

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX093020\
 Data File : VX018703.D
 Acq On : 30 Sep 2020 17:36
 Operator : JC/SP
 Sample : L4135-17DL2 400X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG495DL2

Quant Time: Oct 01 04:19:37 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	6.83	114	212513	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	203934	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	96364	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39691	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.70	69	37736	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.34	63	78680	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.56	46	156410	55.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.32%
24) Chloroform-d	5.14	84	120352	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	6.03	65	69880	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	6.05	84	206575	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	7.37	67	63244	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	8.70	98	174958	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
45) trans-1,3-Dichloropropene-	8.99	79	29575	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
48) 2-Hexanone-d5	9.43	63	119492	52.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.60%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	53539	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	75597	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

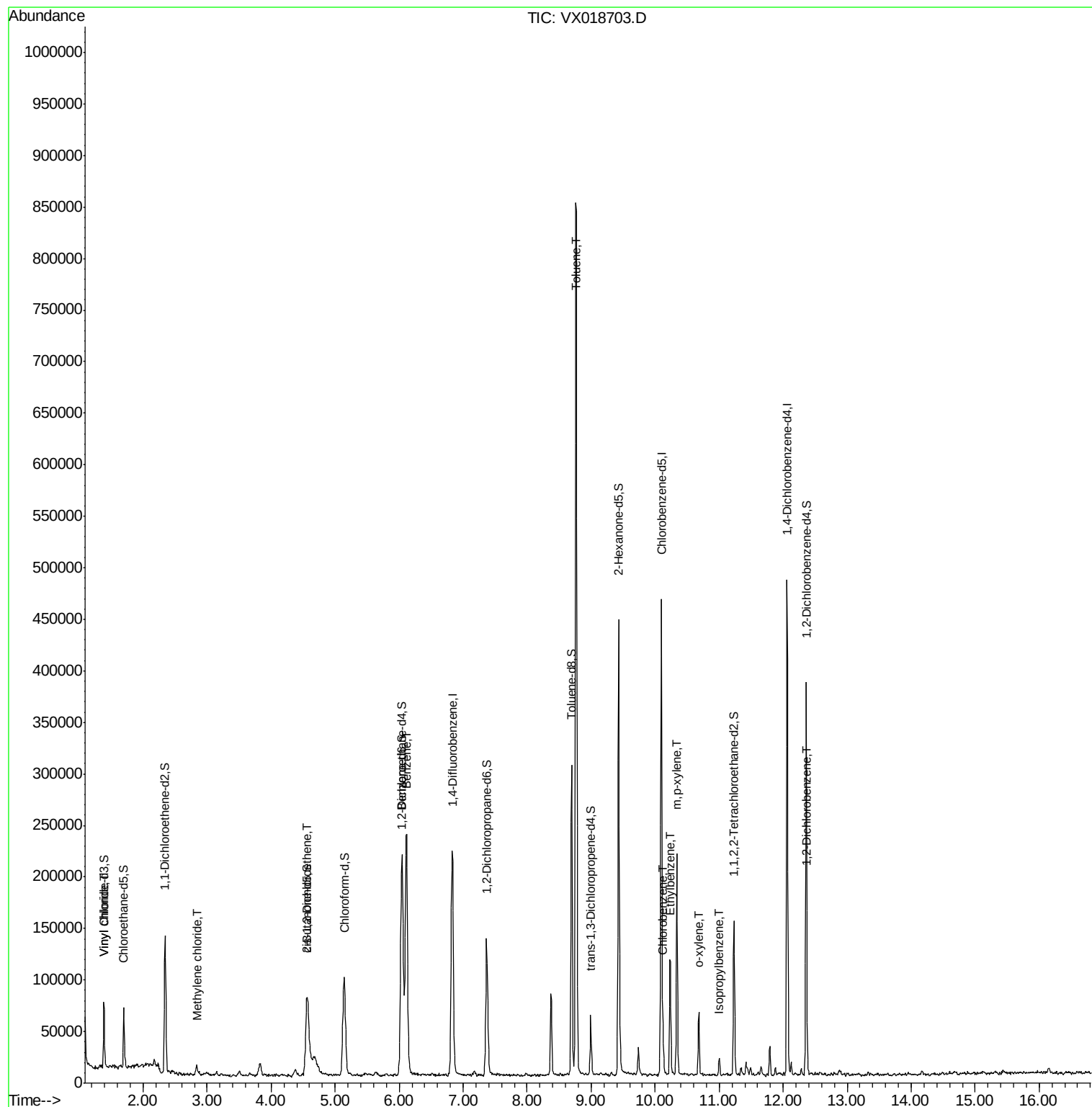
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	2481	0.216	ug/L	100
16) Methylene chloride	2.83	84	4253	0.300	ug/L	90
22) cis-1,2-Dichloroethene	4.57	96	15024	1.388	ug/L #	100
33) Benzene	6.12	78	277254	7.051	ug/L	100
42) Toluene	8.77	91	550553	12.963	ug/L	99
53) Chlorobenzene	10.12	112	16380	0.584	ug/L	93
54) Ethylbenzene	10.23	91	63322	1.369	ug/L	97
55) m,p-xylene	10.34	106	46416	2.624	ug/L	96
56) o-xylene	10.68	106	12154	0.727	ug/L	82
58) Isopropylbenzene	11.01	105	7893	0.176	ug/L #	94
66) 1,2-Dichlorobenzene	12.38	146	1862	0.095	ug/L #	89

