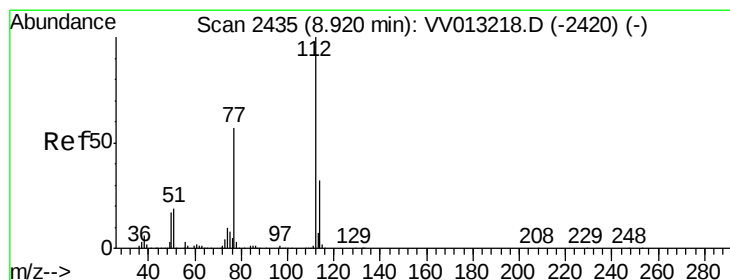
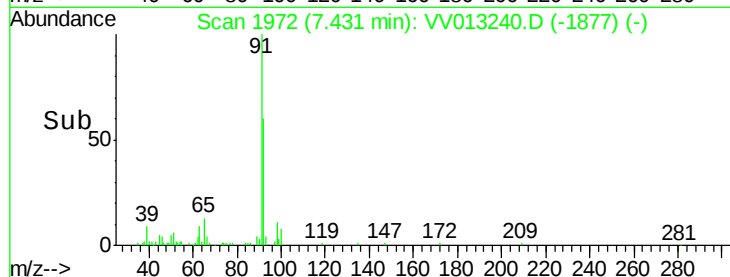
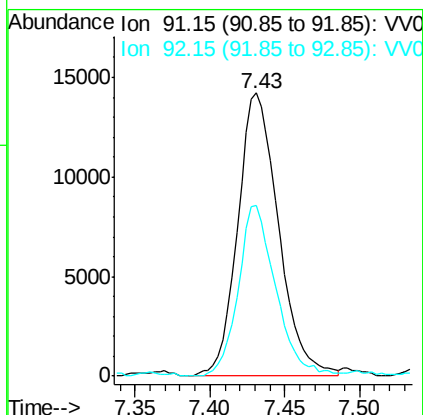
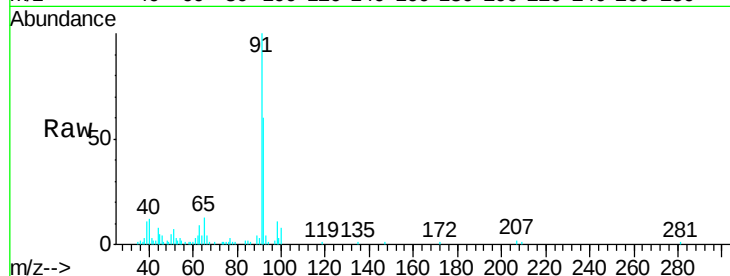
C0AC1

Tgt Ion: 91 Resp: 27010

Ion Ratio Lower Upper

91 100

92 60.2 41.2 76.4



#51

Chlorobenzene

Concen: 4.770 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VV013240.D

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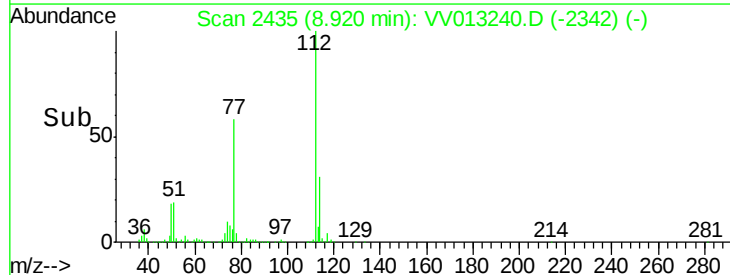
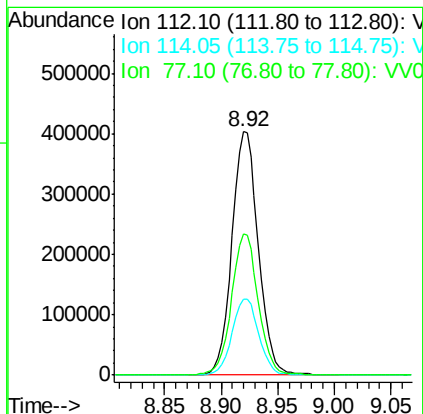
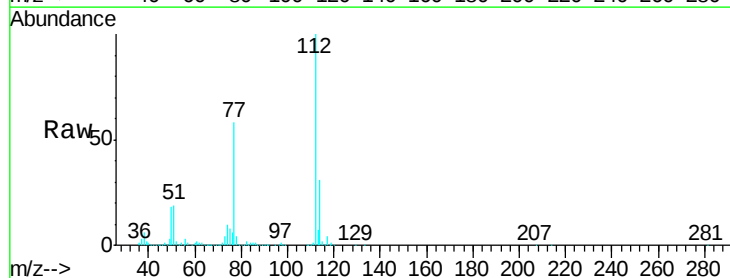
Tgt Ion: 112 Resp: 653992

