

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092820\
 Data File : VX018639.D
 Acq On : 29 Sep 2020 00:58
 Operator : JC/SP
 Sample : L4135-19
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG497

Quant Time: Sep 29 06:17:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	331277	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	313619	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	146901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59015	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.70	69	51537	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.60%
11) 1,1-Dichloroethene-d2	2.34	63	106890	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.55	46	176022	39.82	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.64%
24) Chloroform-d	5.14	84	145763	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
26) 1,2-Dichloroethane-d4	6.03	65	80488	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
32) Benzene-d6	6.05	84	283789	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	7.37	67	89885	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.60%
41) Toluene-d8	8.70	98	259217	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
45) trans-1,3-Dichloropropene-	8.99	79	34430	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
48) 2-Hexanone-d5	9.43	63	141503	40.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.56%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	62277	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	94842	3.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.00%#

Target Compounds

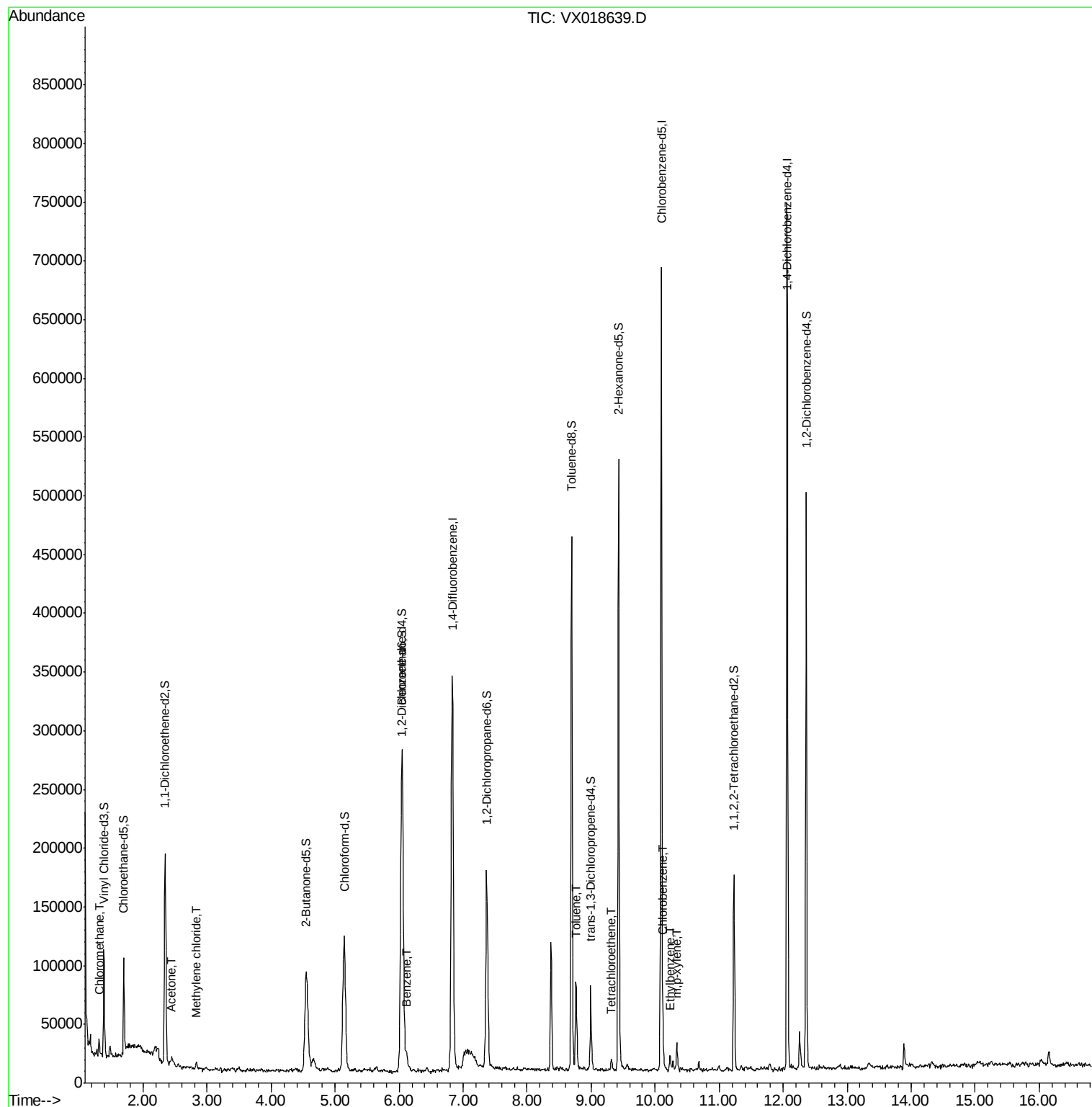
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	8306	0.485	ug/L	97
13) Acetone	2.44	43	15387	6.289	ug/L	92
16) Methylene chloride	2.84	84	2558	0.116	ug/L	93
33) Benzene	6.12	78	19471	0.322	ug/L	100
42) Toluene	8.76	91	47139	0.722	ug/L	95
49) Tetrachloroethene	9.32	164	1593	0.116	ug/L #	79
53) Chlorobenzene	10.12	112	10914	0.253	ug/L	92
54) Ethylbenzene	10.23	91	6402	0.090	ug/L	92
55) m,p-xylene	10.34	106	5153	0.189	ug/L	86

