

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX093020\
 Data File : VX018701.D
 Acq On : 30 Sep 2020 16:47
 Operator : JC/SP
 Sample : L4135-01DL2 100X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5DL2

Quant Time: Oct 01 03:52:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	231146	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	221002	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	103666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46955	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.70	69	45022	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.34	63	89354	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.55	46	178545	57.89	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.78%
24) Chloroform-d	5.14	84	139694	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	6.03	65	80743	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	6.04	84	237346	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	7.37	67	76112	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	8.70	98	207610	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
45) trans-1,3-Dichloropropene-	0.00	79	0d	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
48) 2-Hexanone-d5	9.43	63	137114	55.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.76%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59534	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	88624	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

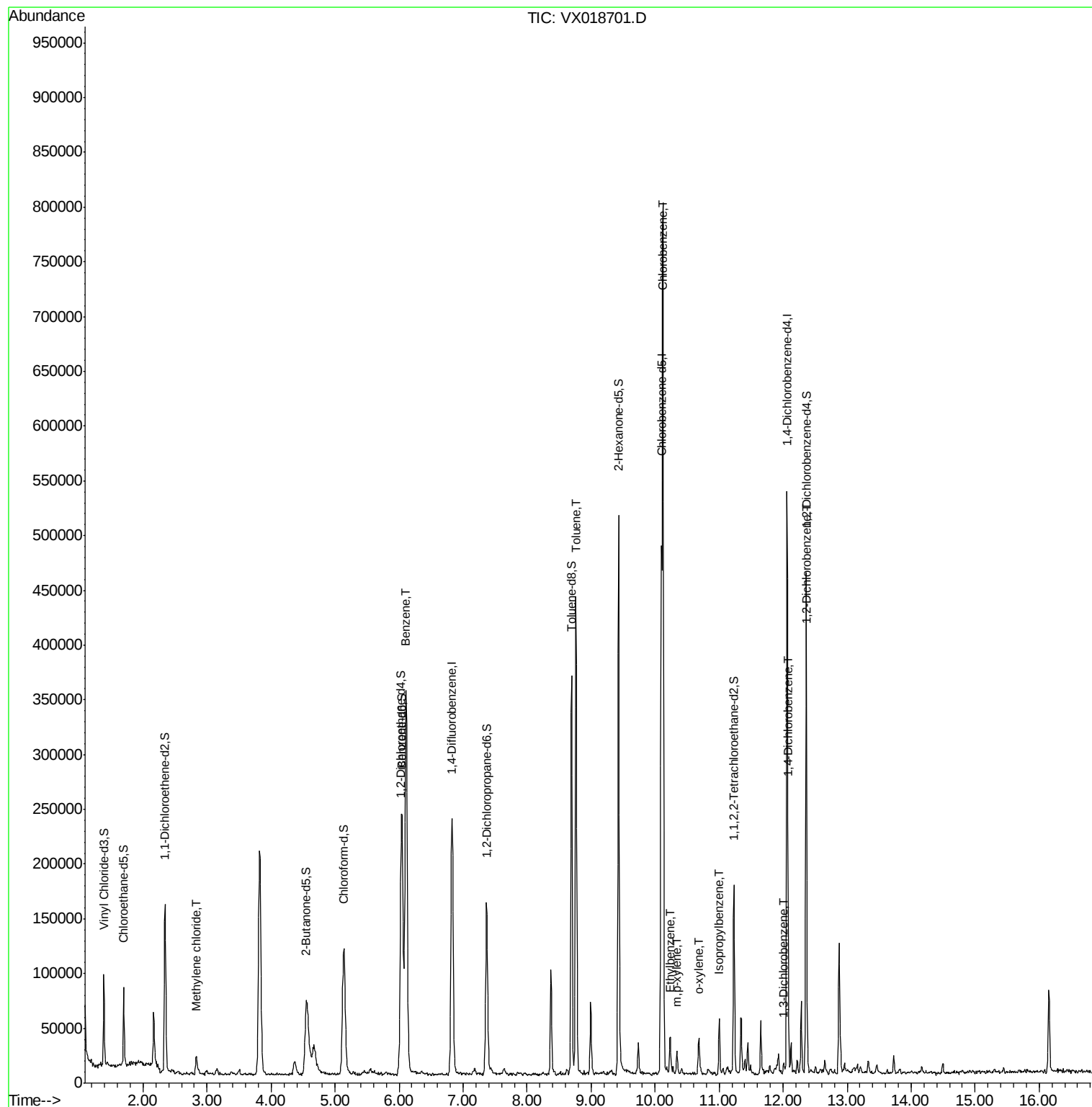
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.83	84	7775	0.504	ug/L	97
33) Benzene	6.11	78	416154	9.767	ug/L	100
42) Toluene	8.76	91	270206	5.871	ug/L	100
53) Chlorobenzene	10.12	112	345798	11.373	ug/L	96
54) Ethylbenzene	10.24	91	18629	0.372	ug/L	100
55) m,p-xylene	10.34	106	4214	0.220	ug/L	83
56) o-xylene	10.68	106	6166	0.340	ug/L	73
58) Isopropylbenzene	11.00	105	24333	0.501	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	3435	0.152	ug/L #	83
64) 1,4-Dichlorobenzene	12.08	146	11484	0.504	ug/L	95
66) 1,2-Dichlorobenzene	12.37	146	5444	0.259	ug/L #	92