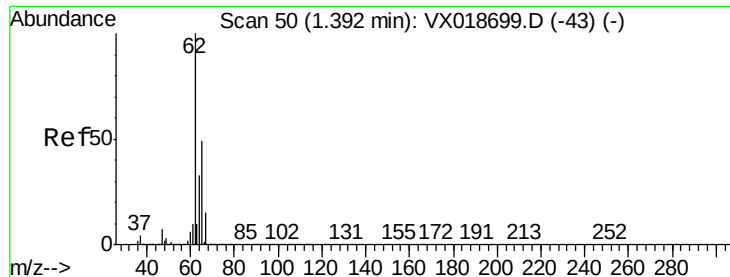
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.216 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018703.D

Acq: 30 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampled :

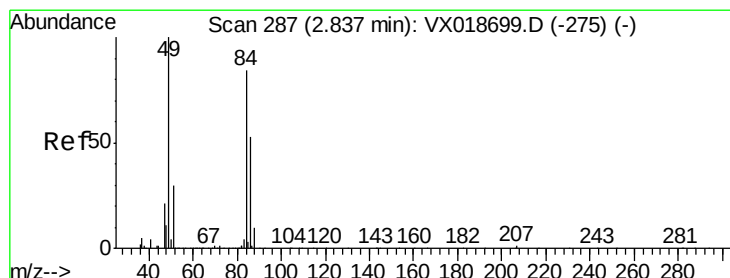
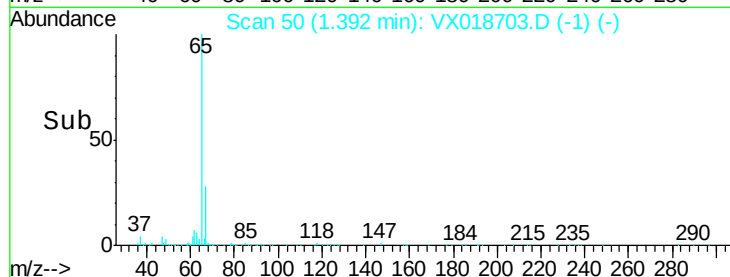
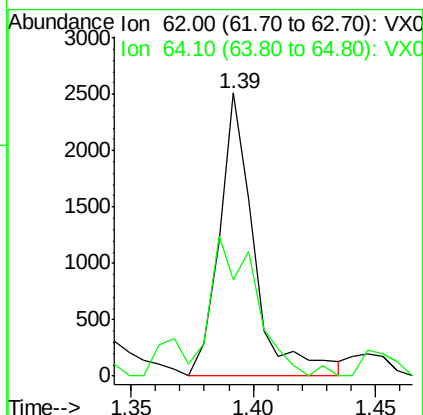
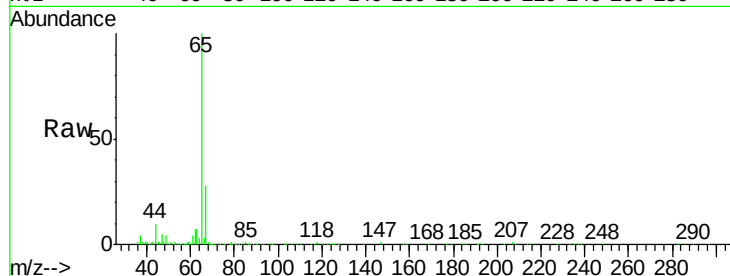
BG495DL2