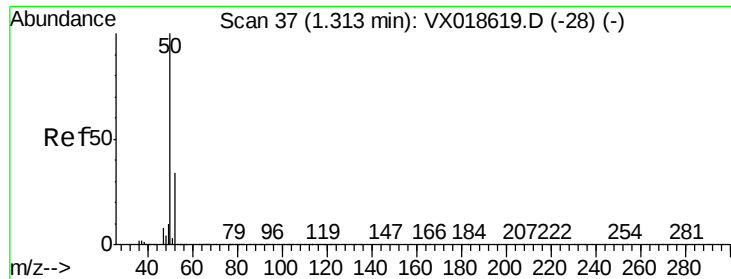
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018639.D
Acq On : 29 Sep 2020 00:58
Operator : JC/SP
Sample : L4135-19
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG497

Quant Time: Sep 29 06:17:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.485 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018639.D

Acq: 29 Sep 2020 00:58

Instrument :

MSVOA_X

ClientSampleId :

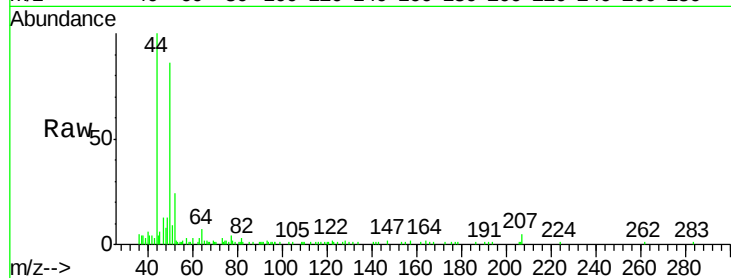
BG497

Tot Ion: 50 Resp: 8306

Ion Ratio Lower Upper

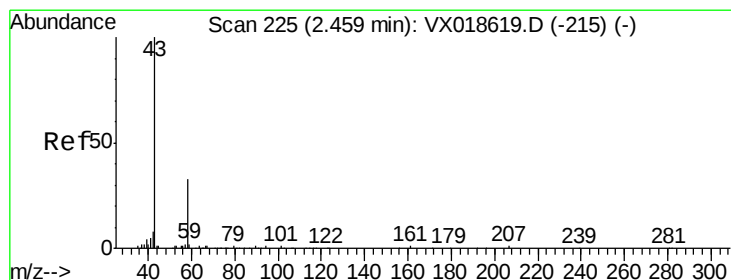
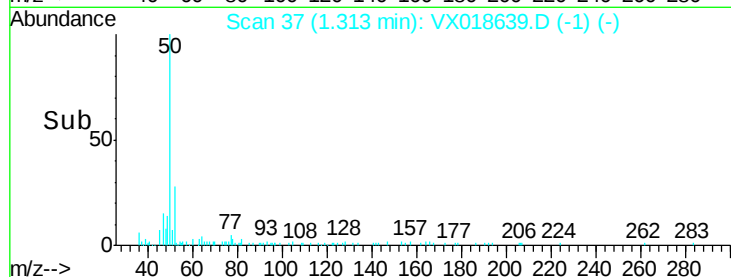
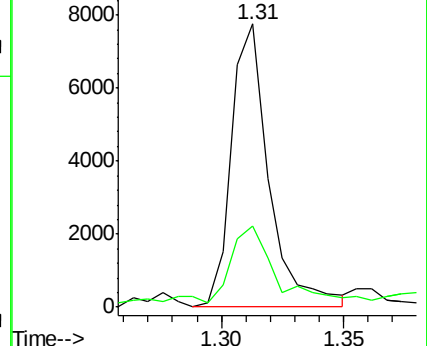
50 100