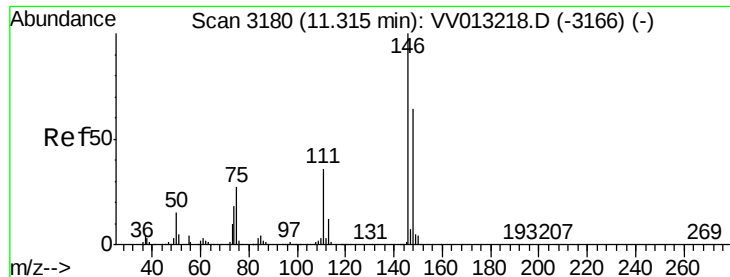
Ion Ratio Lower Upper

112 100

114 31.3 22.6 42.0

77 58.1 47.5 71.3

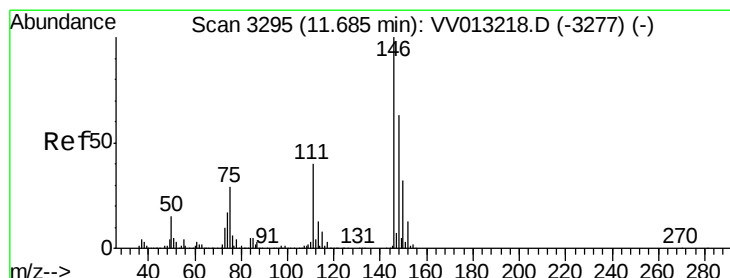
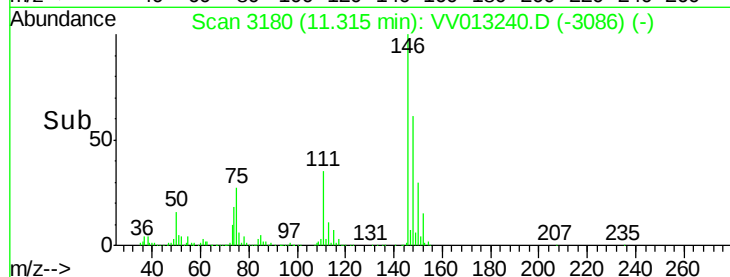
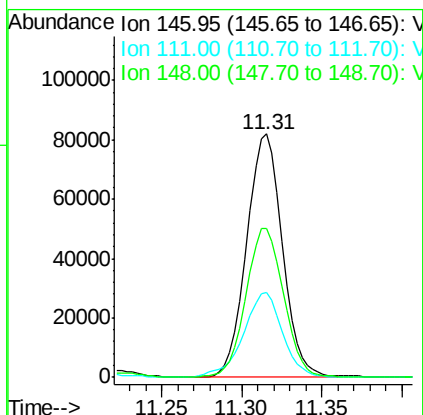
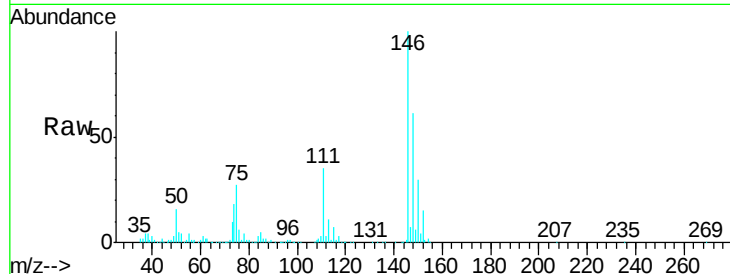




#63
 1,4-Dichlorobenzene
 Concen: 1.237 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013240.D
 Acq: 19 Oct 2019 08:12

Instrument :
 MSVOA_V
 ClientSampled :
 C0AC1

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.1	25.7	47.7
148	61.1	44.4	82.5



#65
 1,2-Dichlorobenzene
 Concen: 0.112 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV013240.D
 Acq: 19 Oct 2019 08:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.4	31.9	47.9
148	75.4	51.4	77.2