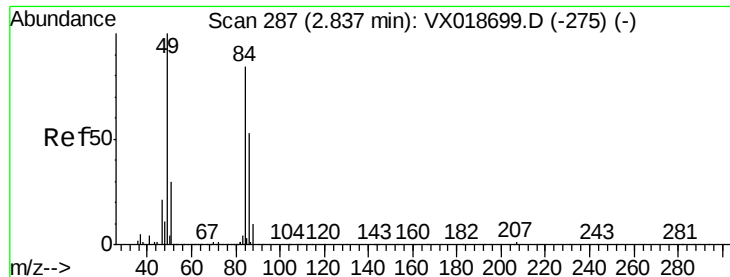
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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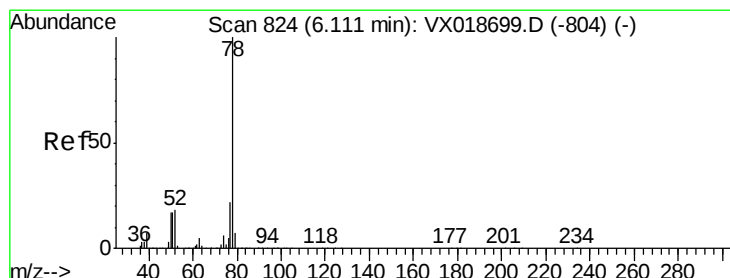
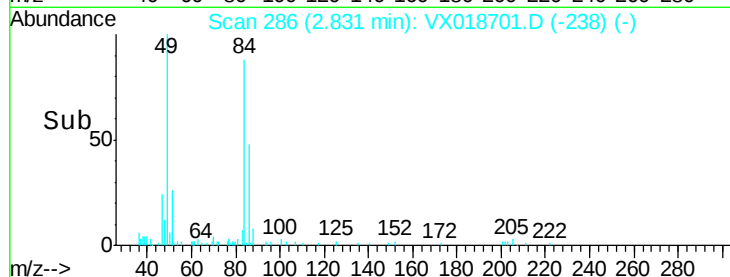
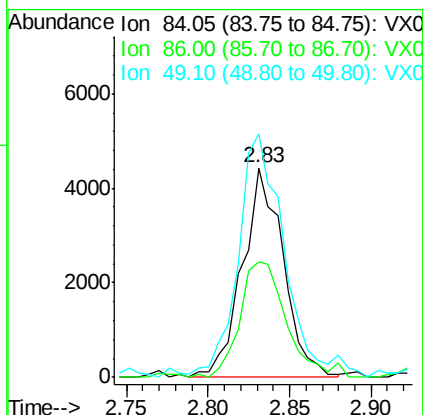
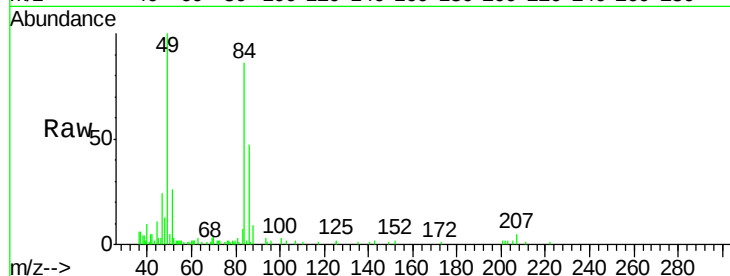