52 28.5 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 6.289 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018639.D

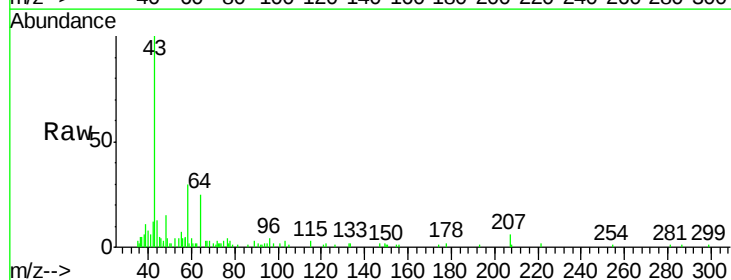
Acq: 29 Sep 2020 00:58

Tgt Ion: 43 Resp: 15387

Ion Ratio Lower Upper

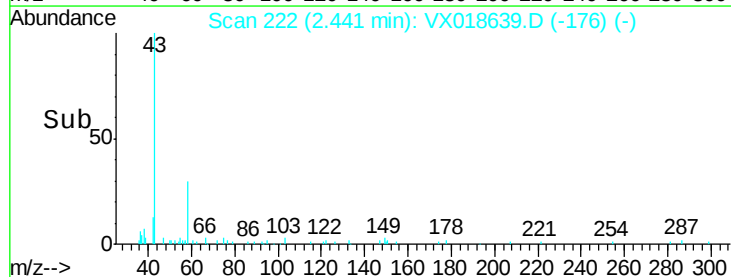
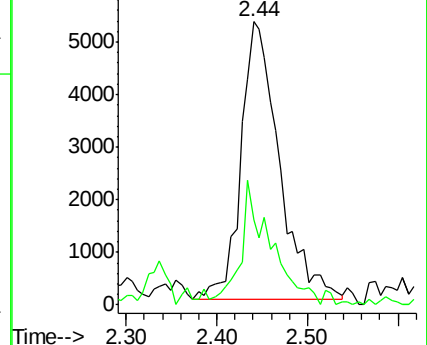
43 100

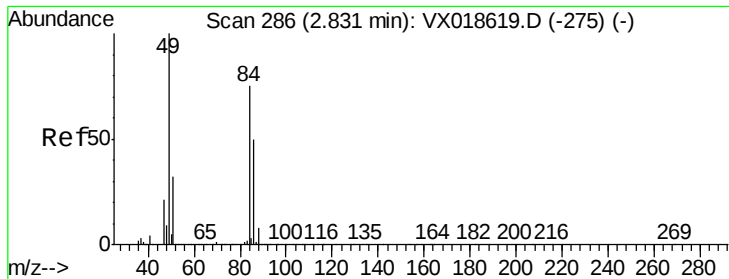
58 35.4 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