Tot Ion: 62 Resp: 2481

Ion Ratio Lower Upper

62 100

64 34.0 23.6 43.8



#16

Methylene chloride

Concen: 0.300 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018703.D

Acq: 30 Sep 2020 17:36

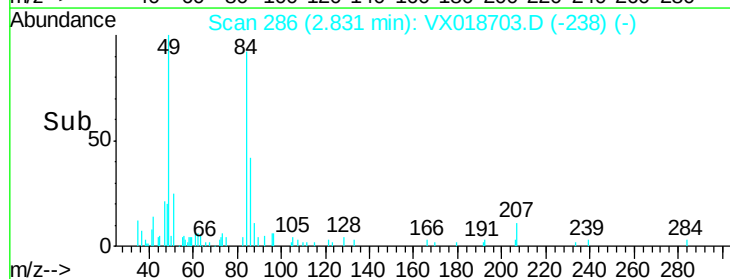
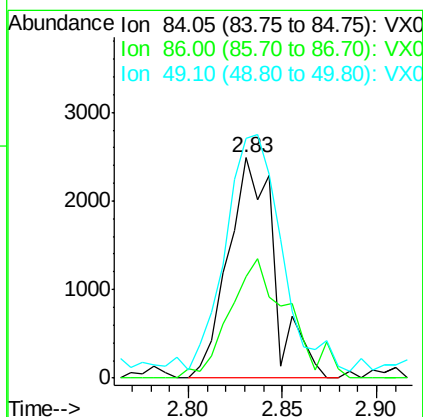
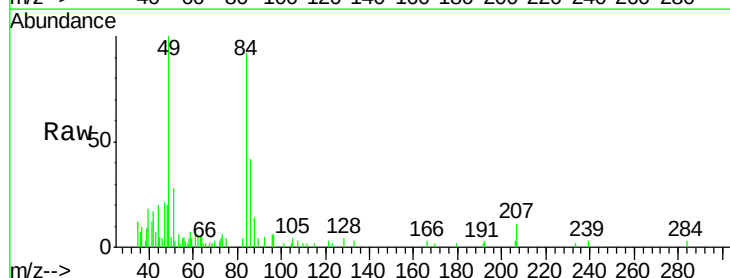
Tgt Ion: 84 Resp: 4253

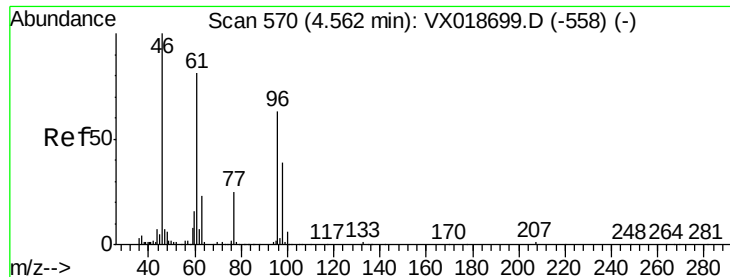
Ion Ratio Lower Upper

84 100

86 46.1 41.9 77.7

49 108.6 80.8 150.2



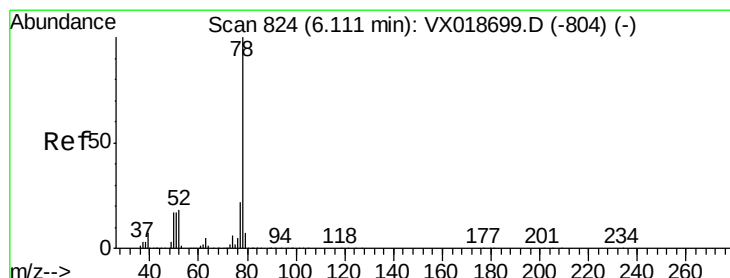
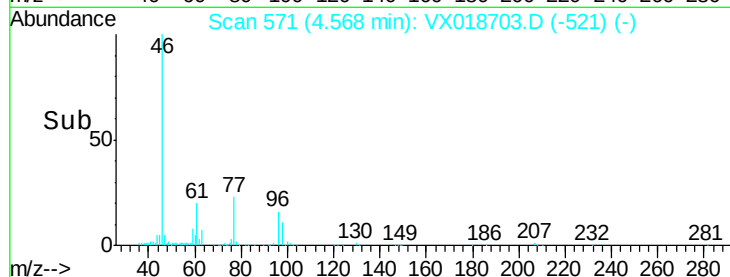
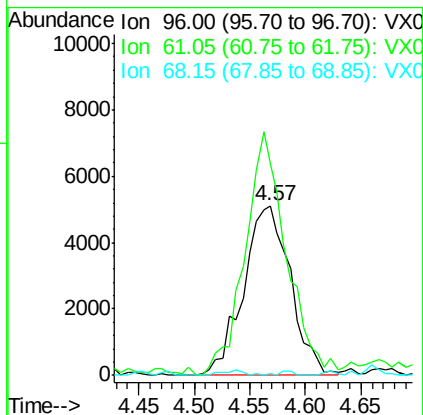
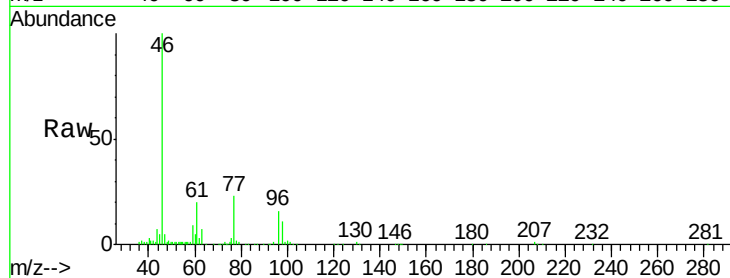