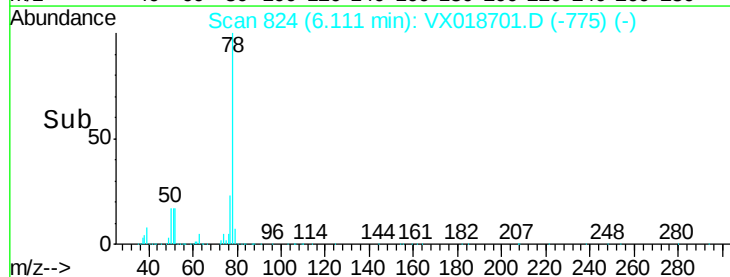
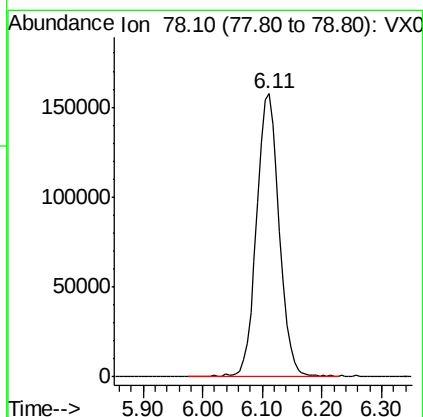
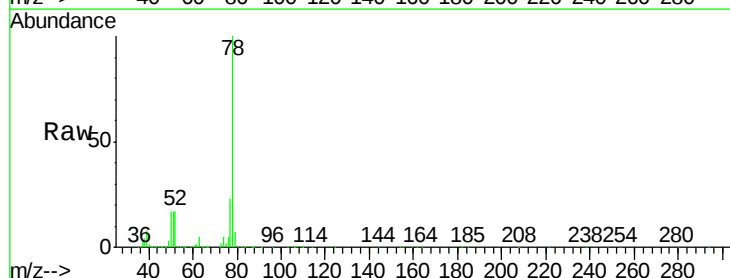
#16
Methvlene chloride
Concen: 0.504 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018701.D
Acq: 30 Sep 2020 16:47

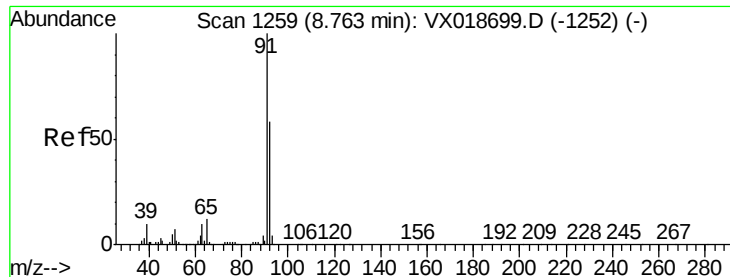
Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL2

Tot Ion: 84 Resp: 7775
Ion Ratio Lower Upper
84 100
86 55.0 41.9 77.7
49 116.2 80.8 150.2



#33
Benzene
Concen: 9.767 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018701.D
Acq: 30 Sep 2020 16:47
Tgt Ion: 78 Resp: 416154





#42

Toluene

Concen: 5.871 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018701.D

Acq: 30 Sep 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

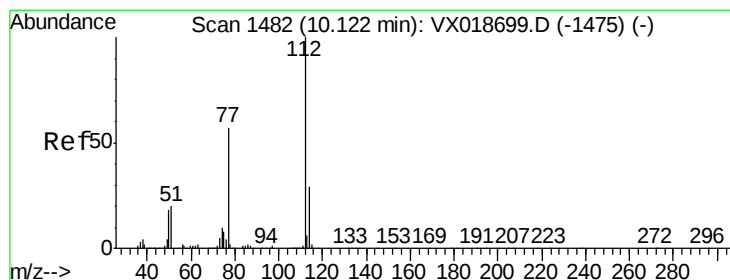
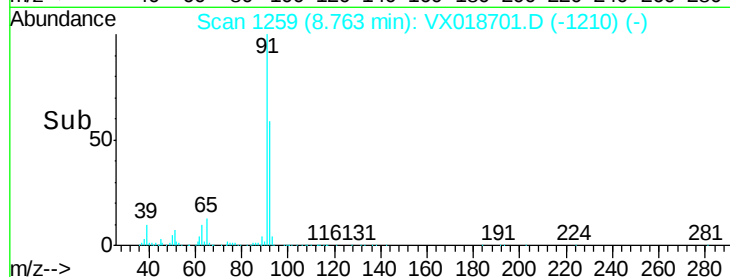
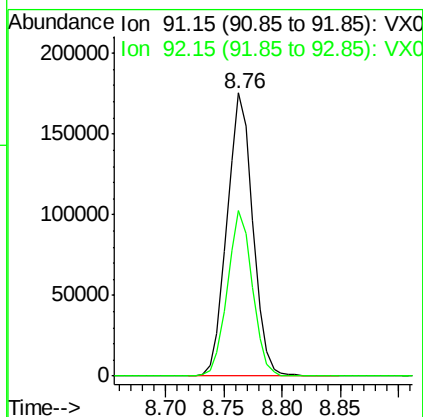
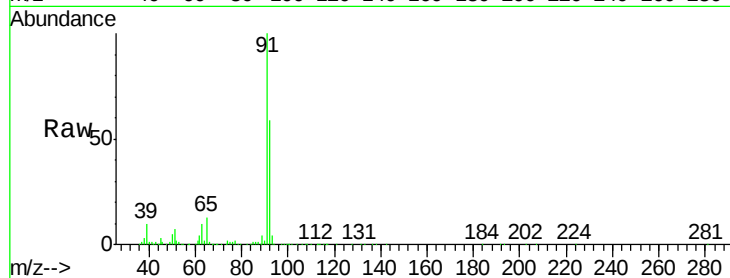
BG0Q5DL2