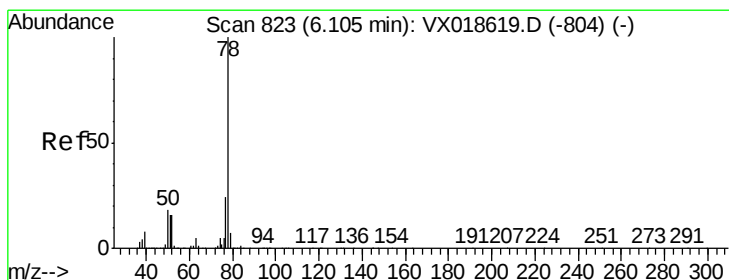
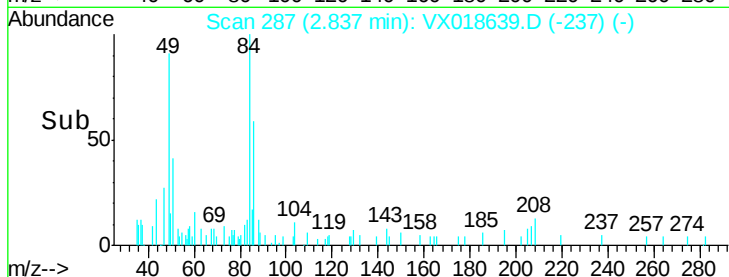
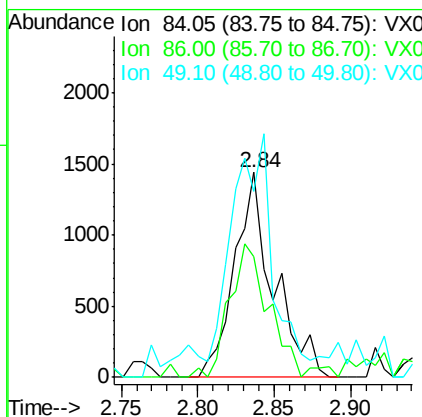
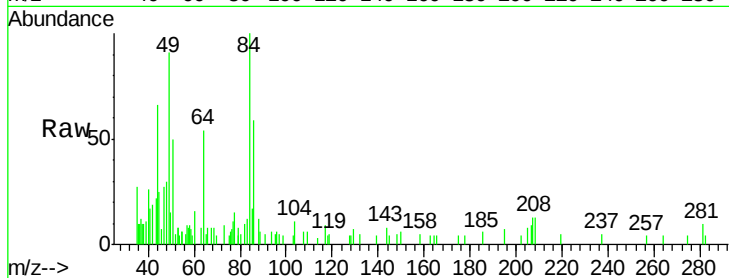




#16
Methvlene chloride
Concen: 0.116 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018639.D
Acq: 29 Sep 2020 00:58

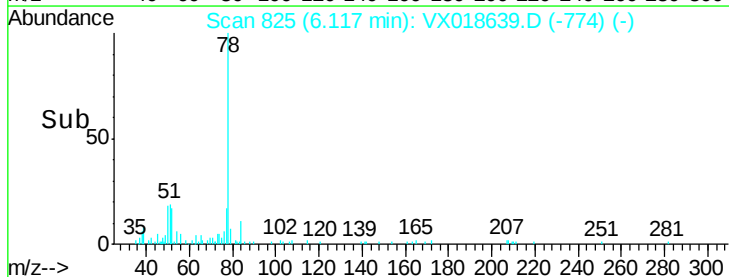
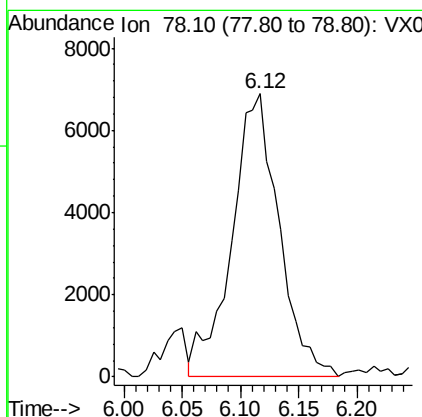
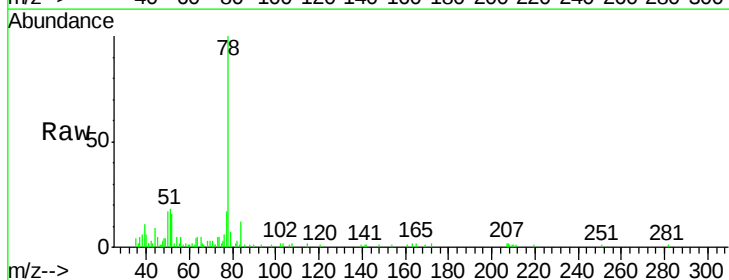
Instrument :
MSVOA_X
ClientSampleId :
BG497