#22

cis-1,2-Dichloroethene
Concen: 1.388 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018703.D
Acq: 30 Sep 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :
BG495DL2

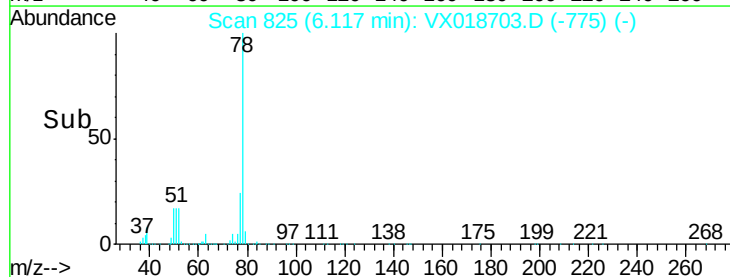
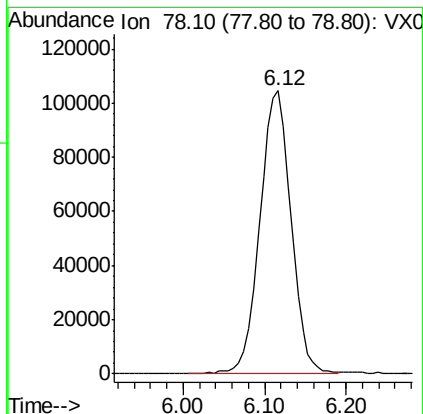
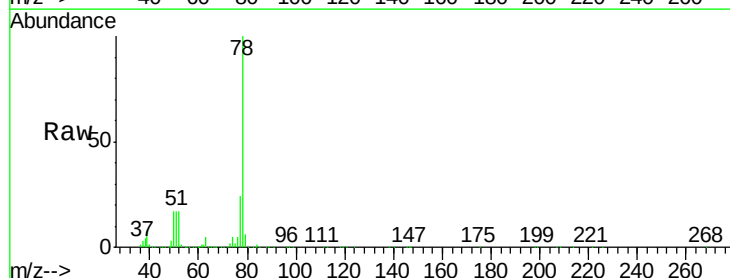
Tot Ion: 96 Resp: 15024
Ion Ratio Lower Upper
96 100
61 125.2 87.7 162.9
68 1.2 0.3 0.7#

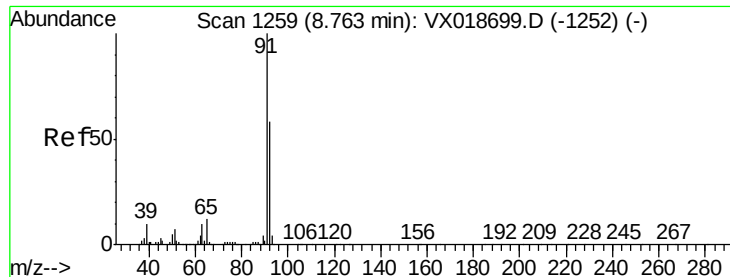


#33

Benzene
Concen: 7.051 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018703.D
Acq: 30 Sep 2020 17:36