Tot Ion: 91 Resp: 270206

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#53

Chlorobenzene

Concen: 11.373 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018701.D

Acq: 30 Sep 2020 16:47

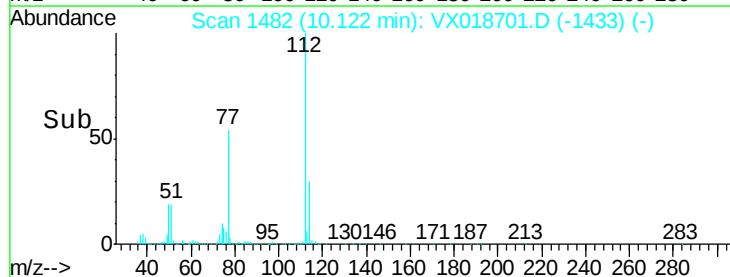
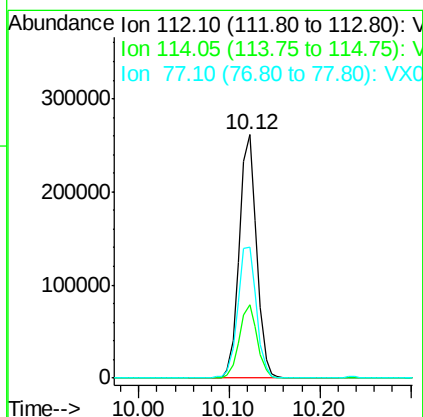
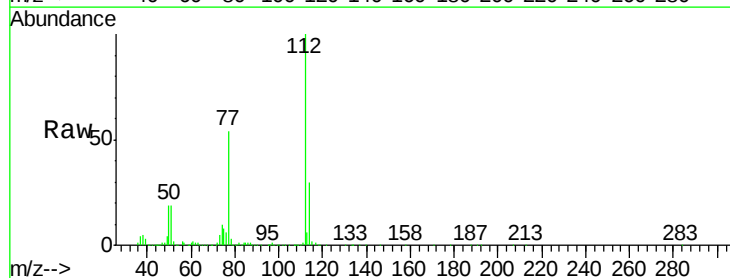
Tgt Ion: 112 Resp: 345798