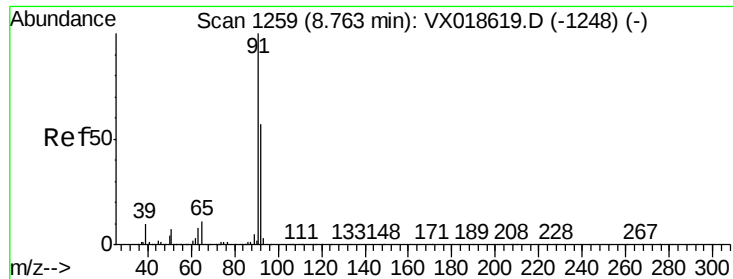
Tot Ion: 84 Resp: 2558
Ion Ratio Lower Upper
84 100
86 59.0 41.9 77.7
49 105.3 80.8 150.2



#33
Benzene
Concen: 0.322 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018639.D
Acq: 29 Sep 2020 00:58

Tgt Ion: 78 Resp: 19471





#42

Toluene

Concen: 0.722 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018639.D

Acq: 29 Sep 2020 00:58

Instrument :

MSVOA_X

ClientSampleId :

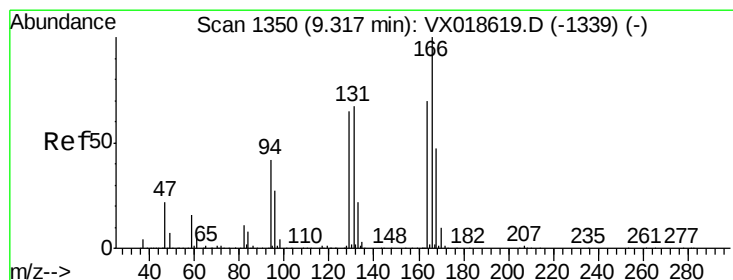
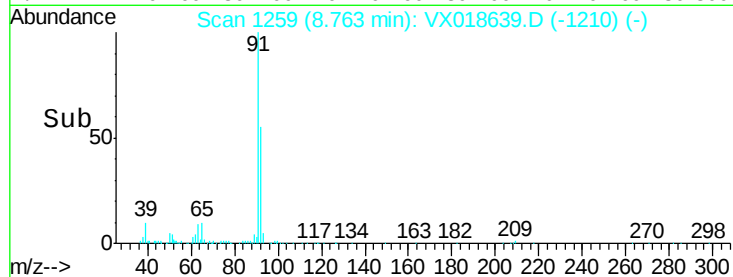
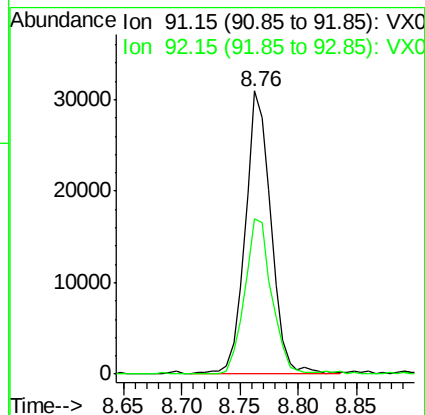
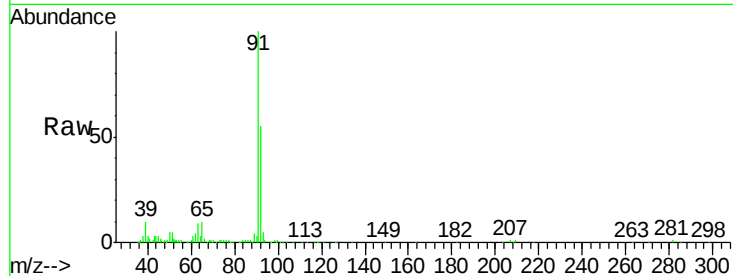
BG497