Tgt Ion: 78 Resp: 277254





#42

Toluene

Concen: 12.963 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018703.D

Acq: 30 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

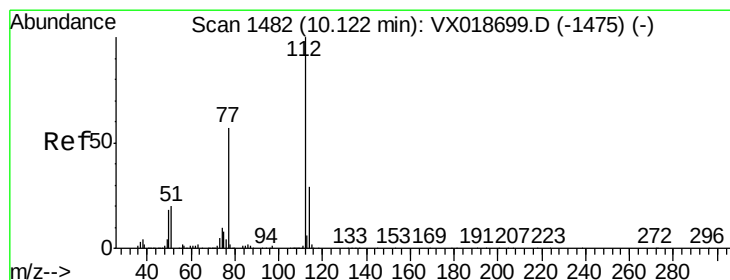
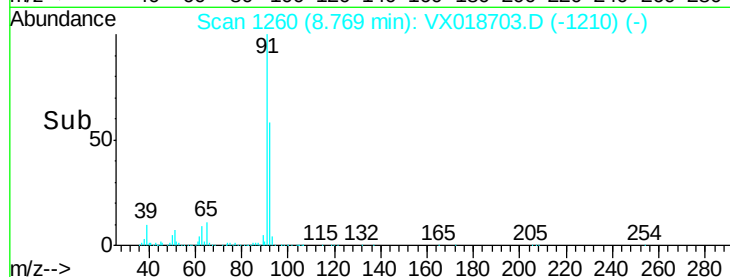
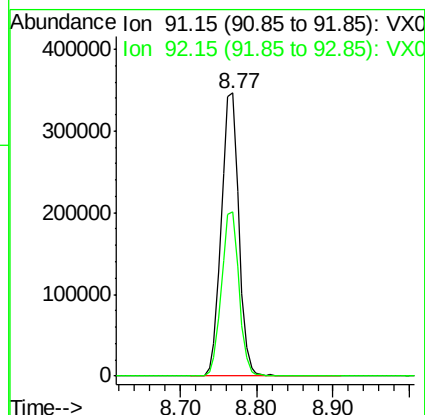
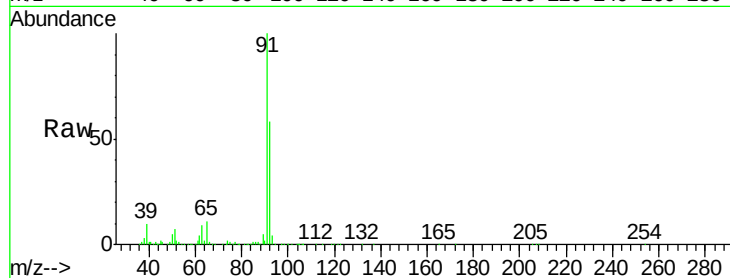
BG495DL2

Tot Ion: 91 Resp: 550553

Ion Ratio Lower Upper

91 100

92 58.1 41.1 76.3



#53

Chlorobenzene

Concen: 0.584 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018703.D

Acq: 30 Sep 2020 17:36

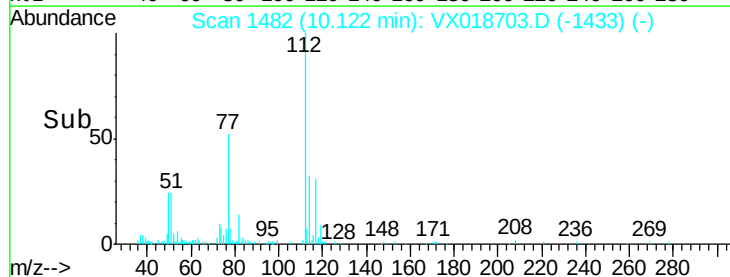
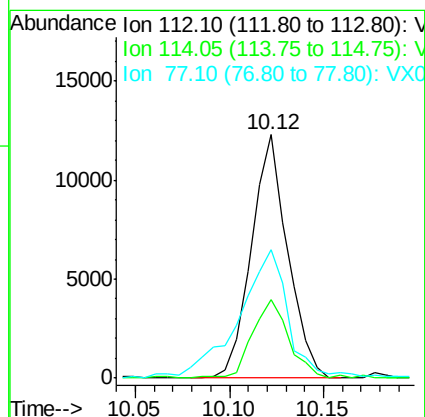
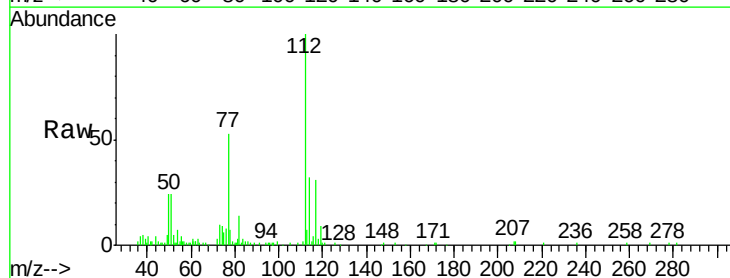
Tgt Ion: 112 Resp: 16380