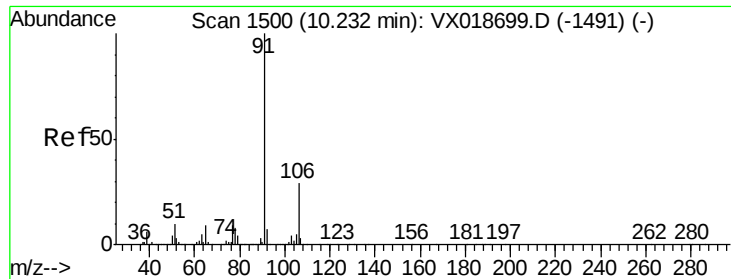
Ion Ratio Lower Upper

112 100

114 30.2 20.6 38.4

77 53.7 46.6 69.8





#54

Ethylbenzene

Concen: 0.372 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018701.D

Acq: 30 Sep 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

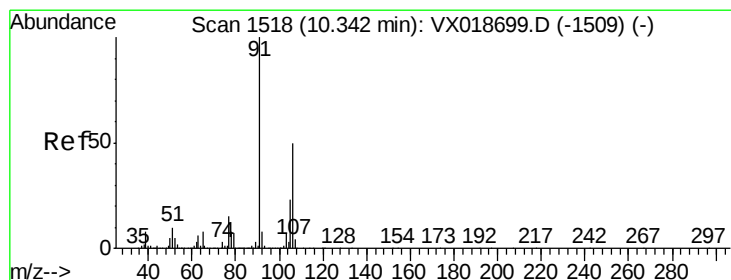
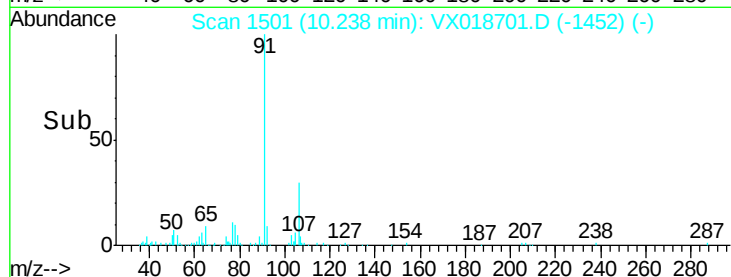
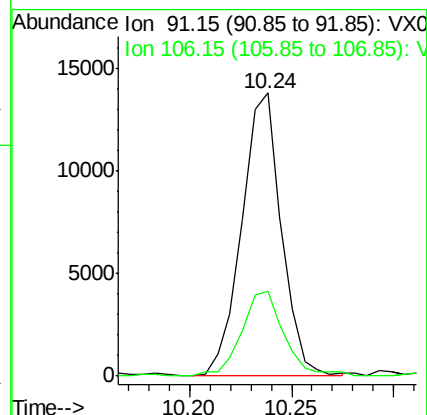
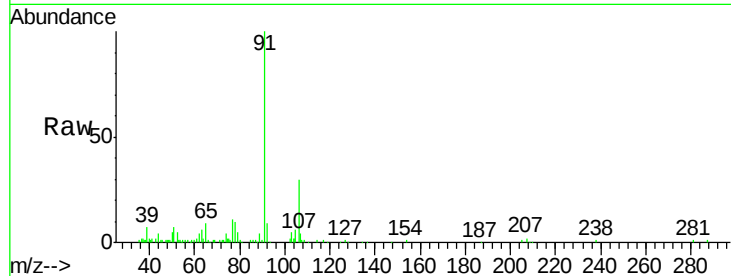
BG0Q5DL2

Tot Ion: 91 Resp: 18629

Ion Ratio Lower Upper

91 100

106 30.2 21.0 39.0



#55

m,p-xylene

Concen: 0.220 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018701.D

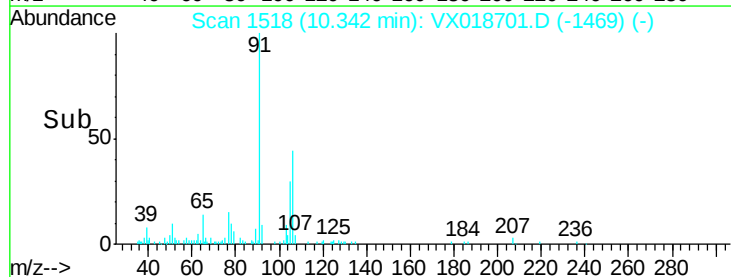
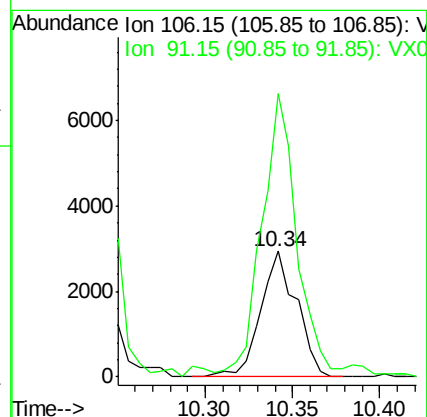
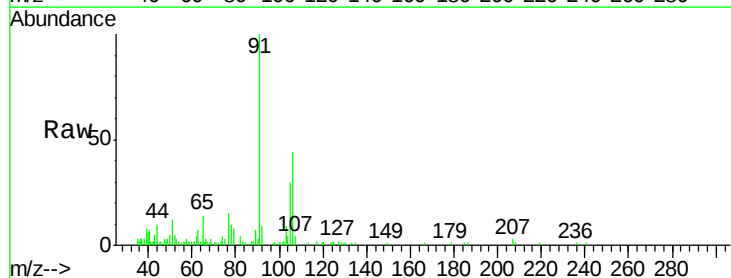
Acq: 30 Sep 2020 16:47