Tot Ion: 91 Resp: 47139

Ion Ratio Lower Upper

91 100

92 55.1 41.1 76.3



#49

Tetrachloroethene

Concen: 0.116 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018639.D

Acq: 29 Sep 2020 00:58

Tgt Ion: 164 Resp: 1593

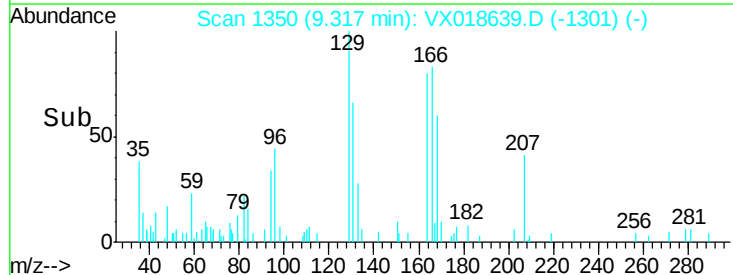
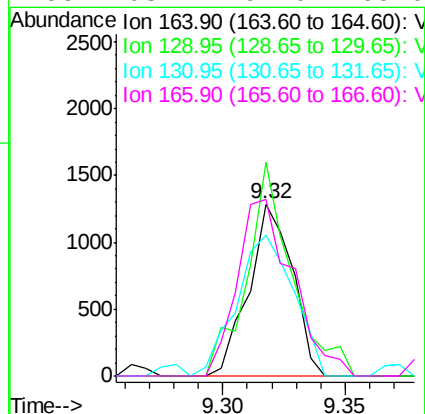
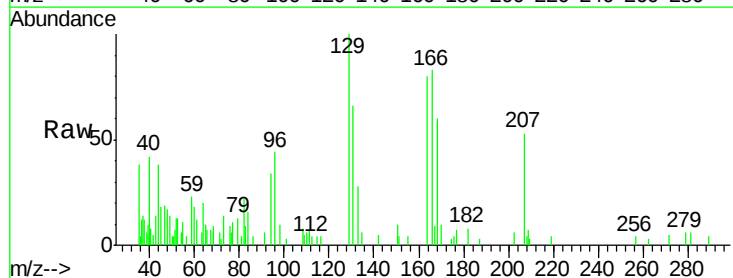
Ion Ratio Lower Upper

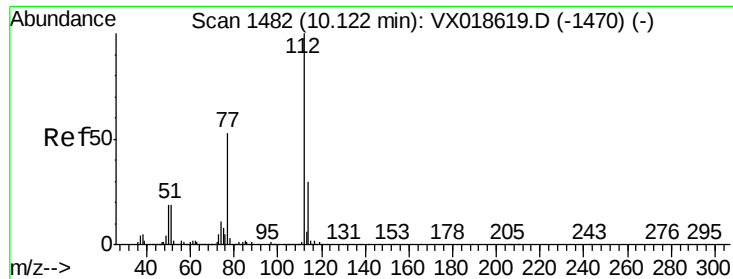
164 100

129 124.5 65.9 122.3#

131 82.2 61.4 114.0

166 103.1 91.0 169.0





#53

Chlorobenzene

Concen: 0.253 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018639.D

Acq: 29 Sep 2020 00:58

Instrument :

MSVOA_X

ClientSampleId :