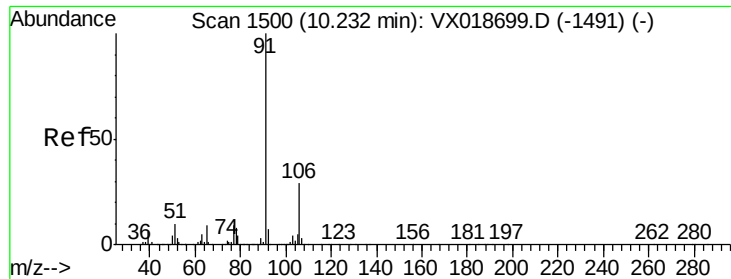
Ion Ratio Lower Upper

112 100

114 32.5 20.6 38.4

77 52.8 46.6 69.8





#54

Ethylbenzene

Concen: 1.369 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018703.D

Acq: 30 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

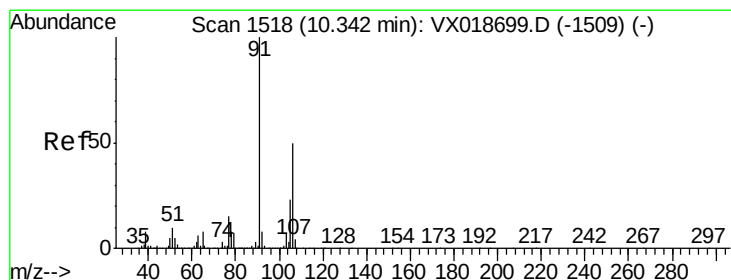
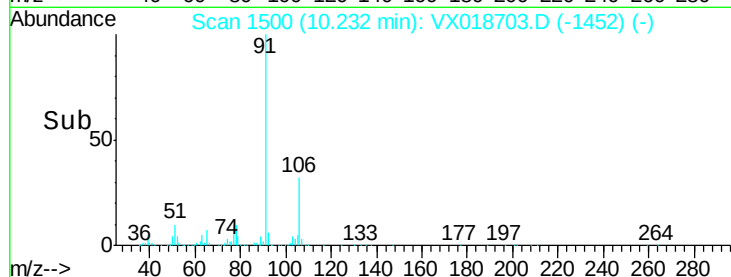
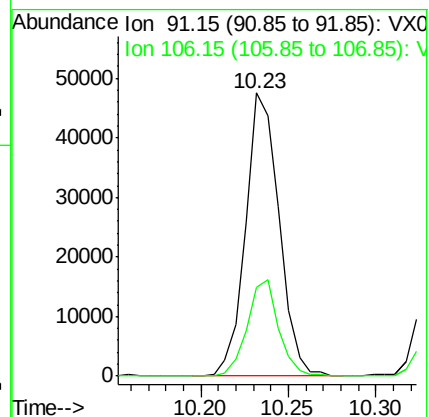
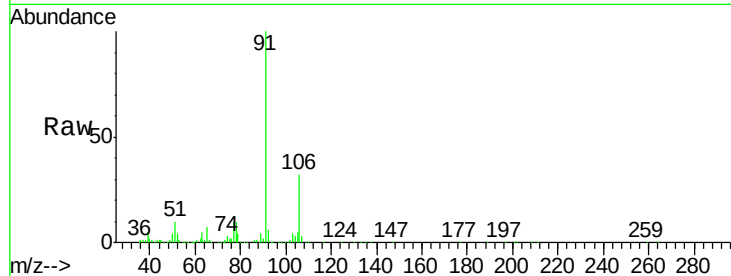
BG495DL2

Tot Ion: 91 Resp: 63322

Ion Ratio Lower Upper

91 100

106 31.5 21.0 39.0



#55

m,p-xylene

Concen: 2.624 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018703.D

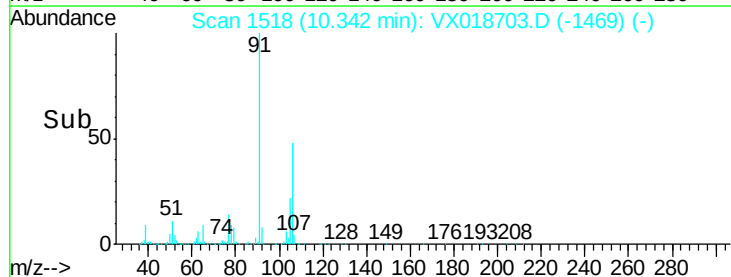
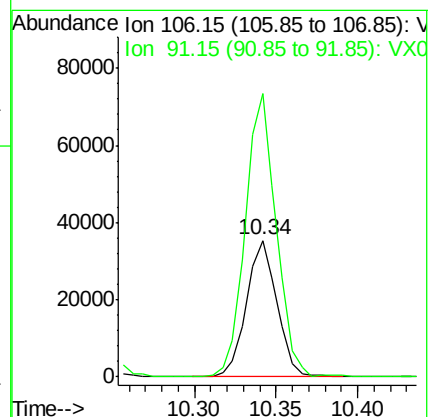
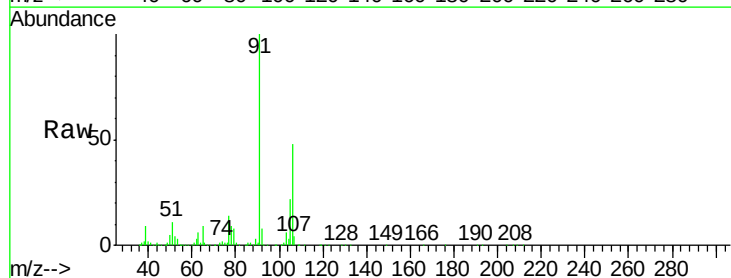
Acq: 30 Sep 2020 17:36