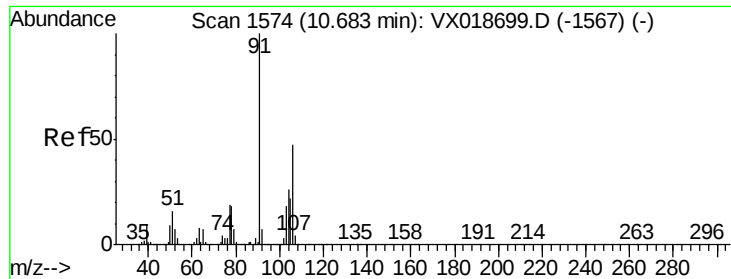
Tgt Ion:106 Resp: 4214

Ion Ratio Lower Upper

106 100

91 225.9 140.3 260.6

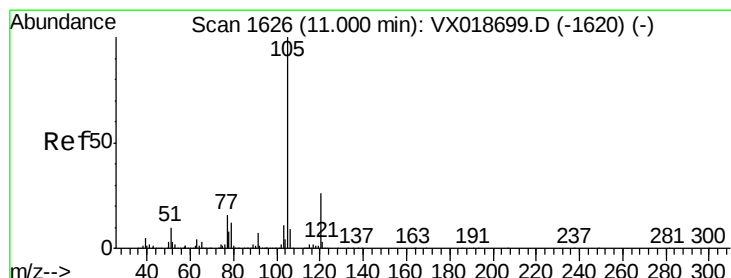
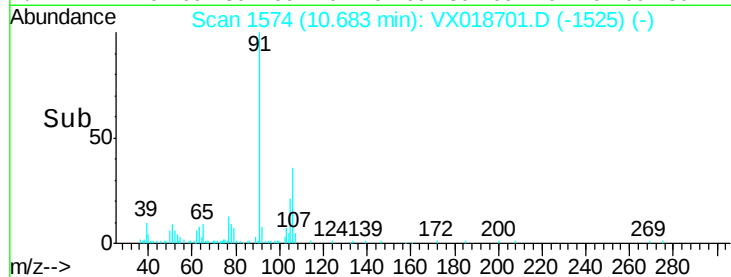
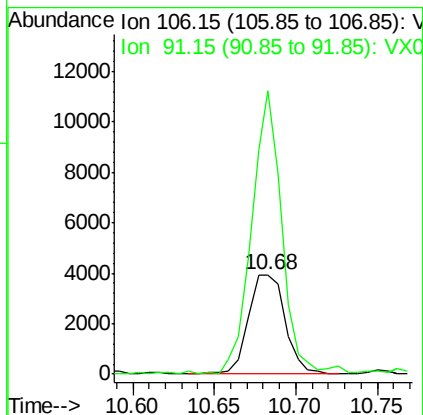
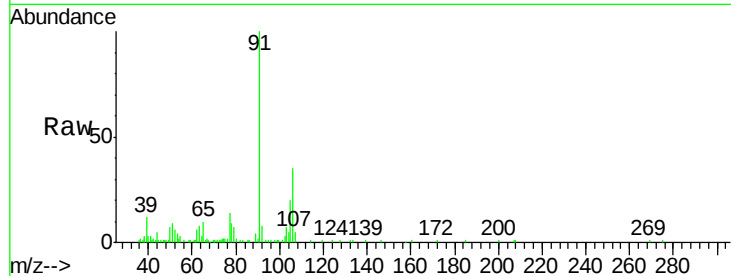




#56
o-xylene
Concen: 0.340 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018701.D
Acq: 30 Sep 2020 16:47