BG497

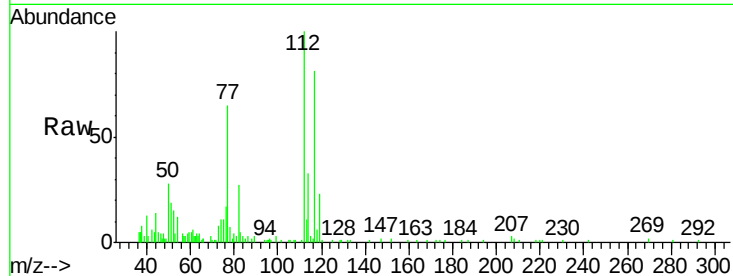
Tot Ion:112 Resp: 10914

Ion Ratio Lower Upper

112 100

114 33.3 20.6 38.4

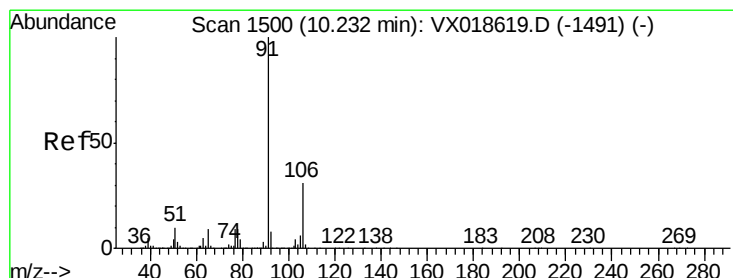
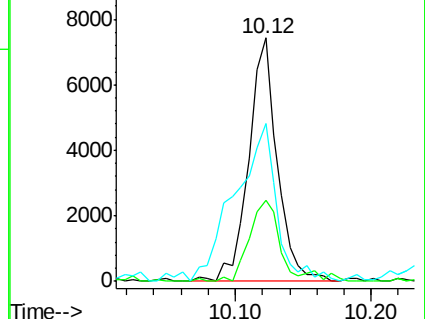
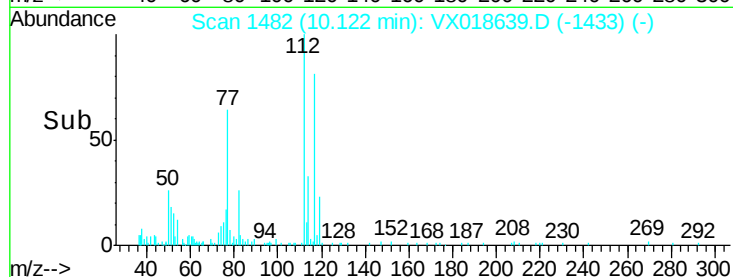
77 65.1 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0



#54

Ethylbenzene

Concen: 0.090 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX018639.D

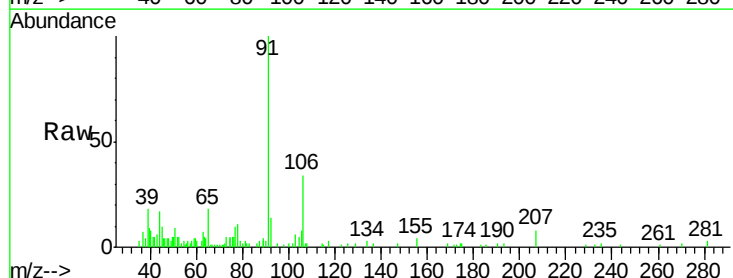
Acq: 29 Sep 2020 00:58

Tgt Ion: 91 Resp: 6402

Ion Ratio Lower Upper

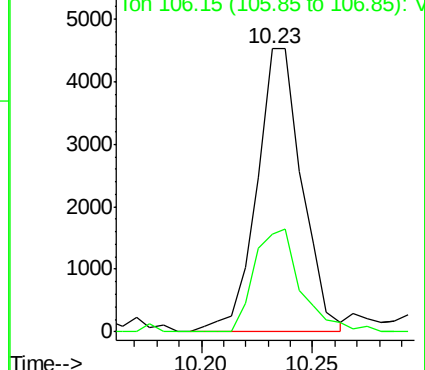
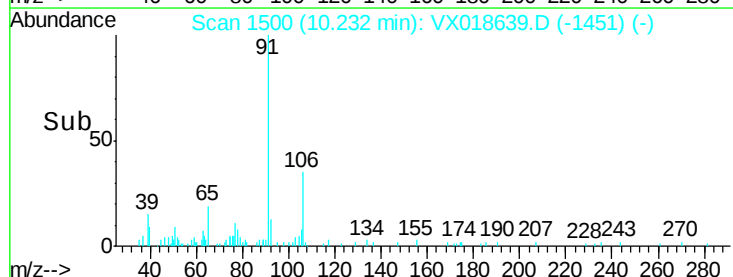
91 100

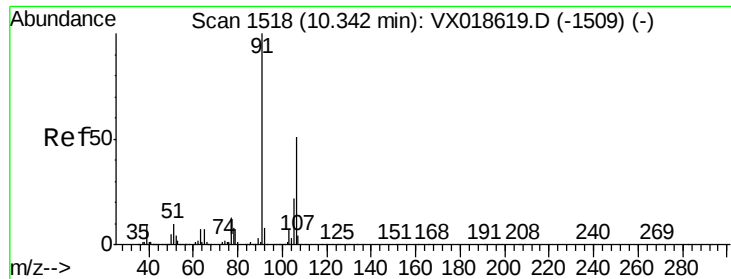
106 34.4 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.189 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018639.D

Acq: 29 Sep 2020 00:58

Instrument :

MSVOA_X

ClientSampleId :

BG497

Tot Ion:106 Resp: 5153

Ion Ratio Lower Upper

106 100

91 221.9 140.3 260.6