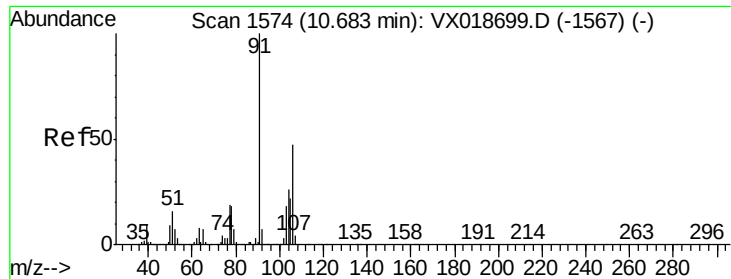
Tgt Ion: 106 Resp: 46416

Ion Ratio Lower Upper

106 100

91 207.2 140.3 260.6

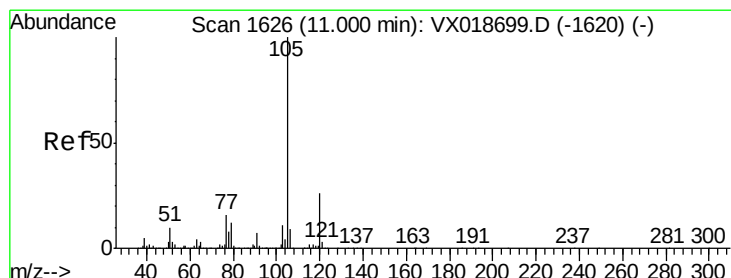
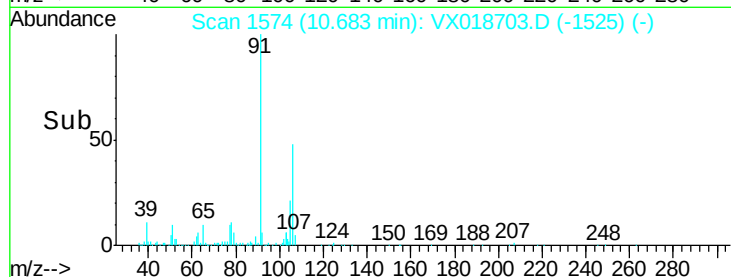
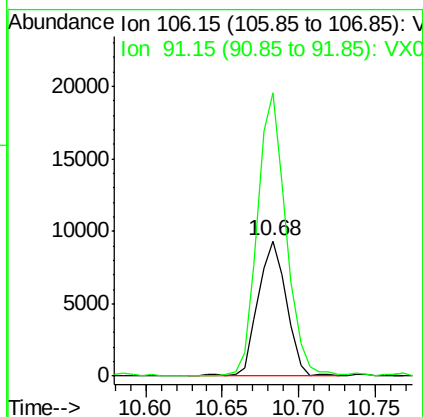
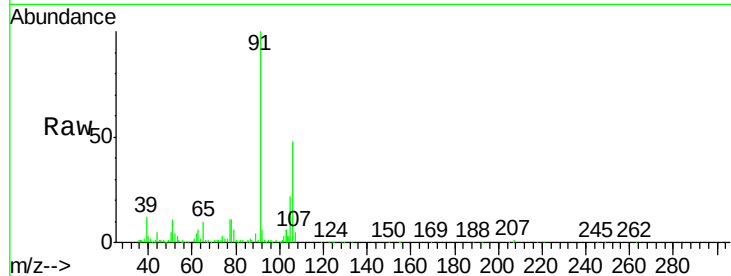




#56
o-xylene
Concen: 0.727 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018703.D
Acq: 30 Sep 2020 17:36