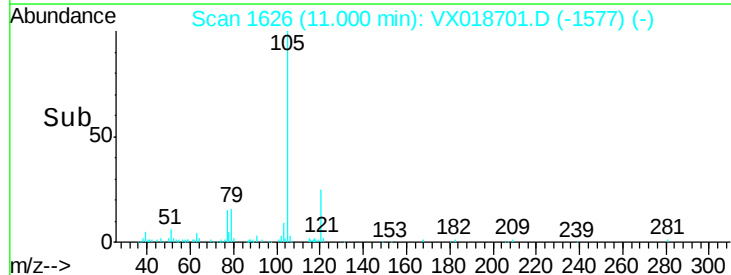
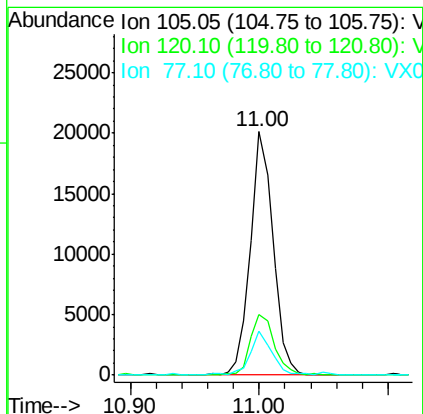
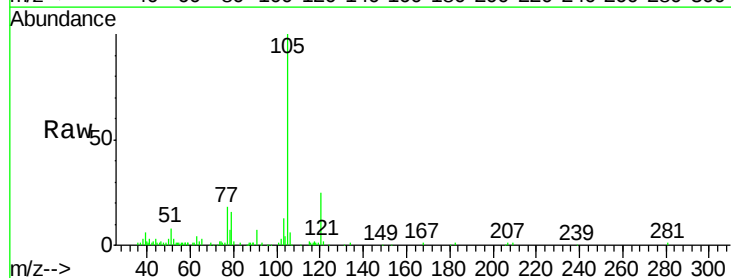
Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL2

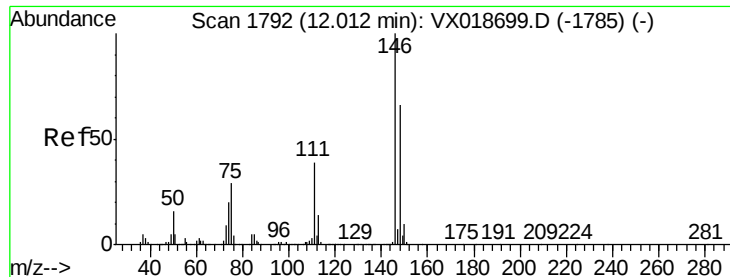
Tot Ion:106 Resp: 6166
Ion Ratio Lower Upper
106 100
91 285.1 167.5 311.1



#58
Isopropylbenzene
Concen: 0.501 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018701.D
Acq: 30 Sep 2020 16:47

Tgt Ion:105 Resp: 24333
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 17.7 13.3 19.9

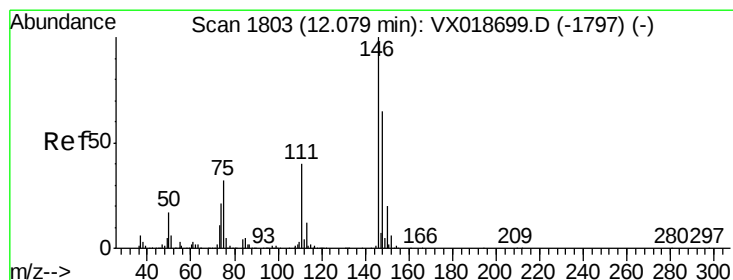
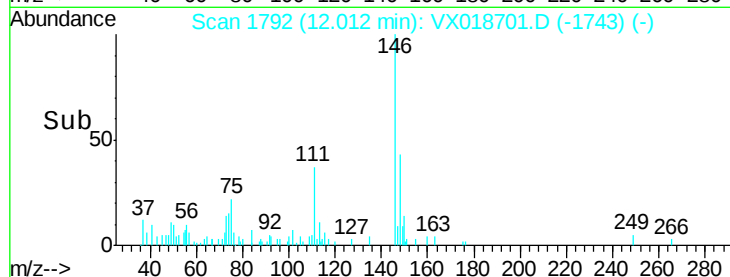
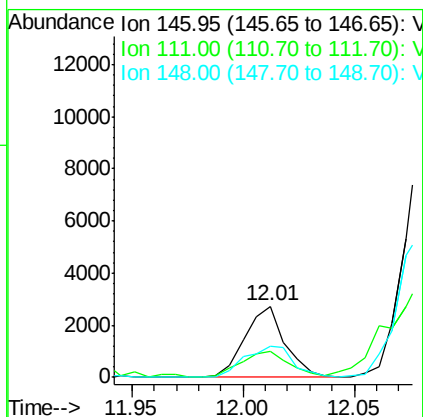
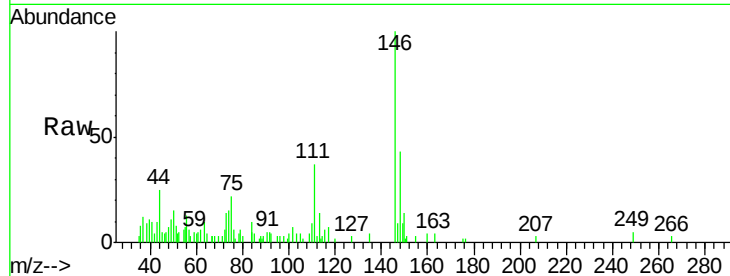