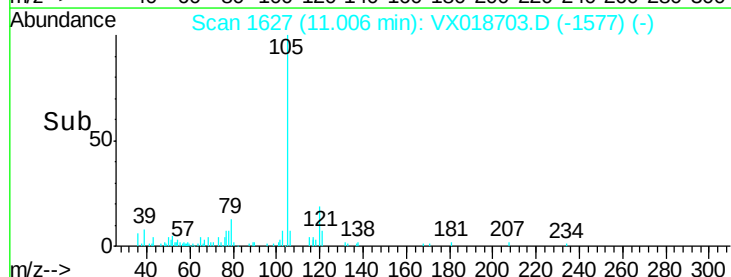
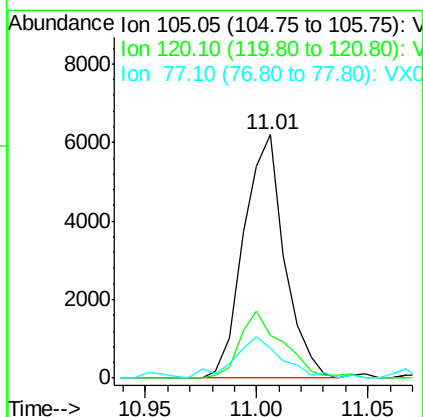
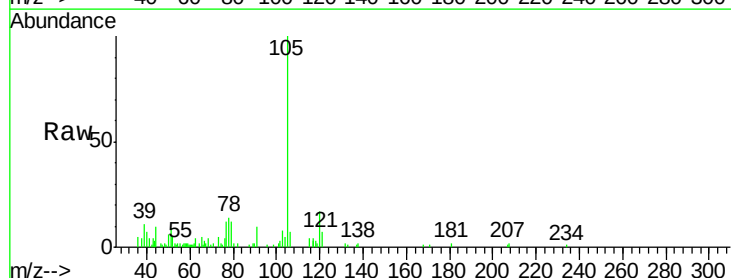
Instrument :
MSVOA_X
ClientSampleId :
BG495DL2

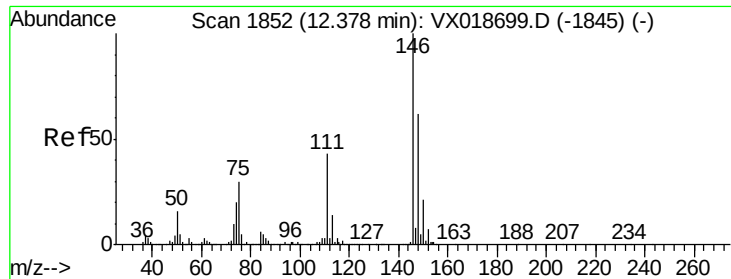
Tot Ion:106 Resp: 12154
Ion Ratio Lower Upper
106 100
91 209.0 167.5 311.1



#58
Isopropylbenzene
Concen: 0.176 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018703.D
Acq: 30 Sep 2020 17:36

Tgt Ion:105 Resp: 7893
Ion Ratio Lower Upper
105 100
120 29.1 21.2 31.8
77 20.0 13.3 19.9#





#66

1,2-Dichlorobenzene

Concen: 0.095 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018703.D

Acq: 30 Sep 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

BG495DL2

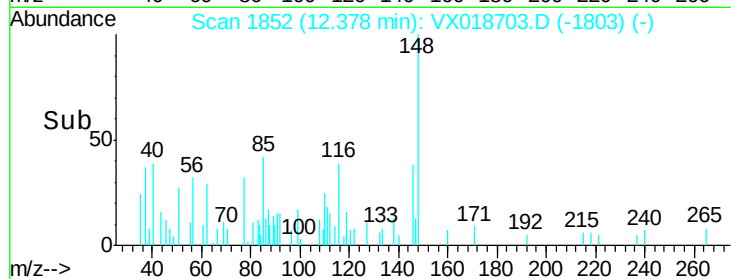
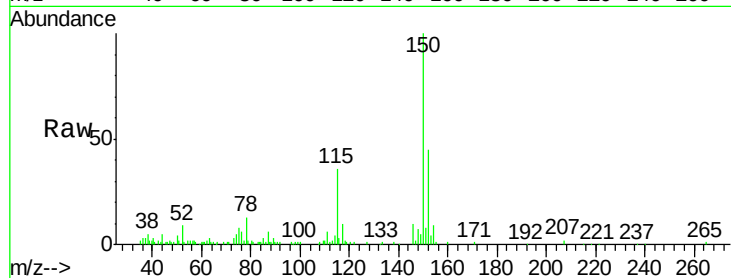
Tot Ion:146 Resp: 1862

Ion Ratio Lower Upper

146 100

111 54.1 33.6 50.4#

148 71.7 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