#63
 1,3-Dichlorobenzene
 Concen: 0.152 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018701.D
 Acq: 30 Sep 2020 16:47

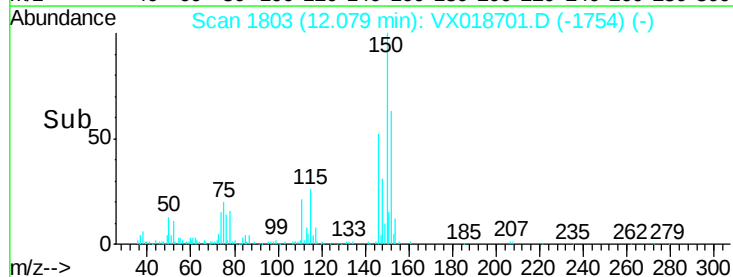
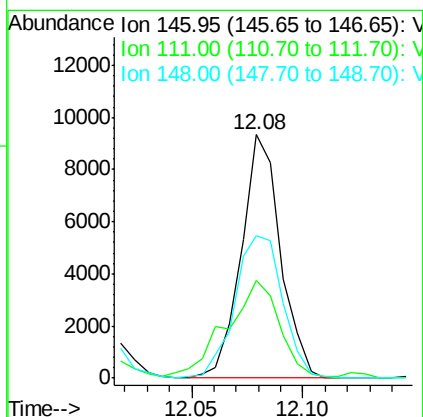
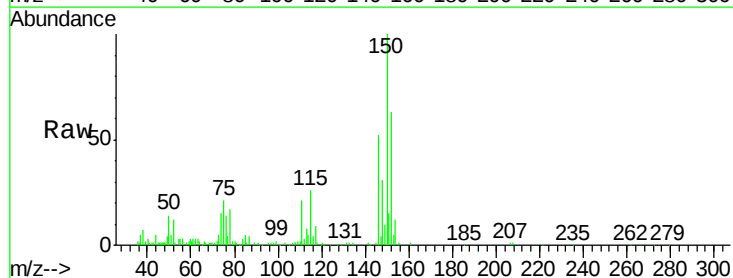
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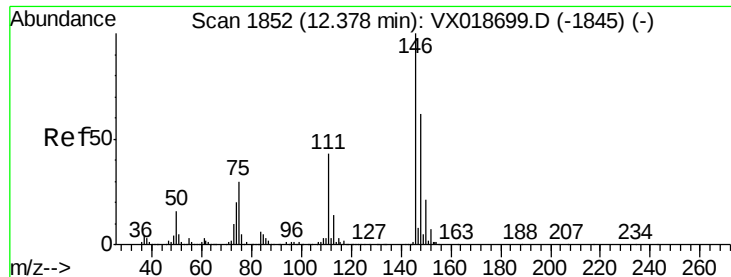
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	26.7	49.7
148	43.2	44.4	82.5#



#64
 1,4-Dichlorobenzene
 Concen: 0.504 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018701.D
 Acq: 30 Sep 2020 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.8	53.4
148	58.7	44.9	83.3

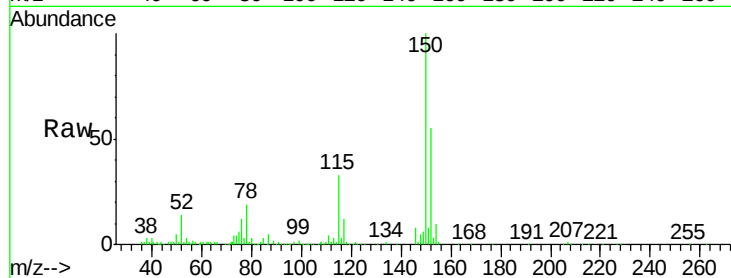




#66
 1,2-Dichlorobenzene
 Concen: 0.259 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018701.D
 Acq: 30 Sep 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5DL2

Tot Ion	Ratio	Lower	Upper
146	100		
111	54.0	33.6	50.4#
148	66.1	53.4	80.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

